

CLASSIC CANTABILE

SP-250 stage piano



Instruction manual

ArtNo: 00037155
Version: 07/2021

Congratulations!

Before you switch on the device, we recommend that you read these operating instructions carefully. Keep the operating instructions in a safe place.

Location

To avoid serious damage, discoloration and malfunction, never expose your device to the following environmental conditions:

- Direct sunlight
- High temperatures (near radiators or in the car during the day).
- High humidity
- Excessive dust
- Humidity and moisture
- Strong vibrations

Power supply

- Make sure to use a suitable power supply that matches the input voltage of the respective country.
- Switch the device off (OFF) when not in use.
- If you do not use the device for a longer period of time, disconnect the power plug from the socket.
- Do not use the device during thunderstorms.
- Avoid using an outlet that has devices that require a lot of power, such as electric heaters or ovens. Furthermore, avoid the use of multiple sockets, because this can affect the sound quality, cause malfunctions and possible damage.
- To prevent damage to the unit or other equipment connected to it, turn OFF all equipment when wiring or disconnecting.

Handling and transport

- Never use force on the controls, connections or other parts of the instrument.
- Do not tear at the connectors, but pull them out carefully.
- Disconnect all cable connections before transporting the device.
- Avoid physical shock by shaking or dropping.
- Do not place heavy objects on the instrument, this may cause scratches or more serious damage.

Cleaning

- Clean the device with a dry, soft cloth.
- To remove stubborn dirt, use a slightly damp cloth.
- Never use alcohol or chemical cleaning agents.
- Avoid placing vinyl on the surface (vinyl will stick and discolor the surface).

Electrical compatibility

This instrument has digital circuitry and may cause interference if placed too close to radio or television equipment. If such interference occurs, move the instrument farther away from the affected equipment.

Do not open the device

In the event of a defect or malfunction, take the device to a specialist workshop.

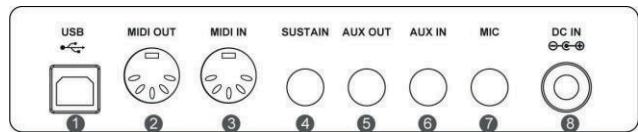
Table of contents

| | |
|---------------------------------------|-----------|
| Controls and display | 5 |
| Back | 5 |
| Front | 5 |
| LCD | 7 |
| Structure | 8 |
| Power supply | 8 |
| Connections | 9 |
| Headphones | 9 |
| Audio equipment | 9 |
| MP3 player | 9 |
| Computer / MIDI device | 10 |
| Foot switch | 10 |
| Pedal | 10 |
| Microphone | 11 |
| Quick start | 11 |
| Switch on | 11 |
| Volume | 11 |
| Playing the demo songs | 11 |
| Playing the sounds | 12 |
| Playing the styles | 12 |
| Playing the songs | 12 |
| Recording | 13 |
| Advanced operation | 13 |
| Selection of the main sound | 13 |
| Dual mode | 13 |
| Lower mode | 14 |
| Touch Response | 14 |
| Sustain | 15 |
| Pitch Bend | 15 |
| Transpose | 15 |
| Piano mode | 15 |
| Twinova | 16 |
| Octave | 16 |
| Auto Accompaniment | 17 |
| Rhythm track | 17 |
| All tracks | 17 |
| Ranges in the automatic accompaniment | 18 |
| Volume | 19 |
| Fingering | 19 |
| Tempo | 21 |
| Fade In/Out | 21 |
| Metronome | 21 |
| One-finger operation | 21 |
| Mixer | 22 |
| Harmony | 22 |
| Assistance function | 23 |
| Calling the function | 23 |
| Guitar mode | 23 |
| Piano mode | 25 |
| DSP effect | 25 |
| Pedal function | 26 |
| Function menu | 27 |
| Tuning | 27 |

| | |
|--|-----------|
| Split function | 28 |
| Time signature | 28 |
| Pedal | 28 |
| EQ - Equalizer | 29 |
| Reverb | 29 |
| Reverb level | 29 |
| Chorus | 30 |
| Chorus level | 30 |
| Harmony Art | 31 |
| MIDI In | 32 |
| MIDI Out | 32 |
| Switch off | 32 |
| Registration memory | 32 |
| Settings | 33 |
| Calling up the settings | 33 |
| Selection of the memory location | 33 |
| Recording | 33 |
| Starting the recording | 34 |
| Stop recording | 34 |
| Playback | 35 |
| Delete a song | 35 |
| Song | 35 |
| Listen to the songs | 35 |
| Song settings | 36 |
| Learning mode | 36 |
| Chord Dictionary - Chord Dictionary | 37 |
| USB drive | 38 |
| Basic operation | 38 |
| Playing MIDI files | 39 |
| Loading | 39 |
| Backing up data to the U-Disk | 40 |
| Deleting data on the U-Disk | 40 |
| Formatting the U-Disk | 41 |
| Keys / letters overview | 41 |
| MIDI | 41 |
| What is MIDI? | 41 |
| MIDI devices | 41 |
| Data exchange with the computer | 42 |
| Restore factory settings | 42 |
| Help with malfunctions | 43 |
| Specifications | 44 |
| Sounds overview | 45 |
| Styles overview | 51 |
| Song directory | 53 |
| Demo songs directory | 54 |
| MIDI implementation | 55 |
| WEEE Declaration / Disposal | 56 |
| Manufacturer information | 56 |

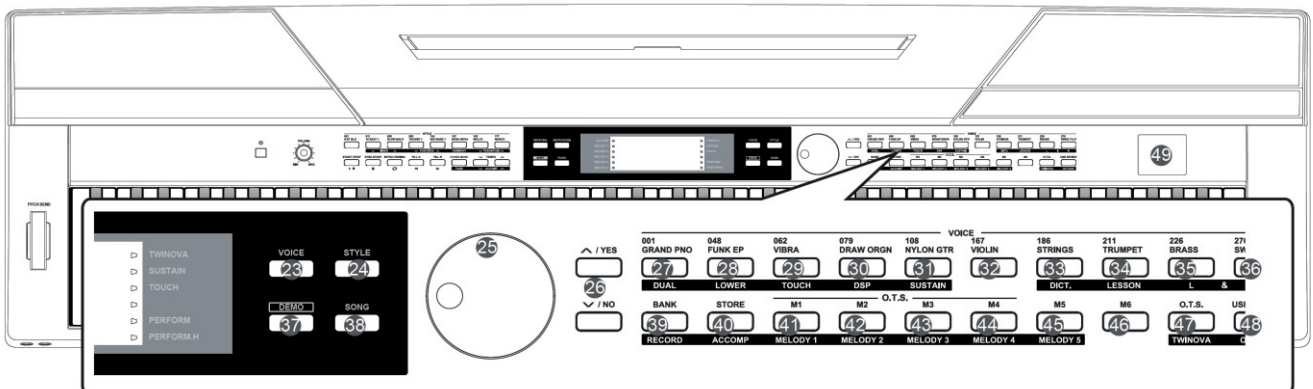
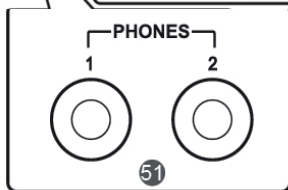
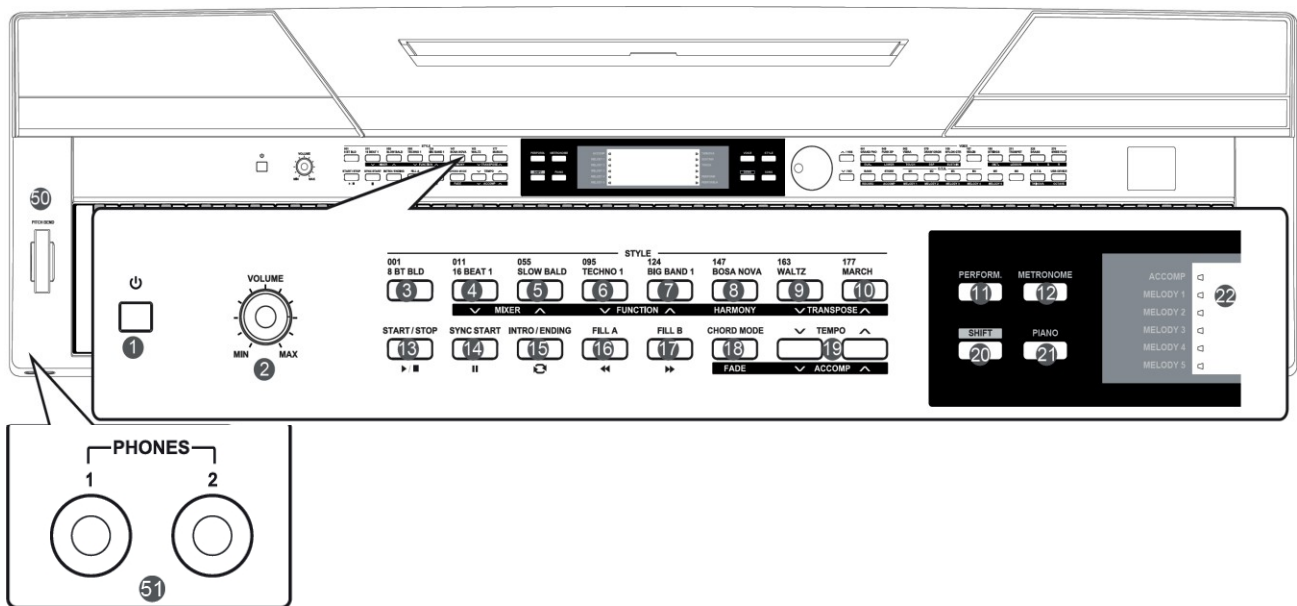
Controls and display

Back



| | | | |
|---|---|---|---|
| 1 | USB: Connection socket for a Computer | 5 | AUX OUT: connection possibility for audio Equipment |
| 2 | MIDI OUT: connection jack (the MIDI IN jack of an external MIDI device is connected here) | 6 | AUX IN: jack for MP3 or CD player connection |
| 3 | MIDI IN: Connection jack (the MIDI OUT jack of an external MIDI-device is connected to this socket) | 7 | MIC: Microphone jack |
| 4 | SUSTAIN: socket for the pedal connection | 8 | DC IN: socket for the power supply unit |

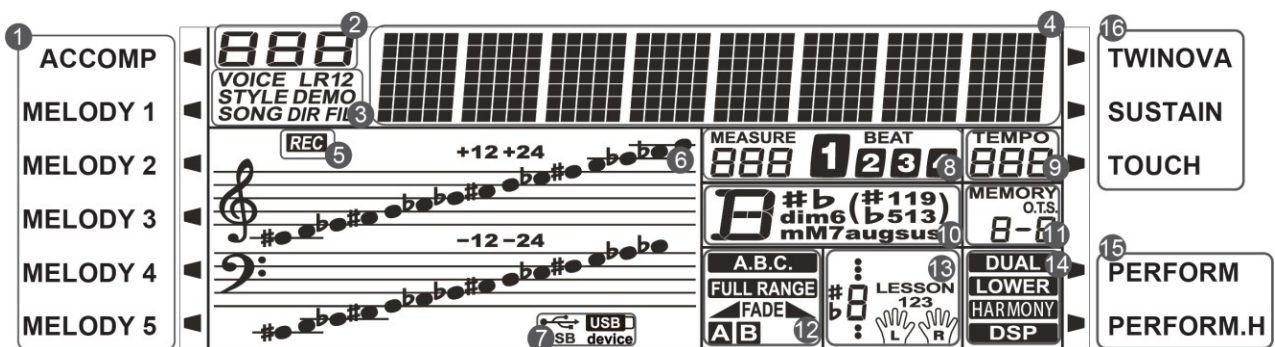
Front



| | Key assignment | With SHIFT key |
|----|---|--|
| 1 | POWER: On/Off switch | |
| 2 | VOLUME: Volume control | |
| 3 | Style direct selection buttons | |
| 4 | | Mixer + |
| 5 | | Mixer - |
| 6 | | FUNCTION - |
| 7 | | FUNCTION + |
| 8 | | HARMONY: on/off |
| 9 | | TRANSPOSE - |
| 10 | | TRANSPOSE + |
| 11 | PERFORM: assistance function on/off | |
| 12 | METRONOME: Metronome on/off | |
| 13 | START/STOP button | |
| 14 | SYNC START: on/off | |
| 15 | INTRO/ENDING | |
| 16 | FILL A | |
| 17 | FILL B | |
| 18 | CHORD MODE: Chord mode | FADE: on/off |
| 19 | TEMPO+/- | ACCOMP +/-: Volume for the auto accompaniment |
| 20 | SHIFT: function key | |
| 21 | PIANO: Mode on/off | |
| 22 | LCD display | |
| 23 | VOICE: to the voice mode | |
| 24 | STYLE: to the style mode | |
| 25 | DATA: rotary wheel: changes the value of a Parameters | |
| 26 | + / YES, - / NO: changes the value of a Parameters | |
| 27 | Direct selection for sounds | DUAL: Switching the function on/off |
| 28 | | LOWER: Switching the function on/off |
| 29 | | TOUCH: Touch sensitivity |
| 30 | | DSP: Switching the function on/off |
| 31 | | SUSTAIN: Switching the function on/off |
| 32 | | DICT: Switching the dictionary function on/off |
| 33 | | |

| | | |
|----|---|---|
| 34 | | LESSON: Switching the learning function on/off |
| 35 | | LEFT HAND: left hand in the learning function |
| 36 | | RIGHT HAND: right hand in learning function |
| 37 | DEMO: starts or stops the playback of a Demos | |
| 38 | SONG: activates the song mode | |
| 39 | BANK: changes the memory locations | RECORD: Switching the recording function on/off |
| 40 | STORE: stores settings | ACCOMP: selects the automatic accompaniment for recording |
| 41 | M1 to M6: calls up settings stored there. In O.T.S. mode, only M1 to M4 can be called up. | Melody 1-5: Selection of the melody track for recording |
| 42 | | |
| 43 | | |
| 44 | | |
| 45 | | |
| 46 | | |
| 47 | O.T.S.: switches the One Touch function TWINOVA: switches the function on or off | |
| 48 | USB DEVICE: calls the corresponding OCTAVE: setting the parameter menu | |
| 49 | USB socket | |
| 50 | PITCH BEND: rotary wheel for changing the pitch of the sound | |
| 51 | PHONES: headphone jacks 1/4" | |

LCD



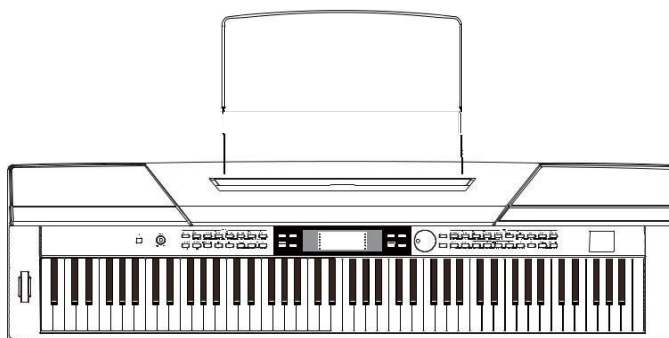
| | | | | | |
|---|--|----|--|----|---------------------------------------|
| 1 | Auto Accompaniment / Melody tracks | 7 | USB cable / drive | 13 | Notes / Lesson (learning function) |
| 2 | Number | 8 | Time signature/ beat | 14 | Dual, Lower, Harmony, DSP |
| 3 | Voice, Style, Demo, Song, You, File | 9 | Tempo | 15 | Perform / Perform H. |
| 4 | String | 10 | Chord | 16 | Twinnova / Sustain / Touch |
| 5 | Recording | 11 | Memory number / One Touch setting | | |
| 6 | Violin/Bass clef | 12 | A.B.C / FULL RANGE / Fade / Section | | |

Structure

Please go through the section carefully before you switch on the device. Please always use a suitable power supply, 12V DC. For your safety, unplug the instrument during lightning storms or whenever it is not in use.

Structure of the music stand

Place the music stand in the recess of the console (see drawing).



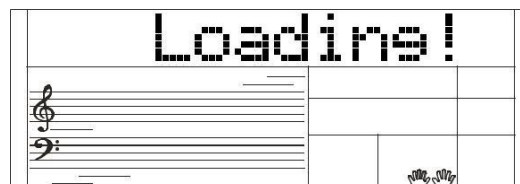
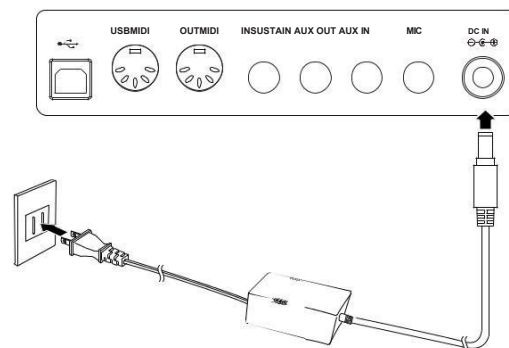
Power supply

1. Turn the volume of the instrument and any connected devices to minimum.
2. Connect the power supply to the corresponding socket on the piano.
3. Connect the other end of the power supply to the wall outlet.
4. Switch on the device; the display shows "Loading".
5. To turn off the piano, press and hold POWER until the display goes blank.

Please note that the device switches itself off if it is not used for more than 30 min.

If you do not use the device for a longer period of time, please disconnect it from the power supply.

The same applies during a thunderstorm.



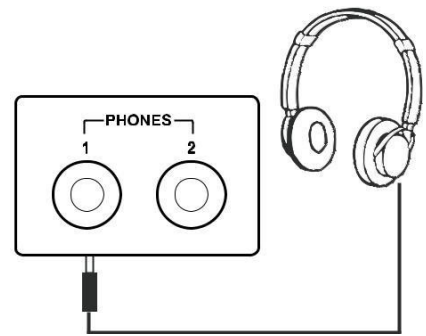
Connectors headphones

You can connect standard headphones to this jack if you want to play at rest or late at night.

"Headphone Jack 1" is the jack 1 for the headphones. If you connect headphones here, you can hear the piano sound through the headphones as well as from the piano itself.

"Headphone Jack 2" is the jack 2. Once you connect to this jack, the sound transmission through the piano is stopped and you can only receive the piano sound through the headphones.

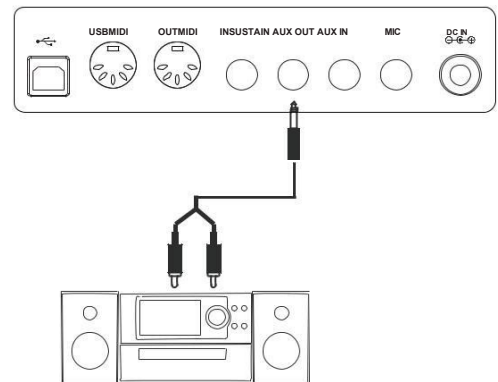
Please turn down the volume if you play with headphones for a long time, otherwise your hearing could be permanently damaged.



Audio equipment

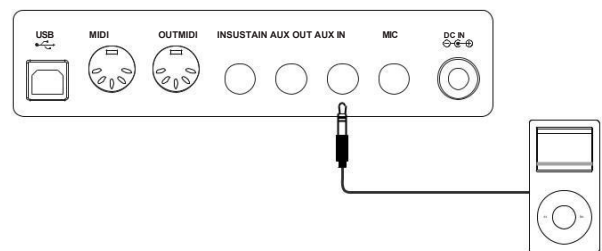
The AUX OUT jack on the rear panel of the piano is a connection point for amplifiers, stereos, mixing consoles or recorders. Use an audio cable to connect the instrument to the external device.

Before connecting, please turn the volume to minimum to prevent damage to speakers.



MP3 player

Connect the output of an MP3 or CD player to the AUX IN jack on the back of the unit. The incoming signal will be mixed with the piano signal and you can play along with the music.



Computer / MIDI device

MIDI OUT

Connect the MIDI output of the piano to the MIDI input of another device. All data will be transmitted to the external devices and the piano will be used as a MIDI controller.

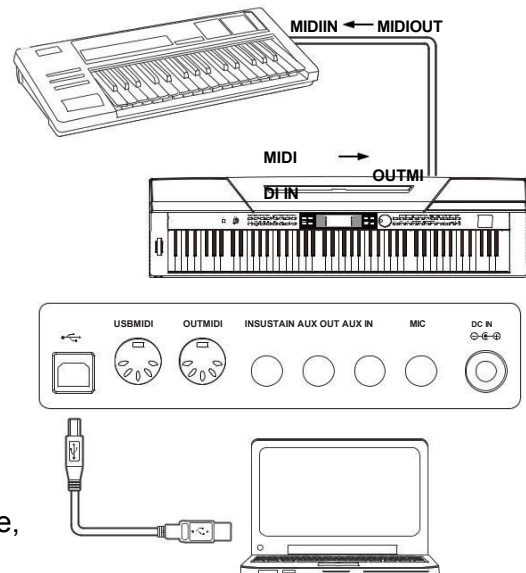
MIDI IN

If you connect the MIDI input of the piano to the MIDI output of another device, you can use the piano as a sound source.

USB

If you connect the computer and the piano via a USB cable, you can exchange data between the devices, e.g. you can transfer songs to the computer and save them there as MIDI files.

Please note: Do not select "USB Audio Device" for input and output, otherwise the sound will overlap.



Foot switch

To achieve a natural effect, you can connect a foot pedal to turn a sustain on or off. Foot switches from other manufacturers are also supported. Please make sure that the device is switched off when you connect switches of other manufacturers, otherwise switching on and off could be reversed!

You can also set other functions on the switch. To do this, go to the function menu.

Pedal

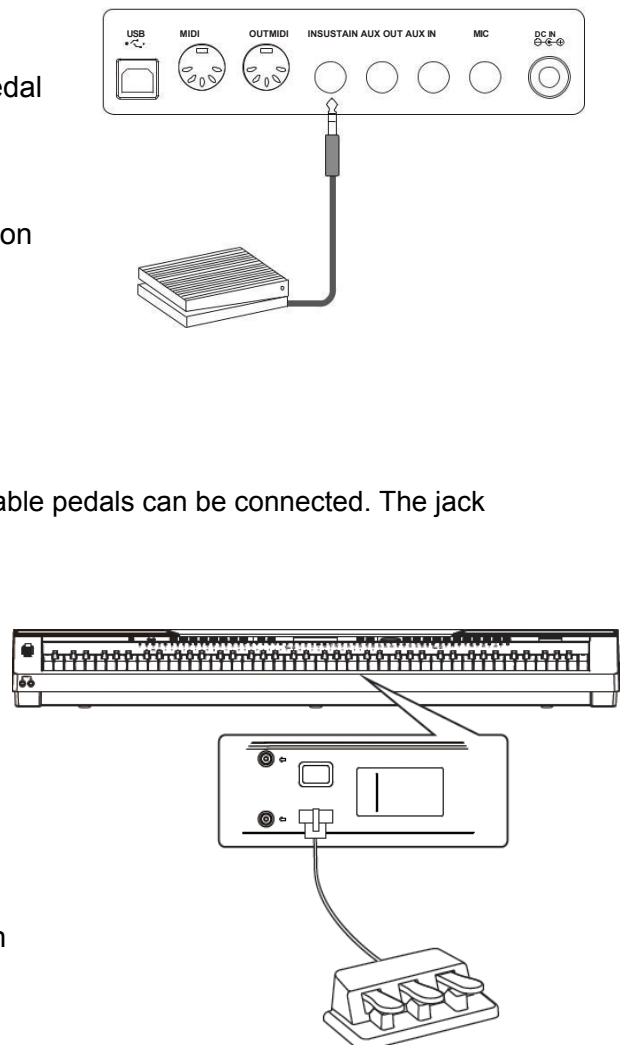
To simulate an acoustic piano, optional separately available pedals can be connected. The jack is located on the back of the unit.

Sustain pedal: The right pedal lets the notes decay as if you were holding down the keys.

Sostenuto pedal: The middle pedal generates a sustain-like effect, i.e. the tones sound longer. The effect only applies to notes that have already been played. Tones that you play after pressing the middle pedal are not affected.

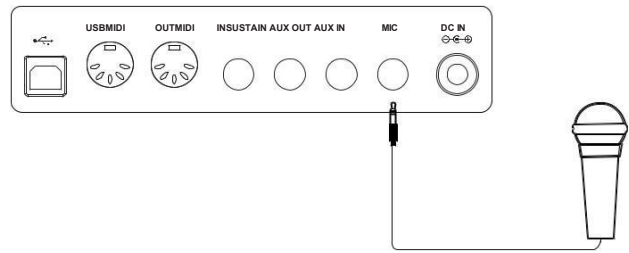
Soft pedal: When you press the left pedal, the volume of the piano is reduced and the timbre of the notes played is slightly altered.

You can also set other functions on the switch. To do this, go to the function menu.



Microphone

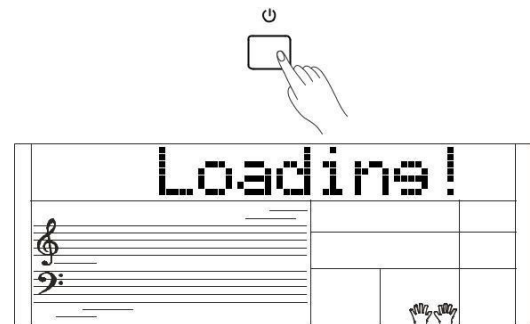
1. Set the volume to minimum.
2. Connect the microphone to the MIC jack on the rear panel.
3. Turn on the device and adjust the volume.



Quick start

Switch on

1. Make sure that the device has been connected correctly.
2. Press POWER; the display shows "Loading". If the display remains dark, please check the power supply.



Volume

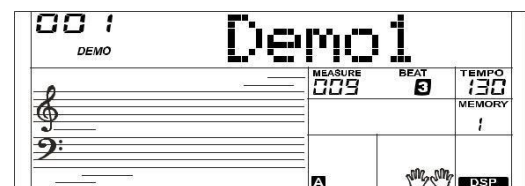
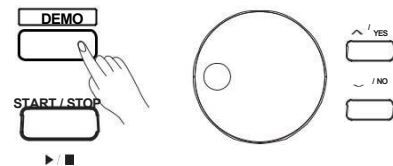
Turn the VOLUME knob to the right to increase the volume or to the left to decrease it.



Playing the demo songs

The piano has five wonderful demo songs. You can find a list of the demo songs in the appendix.

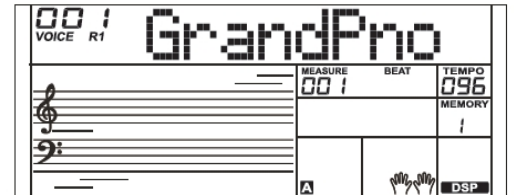
1. Press DEMO to start a demo song; the display shows the name and number of the song.
2. Use the DATA dial or the +/YES and -/NO keys to select a demo song. The display shows the name and Number of the song. The songs are displayed in a Endless loop played.
3. to stop the demo song, please press the START/STOP keys. Press again or Press DEMO to enter the demo mode. leave



Playing the sounds

The piano has over 600 fantastic sounds (voices). You can find a list in the appendix.

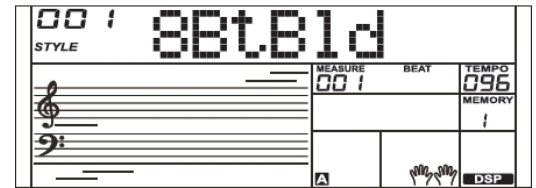
1. Press VOICE; the display will show the name and number of the sound.
2. Use the DATA dial or the +/YES and -/NO keys to select a sound.
3. Play on the keyboard and listen to the Sound!



Playing the styles

The piano has 230 different fantastic styles as well as 10 user style
A list can be found in the appendix.

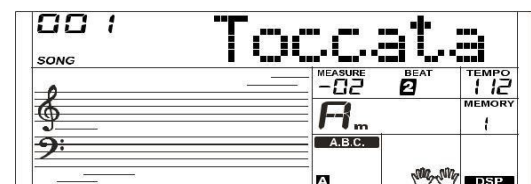
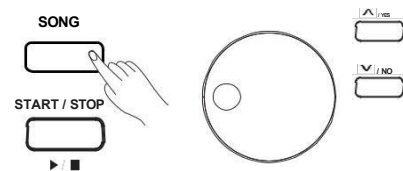
1. Press STYLE; the display shows the name and number of the style.
2. Use the DATA dial or the +/YES and -/NO keys to select a style.
3. Press START/STOP; the rhythm starts immediately.



Playing the songs

The piano has 120 different fantastic styles as well as 5
user songs.
A list can be found in the appendix.

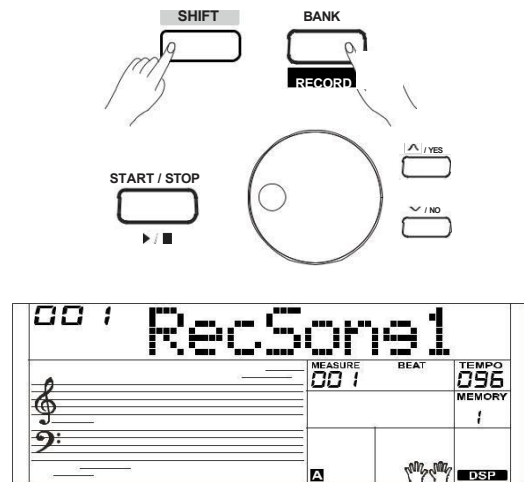
1. Press SONG; the display shows the name and number of the song.
2. Use the DATA dial or the +/YES and -/NO keys to select a style.
3. Press START/STOP; the playback will be stopped, press the button again and then the songs will be played in turn
4. Press STYLE or VOICE to exit the mode. (When playback is paused)



Recording

The piano can record 5 user songs.

1. Press SHIFT and RECORD and select with the rotary knob or the keys +/YES or -/NO to select the song you want to record.
2. Press SHIFT and RECORD again and prepare the recording by selecting Sound and select styles and other settings make.
3. Press START/STOP or start to start the recording.
4. To stop recording, press SHIFT and RECORD again. The song will now be played back continuously.
5. Press SONG to select a user song (121-125) for playback.



Advanced operation

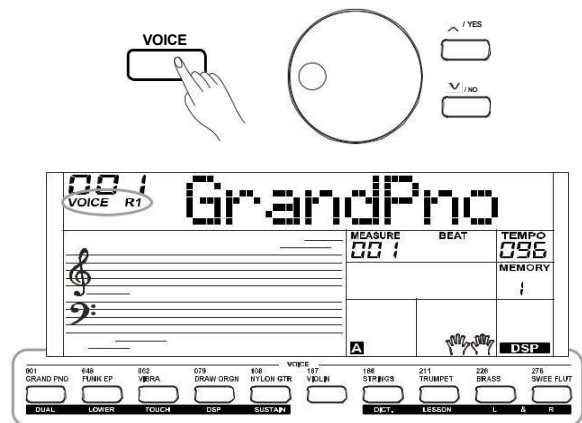
This piano has over 600 exceptionally realistic sounds, the Voices. A list of all the sounds can be found in the appendix.

Selection of the main sound

Press the VOICE key. The display shows "VOICE R1" and the number and name of the sound.

Select a voice by using the rotary wheel or the +/YES and -/NO keys. You can also select a voice directly using the voice keys.

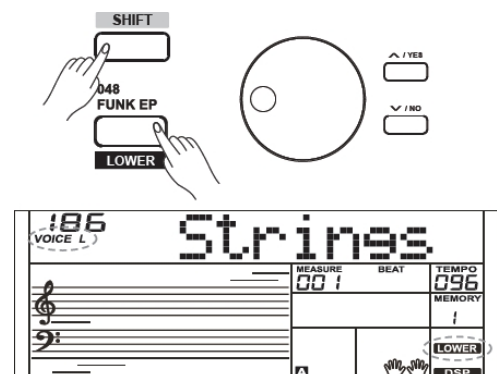
Each of the voice buttons has three voice Sources: R1, R2, and L1. When the dual or Lower function is active, you can press the voice key between the sound sources change. The corresponding indicator light lights up.



Dual mode

Press the SHIFT and DUAL keys. Two different voices sound simultaneously. The number of the dual voice is shown in the display.

Select a dual voice (= VOICE R2) by pressing

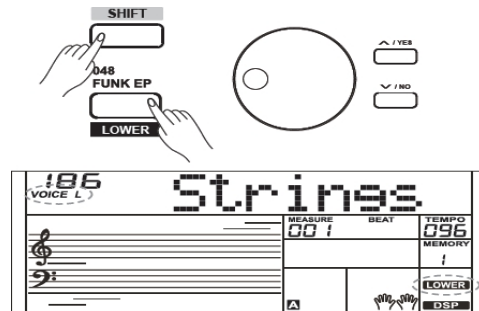


When the keyboard is in split mode, only the area for the right hand is occupied by the dual voice, the one for the left hand is not.

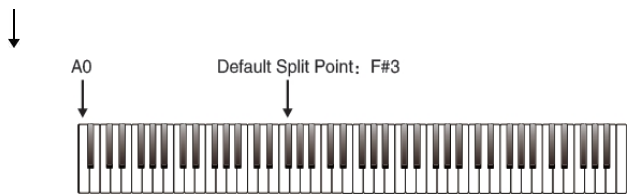
Lower mode

To play with two different sounds "side by side", press the SHIFT and LOWER keys. The number of the lower voice is displayed in the display (VOICE L). You can select a lower voice by using the rotary knob or the +/YES and -/NO keys or the voice keys.

Pressing the SHIFT and LOWER keys again will exit the mode.



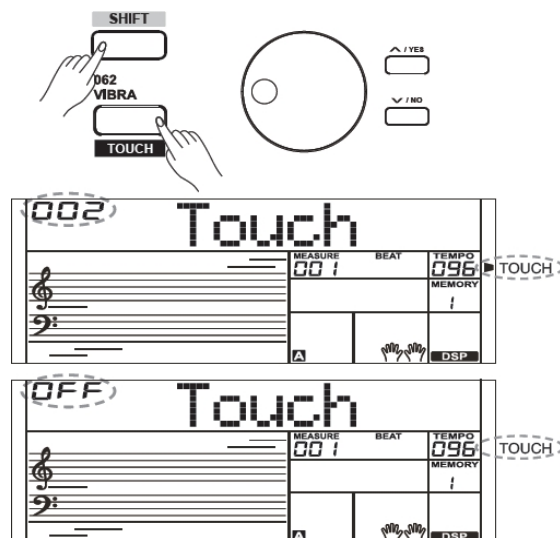
The **splitpoint** represents the separation between VOICE L and VOICE R1/R2. It is located at the factory (default) at F#3 (34). However, you can assign it to any key. Please refer to the chapter "Setting the split point".



Velocity - Touch Response

The keyboard is equipped with a touch response function, which means that the force of your touch directly affects the sound, just like on an acoustic instrument.

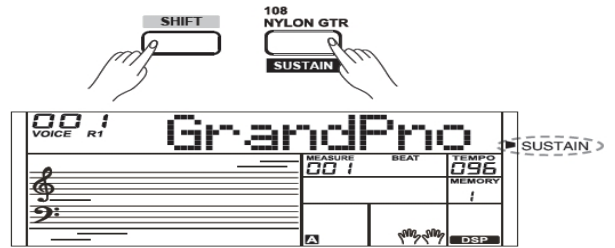
Press SHIFT and TOUCH, the display will show the current value. The range is from OFF to 3 (hard). The factory setting is 2. Use the rotary knob or the +/YES and -/NO keys to change the value or press + and - simultaneously to return to the factory setting.



Sustain

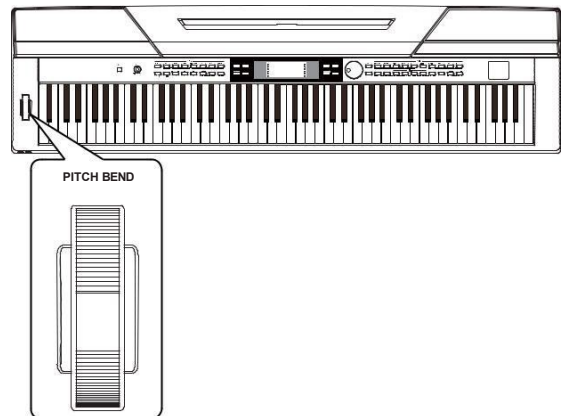
To turn the function on or off, please press SHIFT and SUSTAIN.

To achieve a more natural sustain, you should use a sustain pedal. Please also read the chapter "Pedal functions".



Pitch Bend

Move the Pitch Bender back and forth while you play. You can use it to imitate the bending of other instruments such as guitar, violin, saxophone, etc. It will return to its original position by itself when you release it.

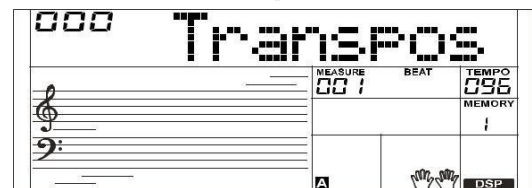
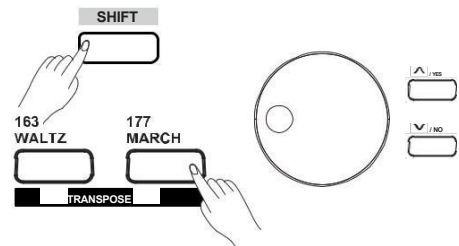


Transpose

This function allows you to change the pitch of the instrument. The range is one octave in semitone steps (-12 to +12).

Press SHIFT and TRANSPOSE + or -, "****Transpos" appears in the display. You can now change the pitch with the TRANSPOSE + or - keys. Press both keys simultaneously if you want to restore the factory setting "000Transpos". The transposition applies to all parts of the music and the keyboard.

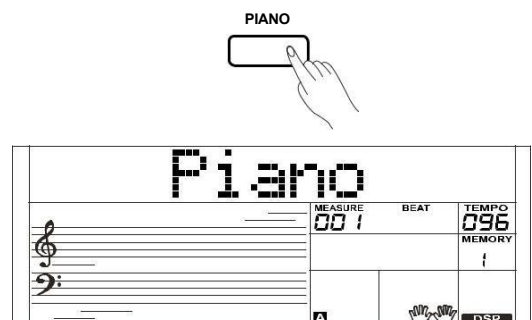
Use the rotary wheel or the keys +/YES and -/NO or TRANSPOSE + or - to change the value. Press +/YES and -/NO or TRANSPOSE + and - simultaneously to reset the value to the factory setting.



Piano mode

You can enter the Piano mode by pressing a single button. Press the PIANO button to enter or exit the mode.

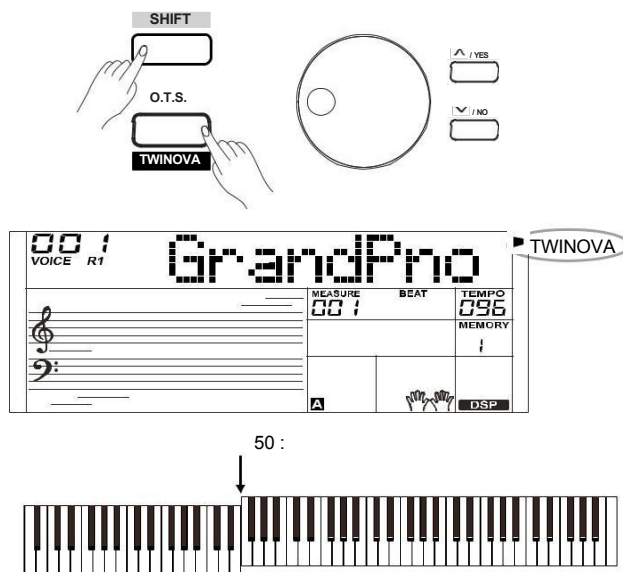
Auto Accompaniment works just like in other modes; it takes over the rhythm part. Chord mode is automatically turned off.



Twinova

In Twinova mode, the keyboard is divided into two sections with the same pitch and voice.

1. To start (or exit) the mode, press the SHIFT and TWINOVA keys. The indicator lamp "Twinova" lights up. In this mode, the "Dual" and "Lower" functions are not available, the split point is at E3 (32),
2. Voice selection: In Twinova mode, the active voice is the Upper Voice. You can select this as usual before activating the mode.
3. Setting the split point: see the corresponding chapter.
4. Octave setting in active Twinova mode: Press OCTAVE; the display briefly shows the current value. You can change it with DIAL or +/-; the range is from -1 to 1.



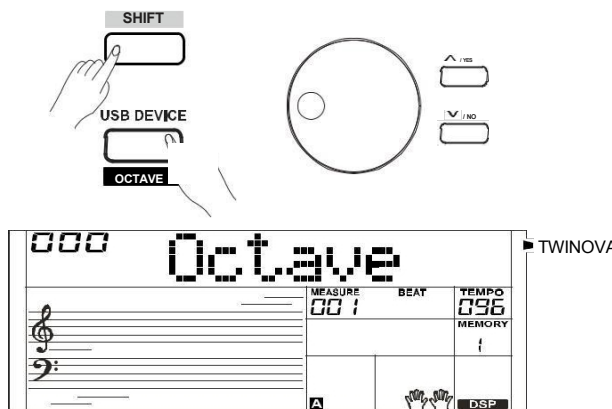
Please note

In demo and song mode, the Twinova function is not available, and the octave function may be restricted in the lowest and highest ranges.

Octave

This function changes the pitch up or down by one octave. Adjustment is only possible in Twinova mode. When you exit Twinova mode, the settings are reset.

1. In Twinova mode, hold down the SHIFT- key and press OCTAVE at the same time; the display briefly shows the current setting "xxx Octave". You can now change the setting using the rotary knob or the +/YES or -/NO keys. change. The range is from -1 to +1. Press the +/YES and -/NO keys simultaneously to restore the factory setting 000.
2. If no indication is made within 5 seconds, the system automatically exits the octave mode.



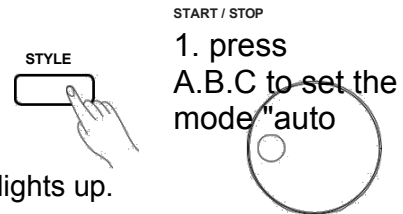
Auto Accompaniment

This function provides you with a full band or orchestra as accompaniment. Depending on the chords you play with the left hand, the auto accompaniment adjusts itself independently. The instrument has over 230 styles in a variety of different musical genres. Try out different ones, a list of available styles can be found in the appendix.

Rhythm track

1. Press STYLE, the display shows Name

START / STOP SYNC START and number of the style and the indicator lamp lights up.



2. Select a style. To do this, use the rotary wheel or the +/YES and -/NO keys. You can also select the styles directly using the style buttons.
3. Press START/STOP to start the rhythm track of the auto accompaniment.
4. Press START/STOP to stop the playback.

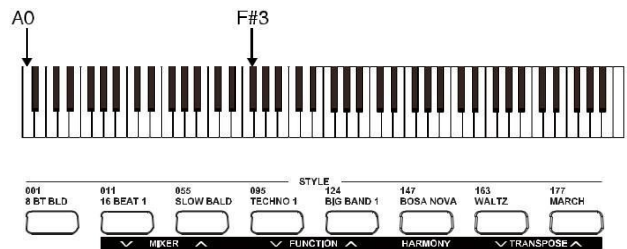
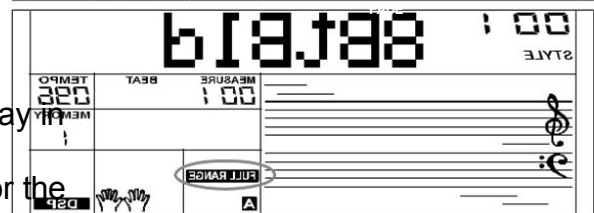
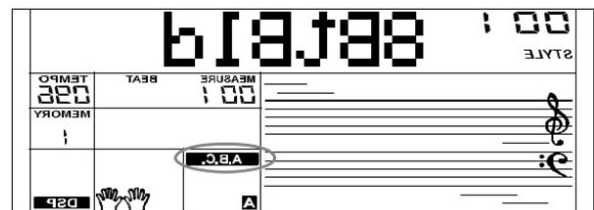
All tracks

bass chord"; the indicator light lights up. The range for the left Hand becomes the area for the Auto Accompaniment. Chords that you can play in this area, will automatically detected and used as a basis for the fully automatic accompaniment used.

2. press SYNC START and play a chord around the auto-accompaniment for all tracks. Press START/STOP to start the auto accompaniment for

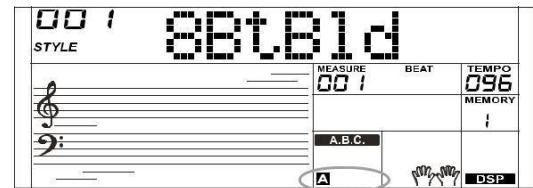
start the rhythm track and play You play a chord with the left hand. The Auto Accompaniment for all tracks will started.

The instrument includes 10 user (user) styles. You can use the software "Use OC Suite" to create your own styles.



Ranges in the automatic accompaniment

There are several types of auto accompaniment sections that allow you to customize the accompaniment arrangement to the song you are playing, such as Intro, Main (A, B), Fill In (A, B) and Ending. You can easily switch between them while playing to create your own personal arrangements.



Intro

This section is used for the introduction of a piece. As soon as the intro is finished, the auto accompaniment changes to the main part.

Main part

This is the main part of the piece, an accompaniment pattern is played over several bars, repeated until another section is selected.

Fill In

This section provides dynamic variations that make your playing sound even more professional. As soon as the Fill In is finished, the auto accompaniment returns to the main pattern (A, B).

Ending

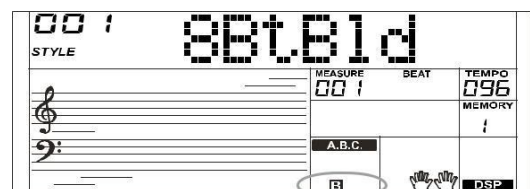
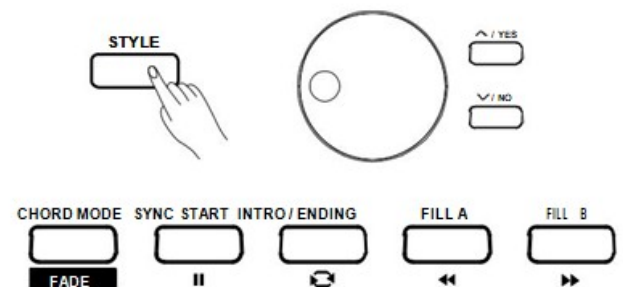
This section is used to end the song. After an ending, the auto accompaniment stops. The length of an ending depends on the selected style.

Please note

A selected fill is repeated as long as you keep the A/B button pressed.

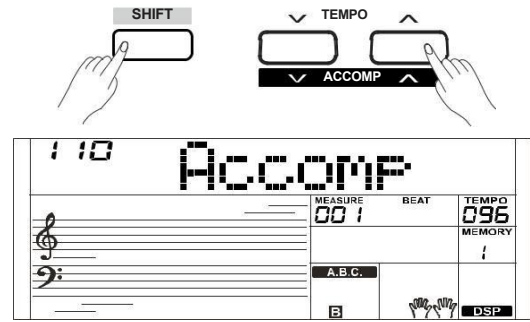
Playing with different areas

1. Press STYLE.
2. Select a style.
3. Press CHORD MODE.
4. Press SYNC.
5. Press A.
6. Press INTRO/ENDING. Now the "A" flashes on the display, the style is ready to play.
7. As soon as you play a chord with the left hand, the auto accompaniment starts. When the intro is finished, the auto accompaniment changes to the main pattern A.
8. Press B. A Fill In is played, followed by Mainpattern B.
9. Press INTRO/ENDING. The ending is played, then the auto accompaniment stops.



Volume

1. Hold down the SHIFT key and press ACCOMP+ or ACCOMP-, the display shows the value of the currently set volume. The value range is from 0 to 127.
2. Use ACCOMP+/- or +/YES and -/NO to change the value.
3. To mute the auto accompaniment, press SHIFT, ACCOMP+ and ACCOMP- simultaneously. The display will show "Off Accomp". Press the keys again to hear the accompaniment again.

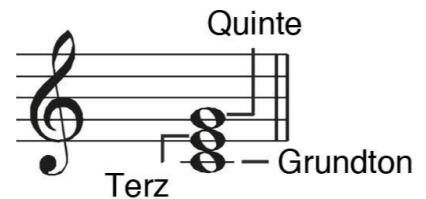


Fingering

Fingering is the way the system recognizes how you play the chords with your left hand. There are two types, described below: Chord Fingering mode and Full Range mode.

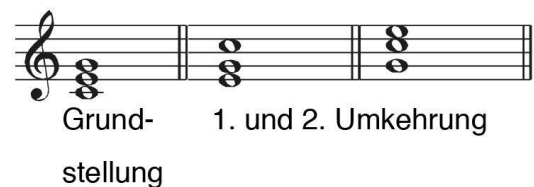
Basics

A chord consists of three or more notes played simultaneously. For example, a C major chord consists of the notes C as the root, E as the third note (third) of the C major scale, and G as the fifth note (fifth) of the C major scale.



As shown in the previous example, the lowest note is called the root. The interval to the root (minor or major third) determines whether a triad is a minor or major chord.

The basic characteristic of the triad is preserved even if we change the order to play different inversions.

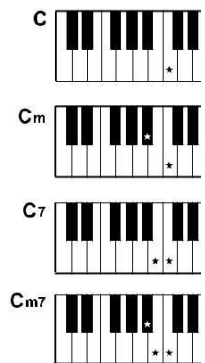
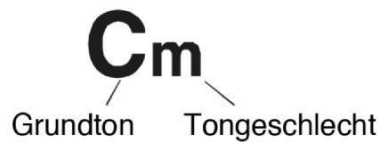


Frequent triads

| | | |
|-----------|------------|---|
| Major | Major |  <p>Dur-Dreiklang Moll-Dreiklang</p>  <p>Verminderter Übermäßiger</p> |
| Minor | Minor | |
| Excessive | Augmented | |
| Decreased | Diminished | |

The name tells which root it is, whether it is a major or minor chord, or a diminished one, etc.

The chord name is composed of the root note and the tonal gender. In the example on the right, the chord is a C minor chord.



Single finger

In this mode you can play the whole variety of chord by pressing only a few keys.

Multi Finger

This mode allows playing with normal fingering. Try to play the 32 chords in C listed in the adjacent table.

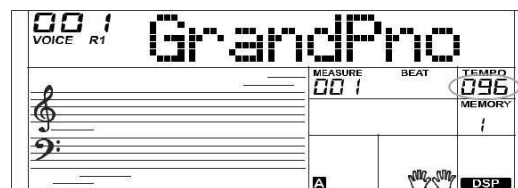
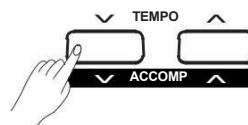
Full Range Mode

In this mode, the keyboard recognizes only chords with normal fingering.

| | | | | | |
|---------------------------|---------------------------|----------------------------------|-------------------------------------|---|----------------------------|
| 0 C | 1 C ₆ | 2 C _{M7} | 3 C _{M7} (#11) | 4 C _M (9) | 5 C _{M7} (9) |
| 6 C ₆ (9) | 7 C _{aug} | 8 C _m | 9 C _{m6} | 10 C _{m7} | 11 C _{m7} (b5) |
| 12 C _m (9) | 13 C _{m7} (9) | 14 C _{m7} (11) | 15 C _m M ₇ | 16 C _m M ₇ (9) | 17 C _{dim} |
| 18 C _{dim7} | 19 C ₇ | 20 C _{7sus4} | 21 C ₇ (b5) | 22 C ₇ (9) | 23 C ₇ (#11) |
| 24 C ₇ (13) | 25 C ₇ (b9) | 26 C ₇ (b13) | 27 C ₇ (#9) | 28 C _{M7aug} | 29 C _{7aug} |
| 30 C _{sus4} | 31 C ₁₊₂₊₅ | Noten in Klammern sind optional. | | | |

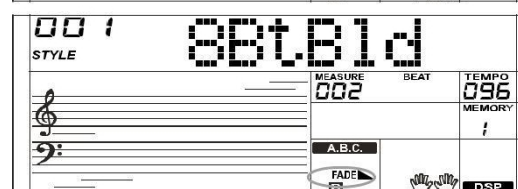
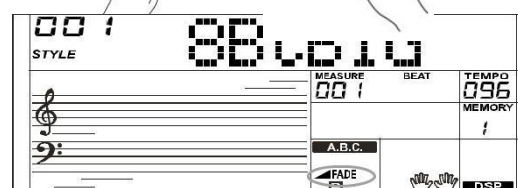
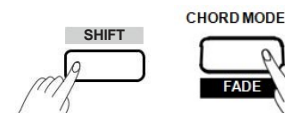
Tempo

Each style in this instrument has been programmed with its own tempo. Nevertheless, the tempo can be adjusted to your liking. To do this, use the TEMPO+ or - buttons. The value of the tempo will start flashing. You can also change the tempo with the rotary wheel. To restore the original tempo, press the TEMPO + and - keys simultaneously.



Fade In/Out

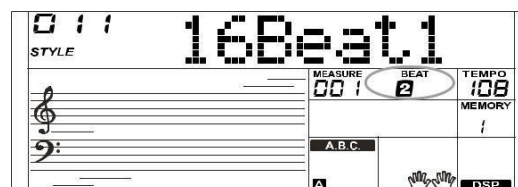
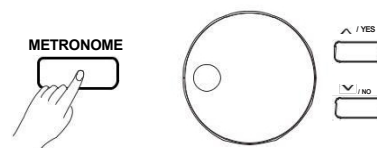
1. Fade In: Press SHIFT and FADE before the Style is played. The indicator lamp lights up and flashes. The style starts smoothly by increasing the volume.
2. Fade Out: To let the Style fade out smoothly, press the SHIFT and Fade buttons during playback. The indicator lamp lights up and flashes. The fade duration is 10 seconds.



Metronome

Press the METRONOME button to turn the metronome on or off. For more information about the setting, see the chapter "Function Menu".

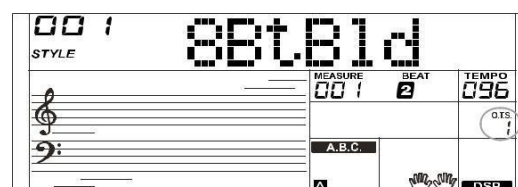
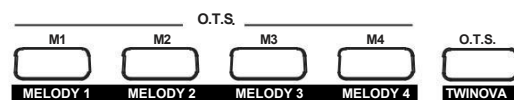
Start the auto accompaniment, the metronome will adjust the beat. When recording, the metronome is available, but its sound is not recorded.



One-finger operation

This function is a very comfortable interior, where you can find virtually all View settings related to auto accompaniment at the touch of a button.

1. Press O.T.S. to change the settings for the currently selected style; the indicator lamp lights up.
2. Press one of the setting buttons M1-M4. Various settings such as Voice, Effect, etc., which are correlated with the current Style, will be displayed. The O.T.S. parameters include: Part on/off, Voice Change, Voice Volume, Reverb and Chorus levels.

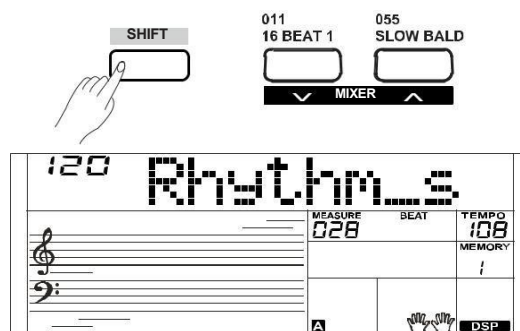


In this mode, the A.B.C. function is automatically switched on. Memory cannot be registered.

Mixer

With this function the volume of the different tracks can be changed.

1. Press the SHIFT and MIXER keys. The display shows the first parameter and the current number.
2. Adjust the volume to your liking (in the range from 0 to 127) using the rotary wheel or the +/YES and -/NO buttons.
3. Press SHIFT and MIXER again to select the other parameters.



If no input is made within 5 seconds, the function is terminated. The following parameters can be set:

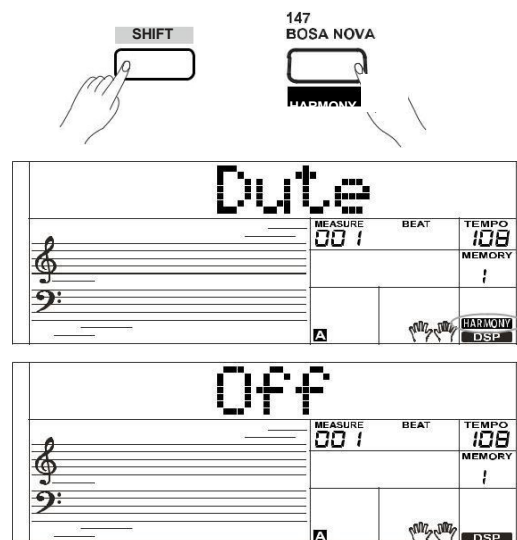
| Parameter | Display indication | Area |
|------------------|--------------------|-------|
| Rhythm s volume | XXX Rhythm_ s | 0-127 |
| Rhythm m volume | XXX Rhythm_ m | 0-127 |
| Bass volume | XXX Bass | 0-127 |
| Chord 1 volume | XXX Chord1 | 0-127 |
| Chord 2 volume | XXX Chord2 | 0-127 |
| Chord 3 volume | XXX Chord3 | 0-127 |
| Phrase 1 volume | XXX Phrase1 | 0-127 |
| Phrase 2 volume | XXX Phrase2 | 0-127 |
| Voice R1 volume | XXX Upper 1 | 0-127 |
| Voice R2 volume | XXX Upper 2 | 0-127 |
| Voice L volume | XXX LOWER | 0-127 |
| U_Disk midi play | XXX U_Disk | 0-127 |

Harmony

You can add different harmony notes to the notes of the right hand.

Harmony type selection

1. Press SHIFT and HARMONY; the display shows "Duet" and the indicator lamp lights up.
2. Use the rotary wheel or the +/YES and -/NO keys to change the type of harmony. The



Instrument has 26 harmony effects. You can find the directory in the appendix.

3. Press SHIFT and HARMONY again to turn the effect on; the display shows "off".

Applying the harmony effect

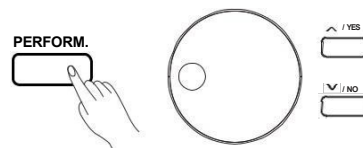
1. Turn on the auto accompaniment.
2. Play a chord with the left hand.
3. Play some notes with the right hand. The harmony notes are added automatically.

The harmony functions 1+5, octave 1-2, echo 1-4, tremolo 1-4 and trill 1-4 can always be applied. Other harmony functions are only available when auto accompaniment is active.

Harmony effects cannot be recorded.

Assistance function

There are two sounds available in this function: Guitar and Piano. It is an easy-to-use function that can make playing more interesting for guitarists and keyboard players. The assistant is equipped with many wonderful phrases!

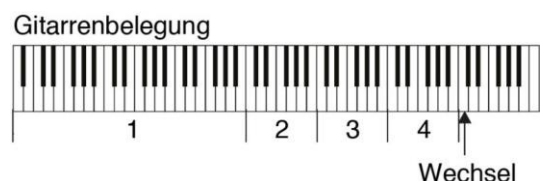


Calling the function

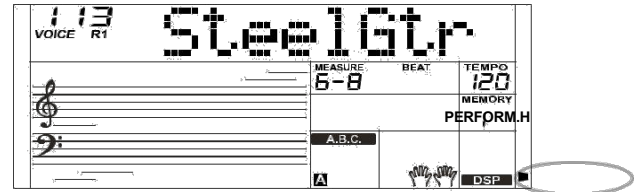
1. press the PERFORM key to select the wizard. Ex works the Guitar mode switched on and in the display appears the name and number of the Guitar sounds.
2. Change the sound using the +/Yes or -/No buttons.
3. The display shows "4-4" as the time signature. You can change the time signature in the function menu. The following can be selected: 2/4, 3/4, 4/4 and 6/8.
4. You can set the tempo with the TEMPO+ and TEMPO- keys.

Guitar mode

In this mode you can play on the keyboard like on a guitar. For example, strumming (5), broken chords (5), echoism (5), and two endings are possible. The keyboard is divided as follows:

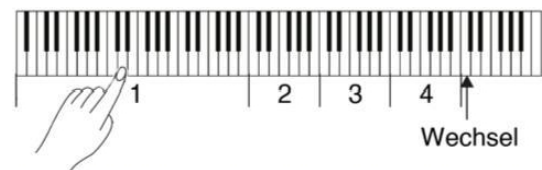


1. A0 to B3 - Chord Part area. Here you can play chords.
2. C4 to B4 - white keys only: Broken Chord section.
3. C5 to A5 - only the white keys: corresponding guitar strings. Here you can play a free solo.
4. C6 to G6 - white keys only: rhythm section. Here you will find unique strums and styles, use them for an ending for example.
5. Press C7 and the sound is moved to a higher position. The keys above C7 are not available in this mode.

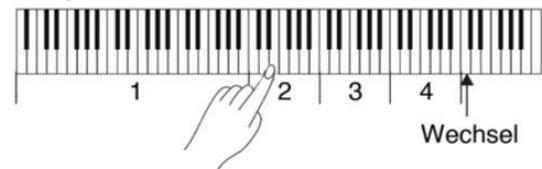


Playing in guitar mode

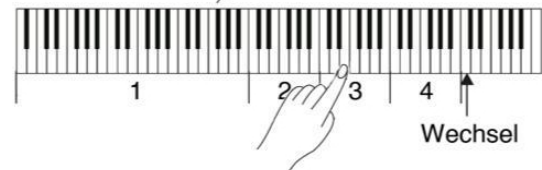
Play a chord in the 1st range. The chord is shown in the display and you hear the root note.



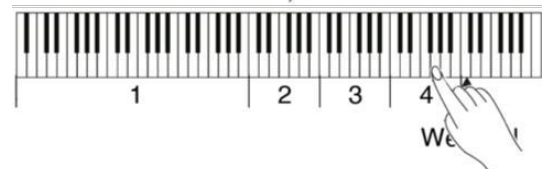
Try different keys in the 2nd range; you will hear different wonderful phrases each time.



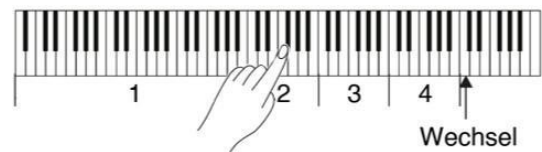
Play a chord with the left hand and a free solo in the 3rd range.



Try an accompaniment in the 4th range (strumming).

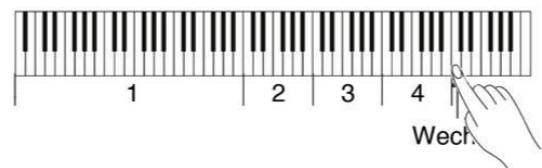


To end your game with an Ending, press the A6 or B6 keys. The accompaniment stops automatically.



All black keys in areas 1, 2 and 4 are echo keys. There are five types: C#, D#, F#, G#, A#.

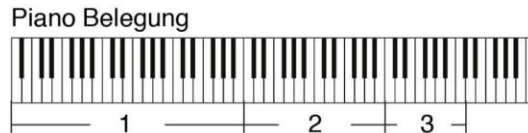
Position change: Press C7; "Perform.H" appears in the display. Play the white keys in areas 1, 2 and 4 and hear the new sound.



Piano mode

In this mode you can play like on an acoustic piano. Various functions are available for this purpose: Piano Rhythms (5), Broken Chords (5) and three Endings.

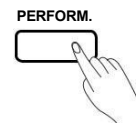
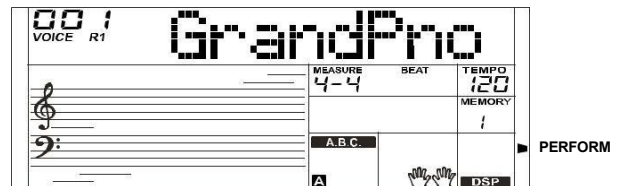
The assignment is similar to the guitar mode: press the keys A6 to C7 to play an ending. The black keys above C4 are not assigned in this mode.



When the keyboard is in assist mode, use the rotary wheel or the +/YES or -/NO keys to switch to piano mode.

Try out the different areas and finish your game with one of the endings.

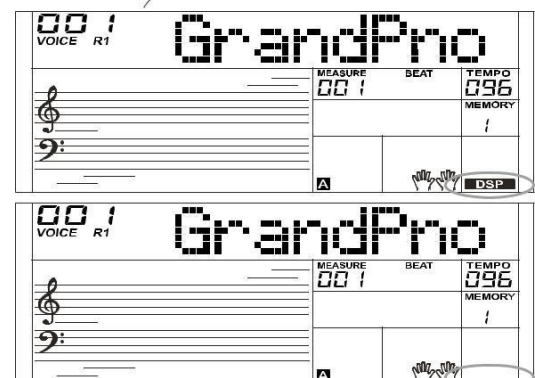
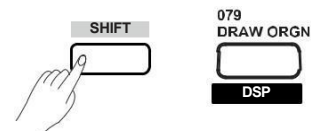
To exit the assistance function, press one of the following buttons: VOICE, STYLE, SONG, PERFORM.



DSP effect

With the help of the built-in digital effects, you can add ambience and depth to your music in a variety of ways. For example, you can add reverb so that the sound is like playing in a large hall, or you can add harmony notes for a fuller sound.

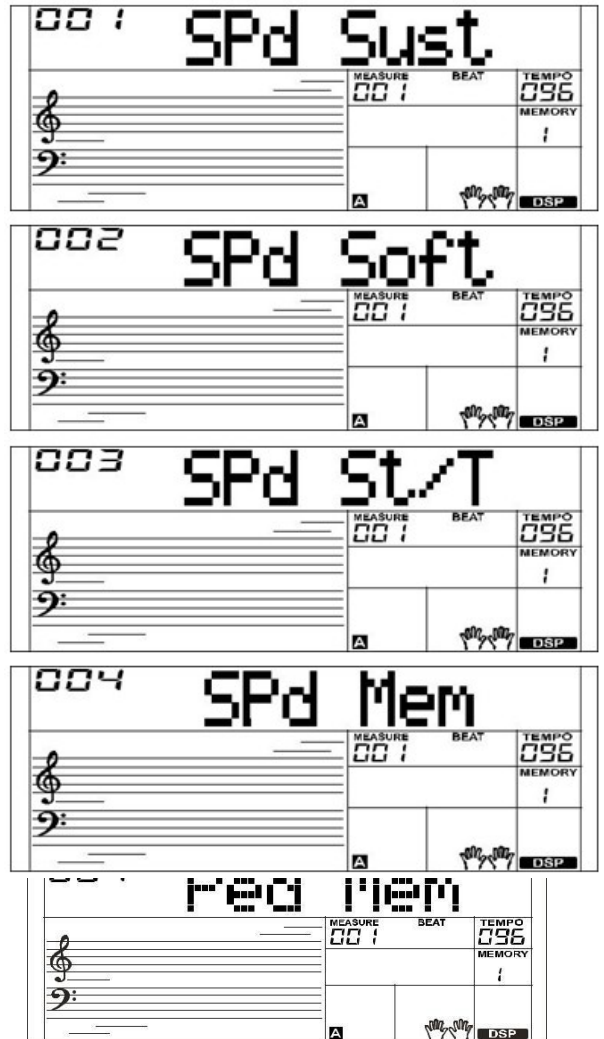
1. When the device is switched on, the DSP effect is active and the indicator light is on.
2. Press the SHIFT and DSP keys to turn off the effect.



Pedal function

The pedal can be assigned various functions that give your playing more natural expression. You can also find details about this in the chapter "Pedal types".

1. Sustain Pedal (SPd Sust) This pedal function simulates a damper effect of an acoustic piano which makes the notes sound longer.
2. Soft Pedal (SPd Soft) When you press the pedal, all the notes get a softer sound.
3. Style Start/Stop Pedal (SPd St/T) If you assign the function "Pedal St/T" to the pedal, it gets the same function as the START/STOP button.
4. Memory Pedal (SPd Mem) The "Pedal Mem" function loads the next parameter from M1 each time the pedal is pressed. The maximum number is 32.



The soft pedal of a unit pedal can be assigned other pedal functions. For details, refer to the Menu function.

1. Pedal Soft (UPd Soft)
2. Pedal St/T (UPd St/T)
3. Pedal Mem (uPd Mem)

Function menu

Press the SHIFT and FUNCTION keys to enter the function menu; the current function appears in the display. Use the rotary knob or the +/YES and -/NO keys to change the parameters. See the following table:

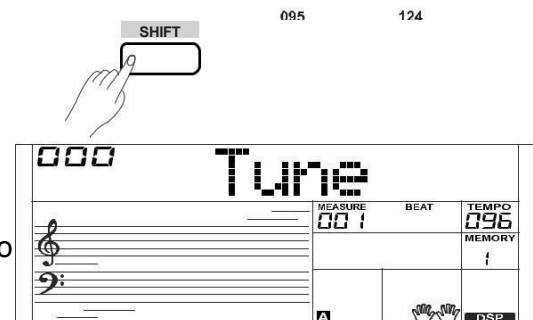
| CONTENT | LCD DISPLAY | RANGE | DEFAULT |
|----------------|--------------|--|-----------------|
| Tune | XXX Tune | -50...50 | 0 |
| Beat Type | XXX Beat | 0,2...9 | 4 |
| Split Point | XXX Split Pt | 1...88 | 34 |
| Pedal Type | 00X SPd **** | SUST, SOFT, St/T, MEM | SUST (001) |
| | 00X UPd **** | SOFT St/T MEM | Soft (001) |
| Harmony Type | 00X HAR TYPE | Duet, StandardTrio, Full Chord, Rock Duet, Country Duet, Country Trio, Block, 4 Close 1, 4 Close 2, 4 Open, 1+5, Octave1, Octave2, Strum, Echo1, Echo2, Echo3, Echo4, Tremolo1, Tremolo2, Tremolo3, Tremolo4, Trill1, Trill2, Trill3, Trill4 | Duet (001) |
| EQ Type | XXX EQ TYPE | EQ Pop, EQ Rock, EQ Class, EQ Jazz, EQ Dance, EQ Reset | 006 EQ Reset |
| Reverb Type | XXX Rev TYPE | RevRoom1/RevRoom2/RevRoom3/RevHall1/RevHall2/RevHall3/ Rev Chr1/Rev Chr2/Rev Del/Rev PanD | 004 RevHall1 |
| Reverb Level | XXX Rev Lev | 0 – 127 | Current voice |
| Chorus Type | XXX Chr TYPE | Chorus1/Chorus2/GM Chr1/GMChr2/Flanger1/Flanger2/Rotary1/Rotary2 | 004 GM chr2 |
| Chorus Level | XXX Chr Lev | 0 – 127 | Current voice |
| MIDI Receive | XXX Receive | 01—16, ALL | ALL |
| MIDI Transmit | XXX Transmit | 01—16 | 01 |
| Auto Power Off | XXX POWEROFF | Off,30,60 | 30 |

The menu is automatically closed if no entry is made within five seconds.

Tuning

This function allows you to adjust the pitch of the piano. to adapt them to recordings or other Adapt instruments.

1. press the SHIFT and FUNCTION keys until "xxx Tune" appears in the display. With the aid of the rotary knob or the +/YES and -/NO keys can be used to you change the parameter.
2. press the +/YES and -/NO keys simultaneously. sets the setting to the original value 000 back. The setting refers to sound and accompaniment.



Split function

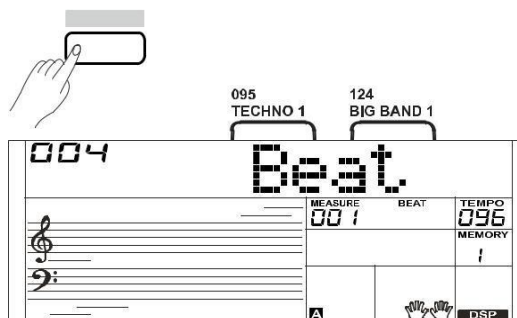
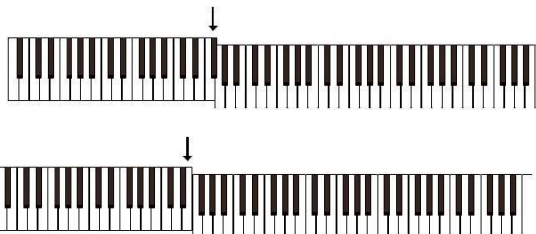
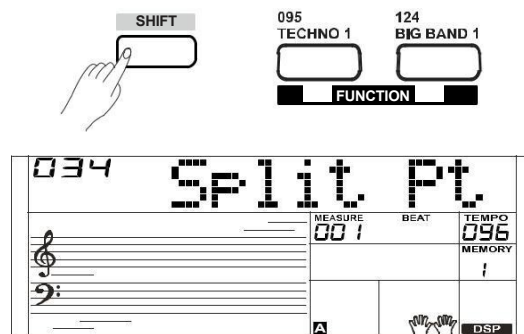
The splitpoint divides the keyboard into an area for the accompaniment (to the left of the splitpoint) and one for melody playing (to the right of it).

1. Press SHIFT and FUNCTION repeatedly to Select "Splitpoint". The display shows "xxx KeySplit".
2. You can change the value with the rotary wheel or the +/YES and -/NO keys. The range is from 1 to 88. If you press the +/YES and - keys /NO simultaneously, the factory setting is restored (F#3-34).

When Twinova is active, the range is between C3 and C6 (28-64). Press +/YES and -/NO simultaneously to return to the original setting of E3 (32) to be restored.

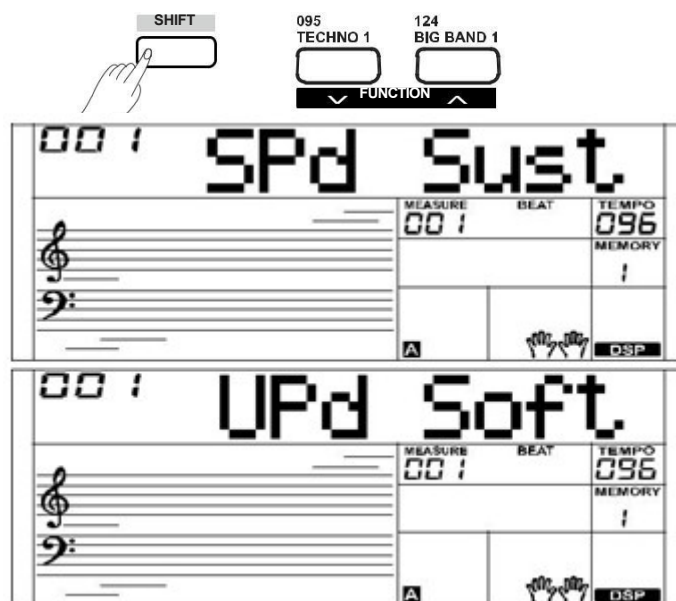
Time signature

1. Press SHIFT and FUNCTION repeatedly to Select "Beat". xxx BeatType" appears in the display. The value range goes from 2 to 9 and 0, ex works 4 is set.
2. You can change the value with the rotary knob or the +/YES and -/NO keys. If you press the +/YES and -/NO keys simultaneously, the factory setting is restored.



Pedal

1. Press SHIFT and FUNCTION repeatedly to enter the settings; the display will show "00x SPd xxx". You can change the Setting with the rotary knob or the +/YES keys and -/NO. The choices are Sustain, Soft, Auto Accompaniment Start/Stop and Memory Switch. The factory setting is "Sustain".
2. You can choose from four pedal functions. If you press the +/YES and -/NO keys simultaneously, the factory setting is restored.
3. Follow the operation in step 1 to assign functions to the soft pedal of a unit pedal except when the LCD displays "00X UPd xxxx".

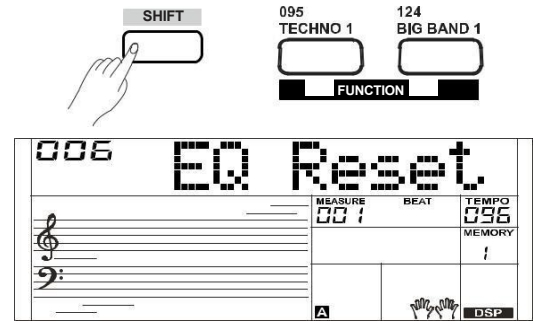


| No. | Sustain Pedal (Assignable Functions) | LCD | Soft Pedal (Assignable Functions) | LCD |
|-----|--------------------------------------|----------|-----------------------------------|----------|
| 1 | Sustain Pedal | SPd Sust | Soft Pedal | UPd Soft |
| 2 | Soft Pedal | SPd Soft | Start/Stop Pedal | UPd St/T |
| 3 | Start/Stop Pedal | SPd St/T | Memory Switch Pedal | UPd Mem |
| 4 | Memory Switch Pedal | SPd Mem | | |

EQ - Equalizer

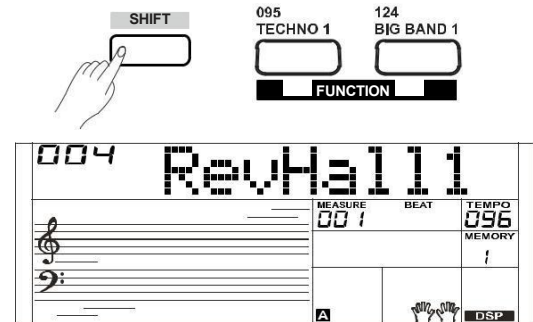
The equalizer is a function that affects the gain spectrum to achieve a special effect. The instrument has six types of equalizer. Hold down the function key and press the desired key in the EQ settings area.

- 1: Pop4 : Jazz
- 2: Rock 5: Dance
- 3: Classic6 : Reset



Reverb

1. Press SHIFT and FUNCTION repeatedly to enter the menu. "001 Rev Hall 1" appears in the display.
2. Use the rotary wheel or the keys +/YES and -/NO to change the value.
3. If you press the +/YES and -/NO keys simultaneously, the initial state is restored (004 Rev Hall 1).



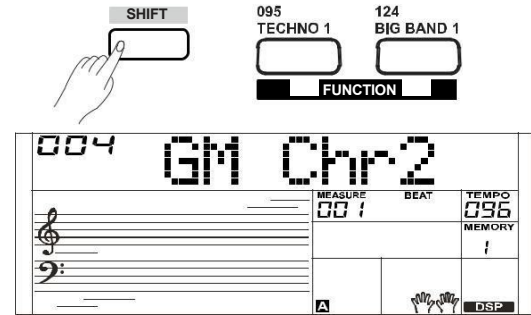
| Display indicator type | |
|------------------------|-----------|
| 1 RevRoom1 | Room 1 |
| 2 RevRoom2 | Room 2 |
| 3 RevRoom3 | Room 3 |
| 4 RevHall1 | Hall 1 |
| 5 RevHall2 | Hall 2 |
| 6 RevHall3 | Hall 3 |
| 7 Rev Chr1 | Church 1 |
| 8 Rev Chr2 | Church 2 |
| 9 Rev Del | Delay |
| 10 Rev PanD | Pan Delay |

Reverb level

1. Press SHIFT and FUNCTION repeatedly to enter the menu. The display shows "****Rev Lev". The range goes from 0 to 127.
2. Use the rotary wheel or the +/YES and - keys /NO to change the value.
3. If you press the +/YES and -/NO keys simultaneously, the initial state is restored (070).

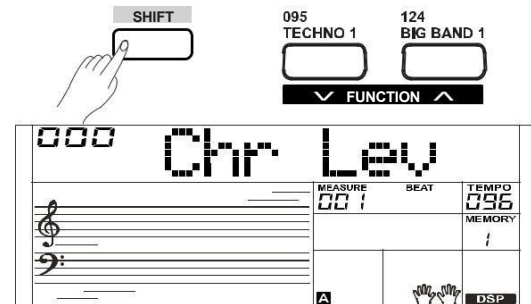
Chorus

1. Press SHIFT and FUNCTION repeatedly to enter the menu. The factory setting "004 GM Chorus2" appears in the display. There are 8 types to choose from.
2. Use the rotary wheel or the keys +/YES and -/NO to change the value.
3. If you press the +/YES and -/NO keys simultaneously, the initial state is restored.



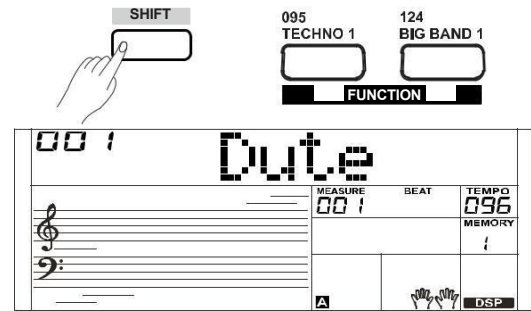
Chorus level

1. press SHIFT and FUNCTION repeatedly to call up the menu. The display shows "xxx Chr Lev". The range goes from 0 to 127.
2. Use the rotary wheel or the keys +/YES and -/NO to change the value.
3. If you press the +/YES and -/NO keys simultaneously Press the key to return to the initial state (000).



| Display | Type |
|------------|-------------|
| 1 Chorus1 | Chorus 1 |
| 2 Chorus2 | Chorus 2 |
| 3 GM Chr1 | GM CHorus 1 |
| 4 GM Chr2 | GM Chorus 2 |
| 5 Flanger1 | Flanger 1 |
| 6 Flanger2 | Flanger 2 |
| 7 Rotary1 | Rotary 1 |
| 8 Rotary2 | Rotary 2 |

Harmony Art



1. Press the SHIFT and FUNCTION keys repeatedly to access the settings; the factory setting "001 Duet" appears in the display. The available harmonies can be found in the adjacent table.
2. Pressing the +/YES and -/NO keys simultaneously restores the factory setting.
3. With the harmony types echo, tremolo or trill, the effect can be further adjusted. Please read more about this in the next chapter.

If the harmony type is strum, echo, trill or tremolo, the tempo setting will affect the effect.

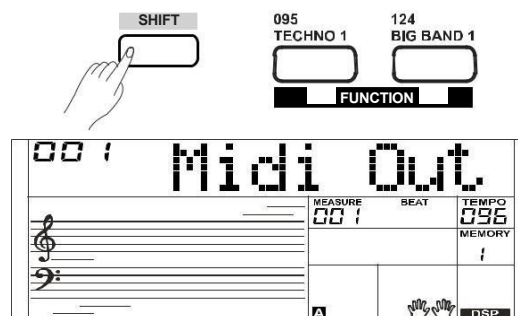
| No. | LCD | Harmony Type |
|-----|----------|---------------|
| 1 | Duet | Duet |
| 2 | STD Trio | Standard trio |
| 3 | FulChord | Full Chord |
| 4 | RockDuet | Rock Duet |
| 5 | CtryDuet | Country Duet |
| 6 | CtryTrio | Country trio |
| 7 | Block | Block |
| 8 | 4Close1 | 4 Close 1 |
| 9 | 4Close2 | 4 Close 2 |
| 10 | 4 Open | 4 Open |
| 11 | 1+5 | 1+5 |
| 12 | Octave1 | Octave 1 |
| 13 | Octave2 | Octave 2 |
| 14 | Strum | Arpeggio |
| 15 | Echo1 | Echo1 |
| 16 | Echo2 | Echo2 |
| 17 | Echo3 | Echo3 |
| 18 | Echo4 | Echo4 |
| 19 | Tremolo1 | Tremolo1 |
| 20 | Tremolo2 | Tremolo2 |
| 21 | Tremolo3 | Tremolo3 |
| 22 | Tremolo4 | Tremolo4 |
| 23 | Trill1 | Trill1 |
| 24 | Trill2 | Trill2 |
| 25 | Trill3 | Trill3 |
| 26 | Trill4 | Trill4 |

MIDI In

1. Press SHIFT and FUNCTION to enter the menu. The display shows "xxx Midi In". The range is from 1 to 16; ALL.
2. Use the rotary wheel or the +/YES and -/NO keys to change the midi channels.
3. If you press the +/YES and -/NO keys simultaneously, the initial state (ALL) will be restored.

MIDI Out

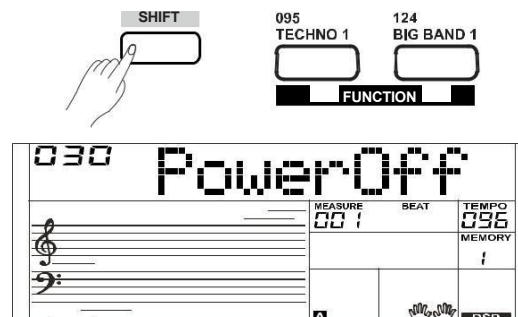
1. Press SHIFT and FUNCTION to enter the menu. The display shows "xxx Midi Out". The range is from 1 to 16.
2. Use the rotary wheel or the keys +/YES and -/NO to change the value.
3. If you press the buttons +/YES and -/NO keys at the same time, the output state is (001) restored.



Switch off

With this function you can define after which time the device should switch off automatically.

1. Press SHIFT and FUNCTION to call up the menu. "xxx PowerOff" appears in the display. Possible settings are 0, 30 and 60 min.
2. Use the rotary wheel or the keys +/YES and -/NO to change the value.
3. If you press the buttons +/YES and -/NO keys at the same time, the output state is (030) is restored.

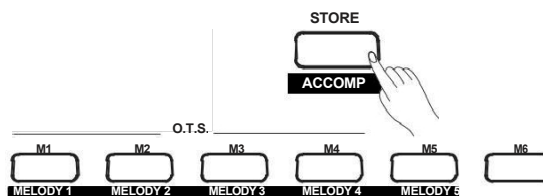


Registration memory

This keyboard is an instrument with a wide range of functions and settings. The Registration Memory function allows you to save all the settings you have made and recall them with a single button press.

Settings

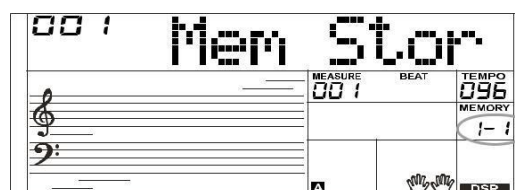
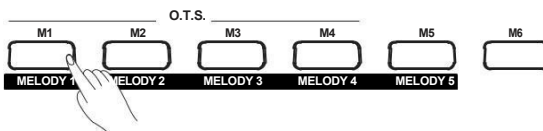
1. There are 8 memories (memory banks) with each 6 memory locations (M1 to M6).
2. Press and hold the STORE button and press one of the memory buttons M1 to M6. Please note that this will overwrite the previous settings.
3. you can delete memory locations by pressing and holding the STORE and M1 keys when you turn on the device.



Calling up the settings

Press one of the memory buttons M1 to M6. In the example opposite, the settings from memory 1 of the 1st memory bank are called up.

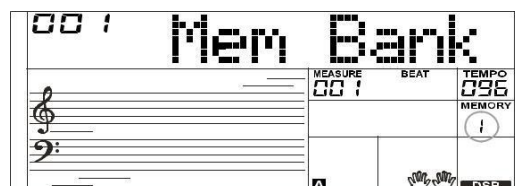
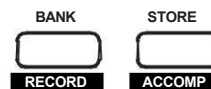
When the One Touch Setting function is active, no information can be retrieved from memory.



Selection of the memory location

1. Press BANK; the number of the memory appears in the display.
2. Select one of the eight memories using the rotary knob or the +/YES or -/NO keys.

The following parameters can be saved: Sound: Voice, Dual, Lower, DSP, Mixer
Accompaniment: style, tempo, chord mode on/off, etc.
Functions: Touch, as well as the parameters in the function menu



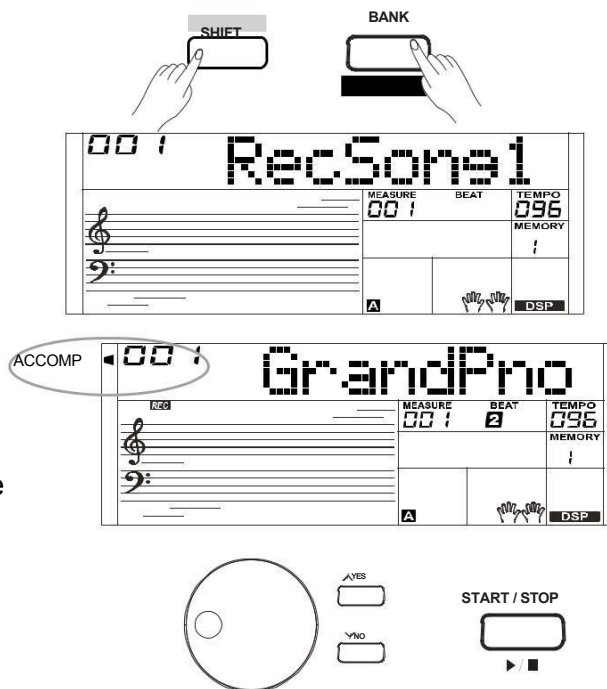
Recording

With the easy-to-use recording function you can record your own playing, a so-called user song. You can record 5 such user songs, each with 6 tracks: one accompaniment track (Accomp) and five melody tracks (Melody).

You can record an accompaniment track and a melody track simultaneously, but not two melody tracks. Of course, you can also record all tracks individually and play them back together. The recording remains saved even if you switch off the device.

Starting the recording

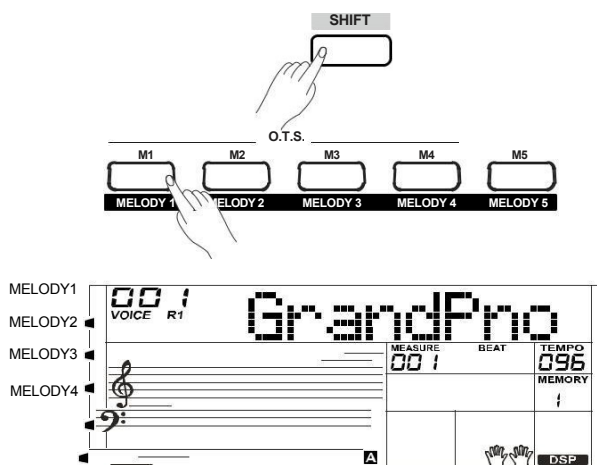
1. Press SHIFT and RECORD to enter the song selection mode. "RecSong1" appears in the display. Use the rotary knob or the +/YES and -/NO keys to select the song you want to record.
2. Press SHIFT and FUNCTION again to enter the preparation mode. The "Rec" indicator lamp lights up and the flashing indicates the beat. The keyboard selects independently the next free memory location.
3. You can now set parameters such as Voice, Style and check tempo. When you record a new song, the keyboard automatically selects "Melody 1" as the song to be recorded. Track off. Simply press another track button (Accomp or Melody) if you want to record another track. A Style can be recorded only in the accompaniment track.
4. Press START/STOP or start playing to start recording. If the auto accompaniment is active, a left hand chord will also start the recording.



The track has an indicator light that shows the respective status.

- The flashing means that the track has been selected for recording. If there is already data on it, it will be deleted.
- The glow of the lamp indicates that there is data on it that will be played back simultaneously with the recording (playback).
- If the lamp is off, there is either no data on it or the data is not suitable for playback.

If all six tracks are occupied and a new MELODY5 to be recorded, simply select it and start recording. The Track is thereby deleted and occupied with new content.

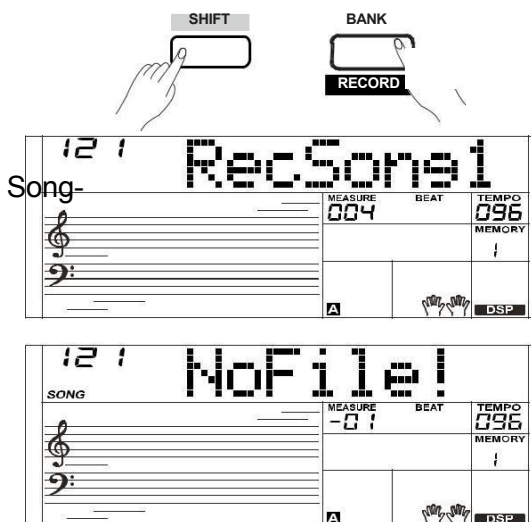


Stop recording

1. Press the SHIFT and RECORD keys to stop recording.
2. When the memory space is exhausted, "Rec_Full" appears in the display. The exposure is canceled and saved.
3. When you record an accompaniment, recording stops automatically at the end of the song.

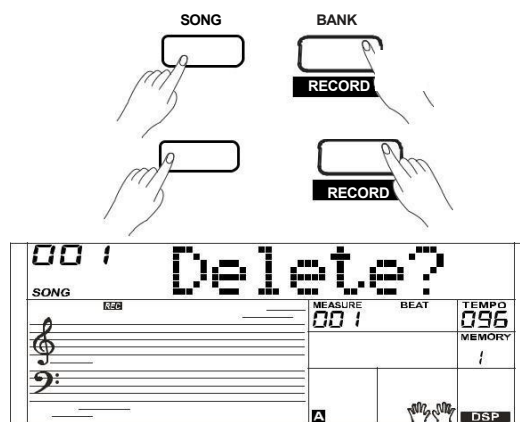
Playback

1. During a recording, press the SHIFT and RECORD keys. The recording is stopped, the device changes to MELODY1 ^{SONG} mode and the recording is played back continuously.
2. Press SONG to enter the song mode. All songs will be played continuously. Use the rotary knob or the +/YES and -/NO keys to select a song. There are 70 songs in total; the user songs are located from 61 to 70. If there are no songs, "NoFile" appears in the display.
3. Press PLAY/STOP to play the song continuously.



Delete a song

1. When you press the RECORD and SONG buttons while you switch on the device, the device will be deleted all existing data.
2. In preparation mode, hold RECORD for 2 seconds; the display shows "Delete?" (delete?).
3. Select the track you want to delete while holding down the SHIFT key. Press +/YES to delete the song or -/NO to cancel the action.

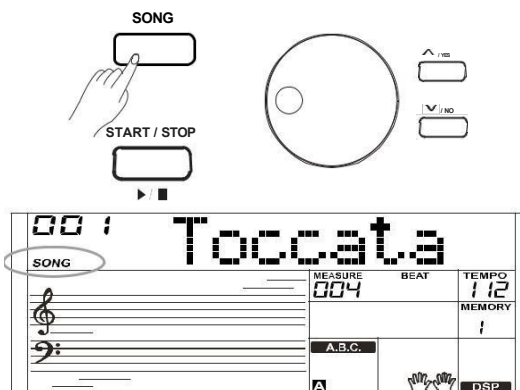


Song

The keyboard has a total of 120 songs. You can practice all songs with the melody track turned off.

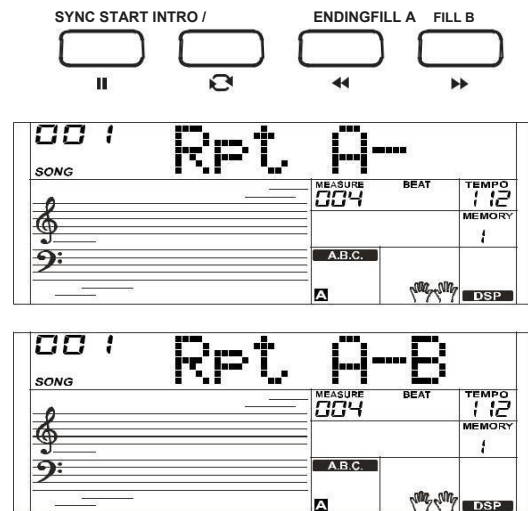
Listen to the songs

1. Press SONG. All songs are played in turn.
2. Select a song by using the rotary wheel or the +/YES and -/NO buttons.
3. If you want to play a song repeatedly, press the START/STOP button.
4. When the song is finished and you want to exit the song mode, press one of the STYLE or VOICE buttons.



Song settings

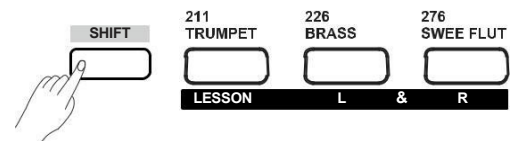
1. A song starts with a count-in and thus with a negative bar number. The song starts as soon as the bar number reaches 1.
2. While the song is playing, you can use the FF key to fast "fast forward" the song, REW to "rewind" the song, and PAUSE to pause the song.
3. Press REPEAT to repeat the song. It will be played continuously.



Learning mode

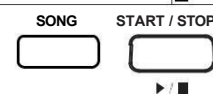
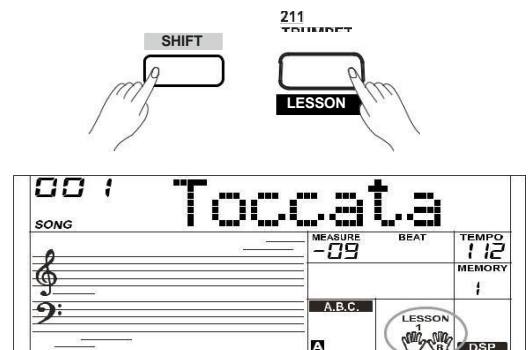
The following keys are activated in the learning mode: LESSON, LEFT, RIGHT. These also work only in learn mode.

1. Press SHIFT and LESSON to activate the mode. Ex works the mode for the right hand is activated (RIGHT). Press LEFT to switch to left hand mode. Press both keys simultaneously to practice two-handed. Press START/STOP or SONG to start the learning mode.
2. While the learning mode is active, the system cannot be changed. The rating is done automatically at the end of the song.
3. Not every song can have ambidextrous learning enabled.
4. The display shows the chords.



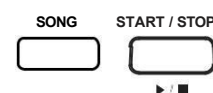
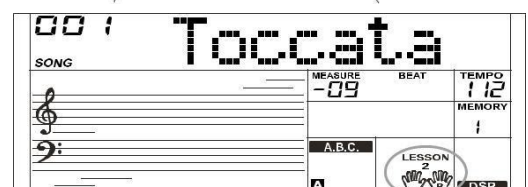
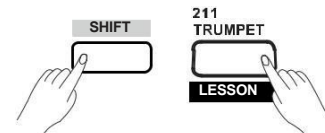
Lesson 1

Press SHIFT and LESSON to activate the learning mode. The indicator lamp lights up. In this mode, the system evaluates timing only, not pitch or chords. If you press RIGHT, the right part is muted and you practice playing with the right hand. If you press LEFT, you can practice playing with the left hand. If you press both keys, you can practice two-handed. Press START/STOP to start, the evaluation will be done automatically at the end of the song.



Lesson 2

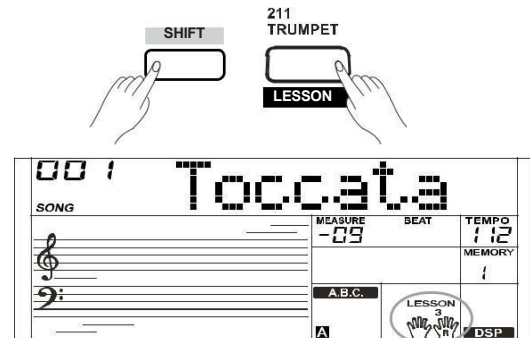
Press SHIFT and LESSON to activate the learning mode. The control lamp lights up. In this mode, the system evaluates only the pitch. If you play a wrong note, no sound will be heard. The system waits until you play the note correctly. If you press RIGHT, the right part will be muted and you will practice playing with the right



hand. If you press LEFT, you can practice with your left hand. If you press both keys, you can practice with both hands. Press START/STOP to start, the evaluation will be done automatically at the end of the song.

Lesson 3

Press SHIFT and LESSON to activate the learning mode. The indicator lamp lights up. In this mode, the system evaluates both timing and pitch. If you press RIGHT, the right part is muted and you practice playing with the right hand. If you press LEFT, you can practice playing with the left hand. Press both keys, you can practice ambidextrous. Press and hold SHIFT and LESSON to start, you will hear what you play, whether right or wrong. The score is automatically at the end of the song.



Chord Dictionary - Chord Dictionary

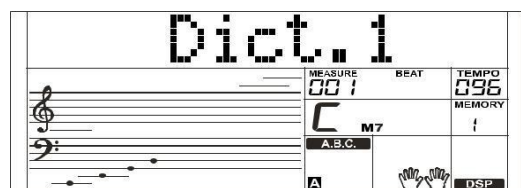
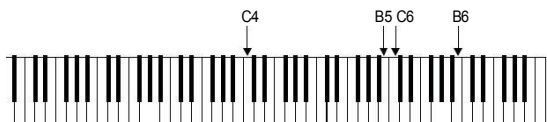
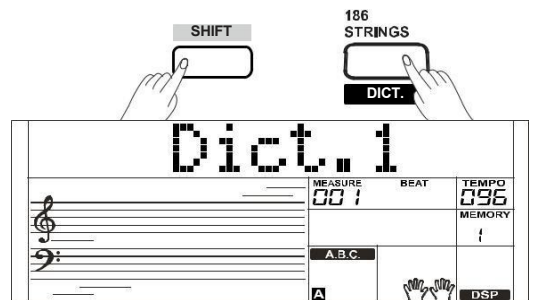
This is a built-in reference book where you can look up chords.

Chord learning mode

Press SHIFT and DICT for longer than 2 seconds to enter Dict-1 mode. Auto Accompaniment is automatically activated in this mode.

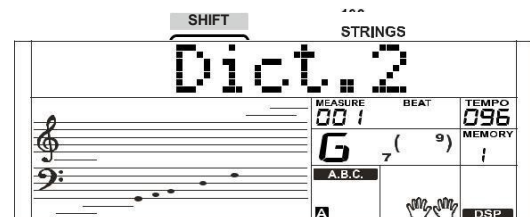
In this mode, the keys above C4 are used to assign the chord type (Chord Type), the keys above C6 to assign the root (Chord Root). So to display a chord, first select the root, then the type of chord.

When the chord and root are confirmed, the display shows the chord and its position on the keyboard. It will sound immediately if you play it correctly in the chord area of the keyboard.



Exam mode

Press the SHIFT and DICT keys again to enter the Dict-2 mode. This is the exam mode. A random chord is shown in the display, while no keyboard position is added to it. is displayed. If you select the correct chord



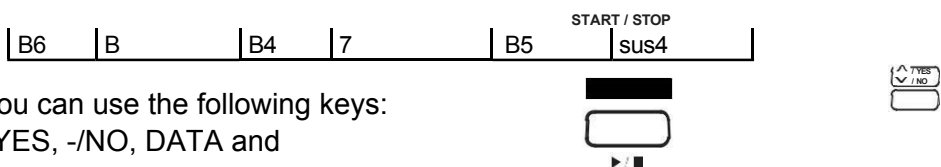
play within 3 seconds, the next chord is displayed. If not, the display will automatically show the correct position. To exit the Chord Dictionary, press CHORD DICT again. Below you will see an overview of 24 chords:

| Note | Chord Root | Note | Chord Type | Note | Chord Type |
|------|------------|------|------------|------|------------|
| C6 | C | C4 | M | C5 | 7(b9) |
| C#6 | C#/Db | C#4 | M(9) | C#5 | 7(9) |
| D6 | D | D4 | 6 | D5 | 7(#9) |
| Eb6 | Eb/D# | Eb4 | mM7 | Eb5 | 7(b13) |
| E6 | E | E4 | M7 | E5 | 7(13) |
| F6 | F | F4 | M | F5 | 7(#11) |
| F#6 | F#/Gb | F#4 | M(9) | F#5 | dim7 |
| G6 | G | G4 | M6 | G5 | dim |
| Ab6 | Ab/G# | Ab4 | M7(9) | Ab5 | 7aug |
| A6 | A | A4 | M7 | A5 | aug |
| Bb6 | Bb/A# | Bb4 | M7b5 | Bb5 | 7sus4 |

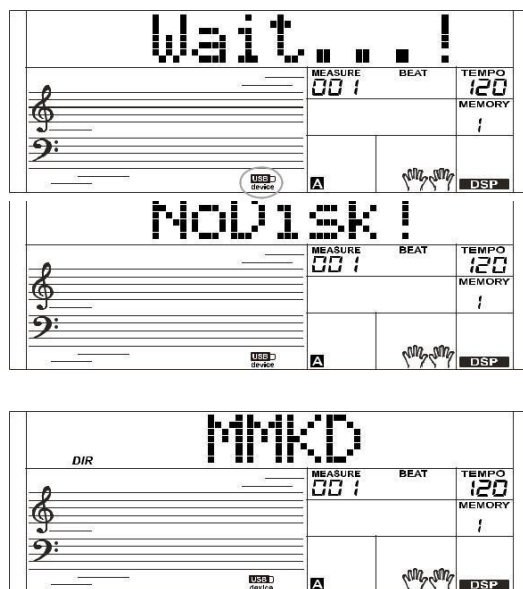
USB drive

The keyboard has an interface that supports the USB disk (16M-32G). It is compatible with the FAT 16/32 system format, but it is better to use the USB disk formatted by the keyboard. Please do not modify this data from the keyboard with a PC.

Basic operation



- In U-Disk mode you can use the following keys: USB-DEVICE, +/YES, -/NO, DATA and START/STOP.
- Press USB DEVICE to enter the U-Disk mode. press again to exit the mode.
- The display will show "Wait...!" (wait) while the keyboard tries to establish a connection to the U-Disk. If the connection is established, "play" appears in the display. If no connection can be established, the error message "DiskErr!" appears. If the keyboard cannot find a U-Disk, it reports "No Disk!".
- In U-Disk mode, you can select a menu using the rotary wheel, move to the next menu using the +/YES key, and press /NO to move to the go back to the previous menu.
- If a MIDI file is detected and selected on the U-Disk, it will be shown in the display together with its name. Otherwise, submenus with the character "DIR" appear. The names of the files appear alphabetically, but you can only select the first 512 files. During data is being saved, loaded or deleted, the display shows "Wait...!". During this time



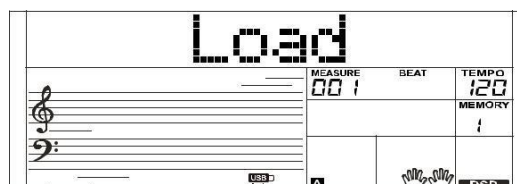
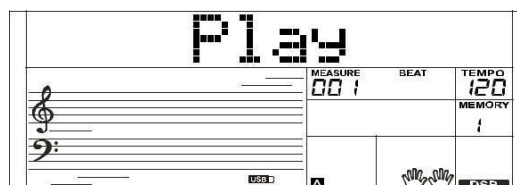
the keys do not work. You can exit the U-Disk mode with the STYLE, SONG or USB-Device keys.

6. While a MIDI file is playing, you can press the MIXER button to adjust the volume (0-127).
7. Please note that you can only edit files in the "MMKD" directory.
8. The directory "MMKD" is automatically generated during the first saving.

Note: The "MMKD" folder is automatically generated when user data is saved to the USB storage device.

Playing MIDI files

1. Press USB DEVICE to enter the U-Disk mode. "Play" appears in the display.
2. Press +/YES; the display shows MIDI and the submenu.
3. When you select a submenu, its name appears in the display and the indicator lamp lights up. Press +/YES to enter the menu.
4. Select a file with the rotary wheel and press START/STOP to play it continuously. Press again to stop the playback.
5. Press +/YES to exit the menu; "... " appears in the display.

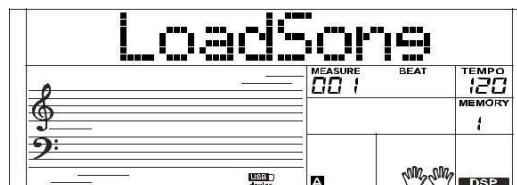


Store

Press USB DEVICE, select "Load" with the rotary wheel and press +/YES.

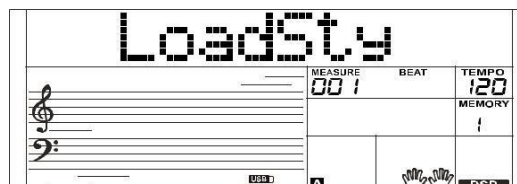
Loading a song

1. Select "LoadSong" and press +/YES. The MIDI files appear in the display. Use the rotary wheel or the +/YES and -/NO keys to select one of them.
2. Press +/YES to confirm your selection. The number of the user song appears in the display. Use the rotary wheel to select one of them.
3. Press +/YES to confirm your selection. "Sure?" appears in the display. Press +/YES if you are sure you want to execute the command. If you want to cancel the operation, press -/NO.



Loading a style

1. Select "LoadSty" and press +/YES. The MIDI files appear in the display. Use the rotary wheel or the +/YES and -/NO keys to select one of them.
2. Press +/YES to confirm your selection. The number of the user song appears in the display. Use the rotary wheel to select one of them select.
3. Press +/YES to confirm your selection. "Sure?" appears in the display. Press +/YES if you are sure you want to execute the command. If you want to cancel the operation, press -/NO.

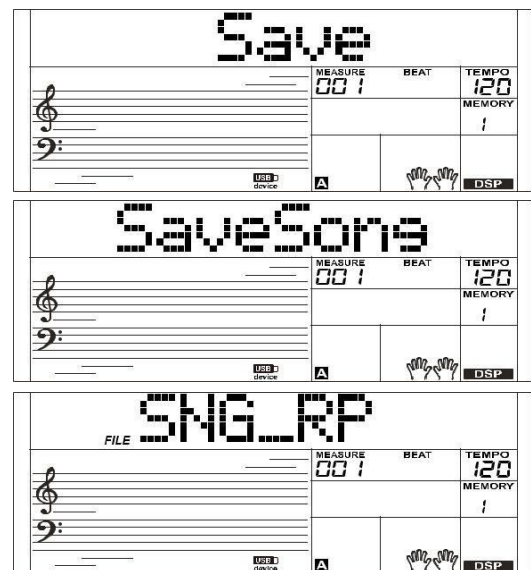


Loading settings

1. Select "LoadMem" and press +/YES. The MIDI files appear in the display. Use the rotary wheel or the +/YES and -/NO keys to select one of them.
2. Press +/YES to confirm your selection. The number of the user song appears in the display. Use the rotary wheel to select one of them.
3. Press +/YES to confirm your selection. "Sure?" appears in the display. Press +/YES if you are sure you want to execute the command. If you want to cancel the operation, press -/NO.

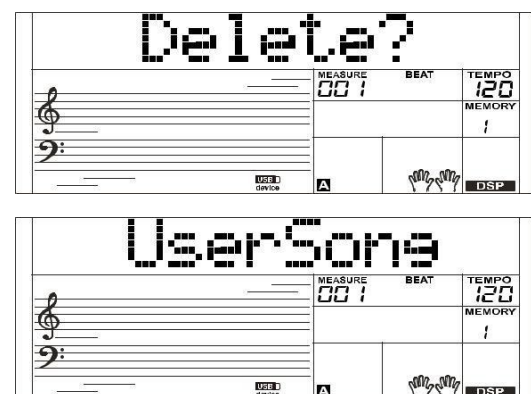
Backing up data to the U-Disk

1. Press USB DEVICE and select the "Save" menu with the rotary wheel. Press +/YES; the submenus appear in the display: "SaveSong", "SaveSty", "SaveMem" and "SaveVoic". Use the rotary wheel to select one of them.
2. Make your selection and press +/YES. If no file is present, the display reports "NoFile!" and returns to the previous menu after 2 seconds. However, you can also enter a file name. The name may consist of 8 capital letters.
3. When you are finished with your input, press +/YES to save the file. "Sure?" appears in the display. Press +/YES if you are sure you want to execute the command or -/NO if you want to cancel the operation. If the file name already exists, the display will show "SameName".



Deleting data on the U-Disk

1. Press USB Device, select the "Delete" menu with the rotary wheel and press +/YES; the submenus appear in the display: "UserSong", "UserSty", "UserMem" and "UserVoic". Use the rotary wheel to select one of them.
2. Make your selection and press +/YES. If no file is present, the display reports "NoFile!" and returns to the previous menu after 2 seconds.
3. Press +/YES to delete the file. "Sure?" appears in the display. Press +/YES if you are sure you want to delete the file.



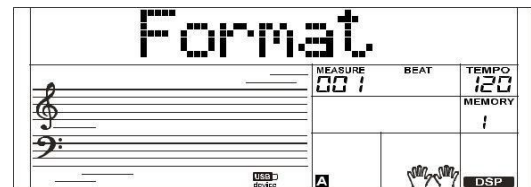
Formatting the U-Disk

Press USB DEVISE, select the menu "Format" and press E+/YES. Sure?" appears in the display. Press +/YES if you are sure you want to execute the command.

Formatting will delete all data in the USB section.

Notice:

Formatting will delete all user data in the USB storage device!



Keys / letters overview

| | | | | | | | | | | | |
|--------|-----|------|------|----|----|-----|----|-----|----|-----|----|
| NOTE | C#2 | D2 | Eb2 | E2 | F2 | F#2 | G2 | Ab2 | A2 | Bb2 | B2 |
| LETTER | DEL | BACK | NEXT | A | B | C | D | E | F | G | H |

| | | | | | | | | | | | |
|--------|----|-----|----|-----|----|----|-----|----|-----|----|-----|
| NOTE | C3 | C#3 | D3 | Eb3 | E3 | F3 | F#3 | G3 | Ab3 | A3 | Bb3 |
| LETTER | I | J | K | L | M | N | O | P | Q | R | S |

| | | | | | | | | | | | |
|--------|----|----|-----|----|-----|----|----|-----|----|-----|----|
| NOTE | B3 | C4 | C#4 | D4 | Eb4 | E4 | F4 | F#4 | G4 | Ab4 | A4 |
| LETTER | T | U | V | W | X | Y | Z | 0 | 1 | 2 | 3 |

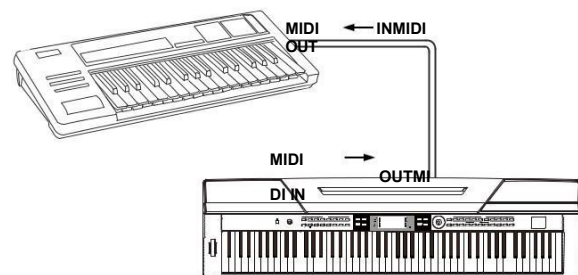
| | | | | | | |
|--------|-----|----|----|-----|----|-----|
| NOTE | Bb4 | B4 | C5 | C#5 | D5 | Eb5 |
| LETTER | 4 | 5 | 6 | 7 | 8 | 9 |

MIDI

MIDI functions allow you to expand your musical possibilities. This section explains what MIDI is, what it can do, and how you can use these functions on your instrument.

What is MIDI?

MIDI (Musical Instrument Digital Interface) is a worldwide standard for communication between electronic musical instruments and computers. Exchanging information between devices can create systems of MIDI instruments and drives that are more versatile and flexible than isolated instruments. You can connect computers, sequencers, expanders or other keyboards with your keyboard. MIDI signals can be used in can be divided into two groups: Channel signals and System signals. The Pino has a USB port that can be used for both MIDI In and MIDI Out.



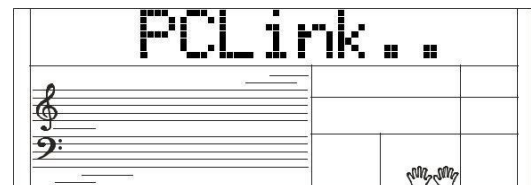
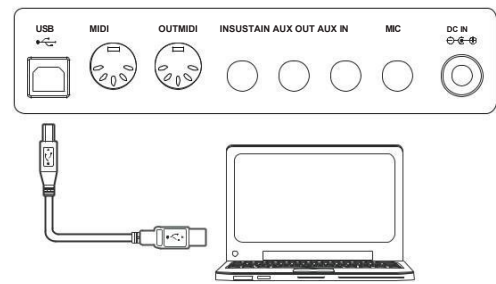
MIDI devices

To exchange MIDI signals, the devices must be connected with a cable. **MIDI IN** receives data from a computer, **MIDI Out** sends data to another device. Please wake up the computer from hibernation or a stand-by mode before you use it to

wire the keyboard. Please switch on the keyboard first **after the** cable connection has been made.

Data exchange with the computer

1. Connect the USB socket on the back of your instrument to a computer using a standard USB cable.
2. Turn on the instrument, then open the "PC Suite" software on your computer; the display will show "PCLink".
3. You can send MIDI files to the keyboard as user Transfer songs. You can also transfer styles, Transfer voices or memory files to the computer.
4. For more detailed information, please read the operating instructions of the software.



Restore factory settings

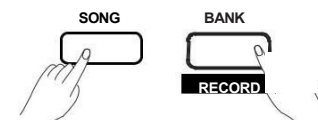
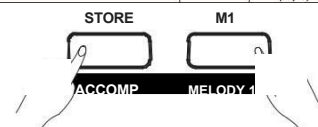
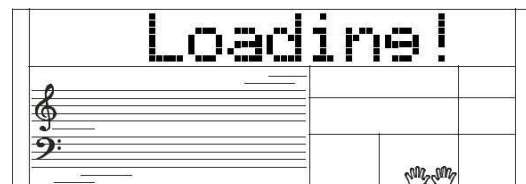
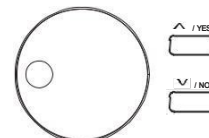
When you switch on the device, if you press the keys +/YES and -/NO are pressed, all settings are reset and user styles, user songs and the memories are deleted. "Loading" appears in the display. Once the deletion and factory reset are complete, the unit will start up as usual.

Erasing the memories

Keep the STORE and M1 keys pressed while you switch on the device. All memory locations will be deleted!

Delete the user songs

Press and hold the SONG and RECORD buttons while turning on the power. All user songs will be deleted!



Help with malfunctions

| Problem | Possible cause and solution |
|--|---|
| You hear a "pop" when the device is turned on. or is switched off. | This is normal and not a cause for concern. |
| You hear nothing when on the keyboard is played. | Possibly the volume is too low adjusted. Turn it up a little further. Check if headphones are connected is. Check that the R1/R2/L Voice controls are set appropriately. |
| Noises occur during the Use of a cell phone on. | A cell phone near the instrument can cause interference. Switch off the phone off or move a little further away from the Device. |
| The auto accompaniment does not start although it is in stand-by mode. | Try to set the auto accompaniment in the range of the right hand to start. To start them synchronously start, you must press a key in the area of the left hand press. |
| Certain notes sound wrong. | Check that the Tune value is set to 0. You can reset the instrument to the factory settings reset by pressing the +/YES and -/ keys. NO while holding down the keyboard turn on |
| The harmony function does not work. | When a drum kit is selected as Voice R1, the function is not available. |
| After a connection with a Computer the keyboard will not recognized. | Check if the USB cable is neatly is connected and try if necessary, the keyboard to another USB port to connect. |

Specifications

| | |
|--|--|
| LCD display | Multifunctional display |
| Keys | 88, hammer action |
| Polyphony | 128 |
| Voices | 600 |
| Styles | 230 + 10 user styles |
| Songs | 120 + 5 user songs |
| Demo | 5 |
| Controller | POWER SWITCH, VOLUME, PERFORM., METRONOME, SHIFT, STYLE DIRECT BUTTON1~8, PITCH BEND, FUNCTION -, FUNCTION +, HARMONY, TRANSPOSE-, TRANSPOSE +, PIANO, VOICE, STYLE, DEMO, SONG, +/YES, -/NO, DATA DIAL, DUAL, LOWER, DSP, TOUCH, VOICE DIRECT BUTTON 1~10, SUSTAIN, DICT., LESSON, LESSON L, LESSON R, BANK, STORE, M1~M6, O.T.S, USB DEVICE, TWINOVA, OCTAVE |
| Automatic accompaniment controller | START/STOP, SYNC START, INTRO/ENDING, FILL A, FILL B, MIXER -, MIXER +, Chord Mode, FADE, ACCOMP -, ACCOMP +. |
| Recording | Record, Accomp Track, Melody Track 1-5 |
| Memory | 48 |
| Connections | DC IN, 2x Headphones, Sustain Pedal, unit PedalAUX IN, AUX OUT, USB-MIDI |
| Power supply | 12 V, 2000 mA |
| Loudspeaker | 2 x 4 Ω , 20 W 2 x 8 Ω , 010 W |
| Dimensions W x D x H | 1510 x 480 x 230 mm |
| Weight | 13,8 kg |
| All specifications are subject to change without notice. | |

Sounds overview

| NO. | English Name | LCD Name |
|--------------|---------------------------------|----------|
| Piano | | |
| 1 | Acoustic Grand Piano | GrandPno |
| 2 | Acoustic Grand Piano 2 | GrandPn2 |
| 3 | Acoustic Grand Piano 3 | GrandPn3 |
| 4 | Acoustic Grand Piano (wide) | GrandPnW |
| 5 | Acoustic Grand Piano (dark) | GrandPnD |
| 6 | Bright Acoustic Piano | BritePno |
| 7 | Bright Acoustic Piano 2 | BritePn2 |
| 8 | Bright Acoustic Piano 3 | BritePn3 |
| 9 | Bright Acoustic Piano (wide) | BritePnW |
| 10 | Electric Grand Piano | E.Grand |
| 11 | Electric Grand Piano 2 | E.Grand2 |
| 12 | Electric Grand Piano (wide) | E.GrandW |
| 13 | Electric Grand Piano (dark) | E.GrandD |
| 14 | Honky Tonk Piano | HnkyTonk |
| 15 | Honky Tonk Piano 2 | HnyTonk2 |
| 16 | Honky Tonk Piano (wide) | HnyTonkW |
| 17 | Honky Tonk Piano (dark) | HnyTonkD |
| 18 | Harpsichord | Harpsi |
| 19 | Harpsichord 2 | Harpsi2 |
| 20 | Harpsichord (octave mix) | HarpsiO |
| 21 | Harpsichord (wide) | HarpsiW |
| 22 | Harpsichord (with key off) | HarpsiOf |
| 23 | Octave Grand Piano | OctPno |
| 24 | Octave Grand Piano 2 | OctPno2 |
| 25 | Piano & Strings | Pno&Str |
| 26 | Piano & Pad | Pno&Pad |
| 27 | Piano & Choir | Pno&Cho |
| 28 | Piano & EP | Pno&EP |
| 29 | Piano & Vibraphone | Pno&Vib |
| 30 | Detuned Electric Piano | DetunEP |
| 31 | Detuned Electric Piano 2 | DetunEP2 |
| 32 | Electric piano | E.Piano |
| 33 | Electric Piano 2 | E.Piano2 |
| 34 | Electric piano 3 | E.Piano3 |
| 35 | Electric piano 4 | E.Piano4 |
| 36 | Electric Piano 1 (velocity mix) | E.PnoV1 |
| 37 | Electric Piano 2 (velocity mix) | E.PnoV2 |
| 38 | 60's Electric Piano | 60'sEP |
| 39 | EP Legend | EPLegend |
| 40 | Phase EP | PhaseEP |
| 41 | Clavi | Clavi |
| 42 | Clavi 2 | Clavi2 |
| 43 | Clavi phase | PhaseClv |
| 44 | Wah Clavi | WahClv |
| 45 | Pulse Clavi | PluseClv |
| 46 | Dream EP | DreamEP |
| 47 | Tremolo EP | TremoEP |
| 48 | Funk EP | FunkEP |
| 49 | Warm EP | WarmEP |
| 50 | Choir EP | ChoriEP |
| 51 | Wah EP | WahEP |
| 52 | Modern EP | ModernEP |
| 53 | EP Pad | EPPad |

| Chromatic Percussion | | |
|-----------------------------|---------------------------|-----------|
| 54 | Celesta | Celesta |
| 55 | Celesta 2 | Celesta2 |
| 56 | Celesta 3 | Celesta3 |
| 57 | Glockenspie | Bells |
| 58 | Chimes 2 | Bells2 |
| 59 | Music Box | MusicBox |
| 60 | Music Box 2 | MuscBox2 |
| 61 | Music Box 3 | MuscBox3 |
| 62 | Vibraphone | Vibra |
| 63 | Vibraphone 2 | Vibra2 |
| 64 | Vibraphone (wide) | VibraW |
| 65 | Marimba | Marimba |
| 66 | Marimba 2 | Marimba2 |
| 67 | Marimba (wide) | MarimbaW |
| 68 | Xylophones | Xylophone |
| 69 | Xylophone 2 | Xylopho2 |
| 70 | Xylophone 3 | Xylopho3 |
| 71 | Tubular Bells | TubulBel |
| 72 | Tubular Bells 2 | TubulBe2 |
| 73 | Church Bell | ChurBell |
| 74 | Carillon | Carillon |
| 75 | Dulcimer | Dulcimer |
| 76 | Dulcimer 2 | Dulcime2 |
| 77 | Santur | Santur |
| Organ | | |
| 78 | Italian 60's Organ | 60'sOrgn |
| 79 | Drawbar Organ | DrawOrgn |
| 80 | Drawbar Organ 2 | DrawOrg2 |
| 81 | Detuned Drawbar Organ | DeDraOrg |
| 82 | Drawbar Organ 3 | DrawOrg3 |
| 83 | Detuned Percussive Organ | DePerOrg |
| 84 | Percussive organ | PercOrgn |
| 85 | Percussive Organ 2 | PercOrg2 |
| 86 | 70's Percussive Organ | 70'sPcOr |
| 87 | Percussive organ 3 | PercOrg3 |
| 88 | Rock Organ | RockOrgn |
| 89 | Rock Organ 2 | RockOrg2 |
| 90 | Rock Organ 3 | RockOrg3 |
| 91 | Church Organ | ChurOrgn |
| 92 | Church Organ 2 | ChurOrg2 |
| 93 | Church Organ 3 | ChurOrg3 |
| 94 | Church Organ (octave mix) | ChurOrgO |
| 95 | Detuned Church Organ | DeChuOrg |
| 96 | Reed organ | ReedOrgn |
| 97 | Reed Organ 2 | ReedOrg2 |
| 98 | Rotary Organ | RotyOrgn |
| 99 | Puff organ | PuffOrgn |
| 100 | Accordion | Acordion |
| 101 | Accordion 2 | Acordin2 |
| 102 | Accordion 3 | Acordin3 |
| 103 | Harmonica | Harmnica |
| 104 | Harmonica 2 | Harmnic2 |
| 105 | Harmonica 3 | Harmnic3 |

| | | |
|---------------|-----------------------------------|------------|
| 106 | Tango Accordion | TangoAcid |
| 107 | Tango Accordion 2 | TangoAcid2 |
| Guitar | | |
| 108 | Acoustic Guitar (nylon) | NylonGtr |
| 109 | Acoustic Guitar (nylon) 2 | NylonGt2 |
| 110 | Acoustic Guitar (nylon) 3 | NylonGt3 |
| 111 | Acoustic Guitar (nylon + key off) | NylGtrOf |
| 112 | Ukulele | Ukulele |
| 113 | Acoustic Guitar (steel) | SteelGtr |
| 114 | Acoustic Guitar (steel) 2 | SteelGt2 |
| 115 | 12 Strings Guitar | 12StrGtr |
| 116 | Mandolin | Mandolin |
| 117 | Mandolin 2 | Mandoli2 |
| 118 | Steel Guitar with Body Sound | SteelBdy |
| 119 | Electric Guitar (jazz) | JazzGtr |
| 120 | Electric Guitar (jazz) 2 | JazzGtr2 |
| 121 | Electric Guitar (pedal steel) | PedalGtr |
| 122 | Electric Guitar (clean) | CleanGtr |
| 123 | Electric Guitar (clean) 2 | CleanGt2 |
| 124 | Electric Guitar (detuned clean) | DetClnGt |
| 125 | Mid Tone Guitar | MidTonGt |
| 126 | Electric Guitar (muted) | MutedGtr |
| 127 | Electric Guitar (muted) 2 | MutedGt2 |
| 128 | Electric Guitar (funky cutting) | FunkGt |
| 129 | Electric Guitar (muted velo-sw) | MutVelGt |
| 130 | Jazz Man | JazzMan |
| 131 | Overdriven Guitar | Ovrdrive |
| 132 | Overdriven Guitar 2 | Ovrdriv2 |
| 133 | Guitar Pinch | GtPinch |
| 134 | Distortion Guitar | DistGtr |
| 135 | Distortion Guitar 2 | DistGtr2 |
| 136 | Distortion Guitar (with feedback) | FeedbkGt |
| 137 | Guitar Feedback | GtrFedbk |
| 138 | Distorted Rhythm Guitar | DistRyth |
| 139 | Guitar Harmonics | GtrHarmo |
| 140 | Guitar Harmonics 2 | GtHarmo2 |
| 141 | Velocity Nylon Guitar | NylnGtVe |
| Bass | | |
| 142 | Acoustic Bass | AcoBass |
| 143 | Acoustic Bass 2 | AcoBass2 |
| 144 | Wah Bass | WahBass |
| 145 | Electric Bass (finger) | FngrBass |
| 146 | Finger Slap Bass | FngrSlap |
| 147 | Electric Bass (pick) | PickBass |
| 148 | Electric Bass (pick) 2 | PickBas2 |
| 149 | Fretless bass | Fretless |
| 150 | Fretless Bass 2 | Fretles2 |
| 151 | Slap bass | SlapBass |
| 152 | Slap Bass 2 | SlapBas2 |
| 153 | Slap Bass 3 | SlapBas3 |
| 154 | Slap Bass 4 | SlapBas4 |
| 155 | Synth bass | SynBass |
| 156 | Synth Bass 2 | SynBass2 |
| 157 | Synth Bass 3 | SynBass3 |

| | | |
|---------------------------------|-----------------------|-----------|
| 158 | Synth Bass 4 | SynBass4 |
| 159 | Warm synth bass | WarmBass |
| 160 | Rsonance SynBass | ResoBass |
| 161 | Clavi bass | ClavBass |
| 162 | Hammer | Hammer |
| 163 | Attack bass | AttackBas |
| 164 | Synth Bass (rubber) | RubbBass |
| 165 | Synth Bass (rubber) 2 | RubbBas2 |
| 166 | Attack Pulse | AtackPls |
| Strings & Orchestral | | |
| 167 | Violin | Violin |
| 168 | Violin 2 | Violin2 |
| 169 | Violin (slow attack) | SIViolin |
| 170 | Viola | Viola |
| 171 | Viola 2 | Viola2 |
| 172 | Cello | Cello |
| 173 | Cello 2 | Cello2 |
| 174 | Contrabass | Contrabs |
| 175 | Contrabass 2 | Contrbs2 |
| 176 | Tremolo Strings | TremStr |
| 177 | Tremolo Strings 2 | TremStr2 |
| 178 | Tremolo Strings 3 | TremStr3 |
| 179 | Pizzicato Strings | PizzStr |
| 180 | Pizzicato Strings 2 | PizzStr2 |
| 181 | Orchestral Harp | Harp |
| 182 | Orchestral Harp 2 | Harp2 |
| 183 | Yang Chin | YangChin |
| 184 | Timpani | Timpani |
| 185 | Timpani 2 | Timpani2 |
| 186 | String Ensembles | Strings |
| 187 | String Ensembles 2 | Strings2 |
| 188 | String Ensembles 3 | Strings3 |
| 189 | String Ensembles 4 | Strings4 |
| 190 | Strings & Brass | Str&Bras |
| 191 | 60's Strings | 60'sStr |
| 192 | Synth Strings | SynStrs |
| 193 | Synth Strings 2 | SynStrs2 |
| 194 | Synth Strings 3 | SynStrs3 |
| 195 | Synth Strings 4 | SynStrs4 |
| 196 | Synth Strings 5 | SynStrs5 |
| 197 | Choir Aahs | ChoirAah |
| 198 | Choir Aahs 2 | ChoirAah2 |
| 199 | Choir Aahs 3 | ChorAah3 |
| 200 | Voice Oohs | VoiceOoh |
| 201 | Voice Oohs 2 | VoicOoh2 |
| 202 | Humming | Humming |
| 203 | Anlong Voice | AnlVoice |
| 204 | Synth Voice | SynVoice |
| 205 | Synth Voice 2 | SynVoic2 |
| 206 | Orchestra hit | OrchHit |
| 207 | Orchestra Hit 2 | OrchHit2 |
| 208 | Bass Hit Plus | BassHit |
| 209 | 6th Hit | 6thHit |
| 210 | Euro Hit | EuroHit |

| Brass | | |
|--------------|----------------------|----------|
| 211 | Trumpet | Trumpet |
| 212 | Trumpet 2 | Trumpet2 |
| 213 | Dark Trumpet | DarkTrp |
| 214 | Trombone | Trombone |
| 215 | Trombone 2 | Trmbone2 |
| 216 | Trombone 3 | Trmbone3 |
| 217 | Bright Trombone | BritBone |
| 218 | Tuba | Tuba |
| 219 | Tuba 2 | Tuba2 |
| 220 | Muted Trumpet | MuteTrp |
| 221 | Muted Trumpet 2 | MuteTrp2 |
| 222 | Muted Trumpet 3 | MuteTrp3 |
| 223 | French horn | FrHorn |
| 224 | French horn 2 | FrHorn2 |
| 225 | French horn 3 | FrHorn3 |
| 226 | Brass Section | Brass |
| 227 | Brass Section 2 | Brass2 |
| 228 | Brass Section 3 | Brass3 |
| 229 | Synth Brass | SynBrass |
| 230 | Synth Brass 2 | SynBras2 |
| 231 | Synth Brass 3 | SynBras3 |
| 232 | Synth Brass 4 | SynBras4 |
| 233 | Synth Brass 5 | SynBras5 |
| 234 | Synth Brass 6 | SynBras6 |
| 235 | Synth Brass 7 | SynBras7 |
| 236 | Synth Brass 8 | SynBras8 |
| 237 | Analog Synth Brass | AnaBrass |
| 238 | Analog Synth Brass 2 | AnaBras2 |
| 239 | Analog Synth Brass 3 | AnaBras3 |
| 240 | Jump Brass | JumpBras |
| 241 | Jump Brass 2 | JumpBrs2 |
| 242 | Funny | Funny |
| 243 | Funny 2 | Funny2 |
| Reed | | |
| 244 | Soprano Sax | SprmoSax |
| 245 | Soprano Sax 2 | SprnSax2 |
| 246 | Soprano Sax 3 | SprnSax3 |
| 247 | Alto Sax | AltoSax |
| 248 | Alto Sax 2 | AltoSax2 |
| 249 | Alto Sax 3 | AltoSax3 |
| 250 | Tenor Sax | TenorSax |
| 251 | Tenor Sax 2 | TenoSax2 |
| 252 | Tenor Sax 3 | TenoSax3 |
| 253 | Baritone Sax | BariSax |
| 254 | Baritone Sax 2 | BariSax2 |
| 255 | Baritone Sax 3 | BariSax3 |
| 256 | Oboe | Oboe |
| 257 | Oboe 2 | Oboe2 |
| 258 | Oboe 3 | Oboe3 |
| 259 | 2 oboes | 2Oboes |
| 260 | English horn | EngHorn |
| 261 | English Horn 2 | EngHorn2 |
| 262 | English Horn 3 | EngHorn3 |

| 263 | 2 English Horns | 2EngHons |
|-------------------|------------------------------|-----------|
| 264 | Bassoon | Bassoon |
| 265 | Bassoon 2 | Bassoon2 |
| 266 | Bassoon 3 | Bassoon3 |
| 267 | 2 Bassoons | 2Bassoons |
| 268 | Clarinet | Clarinet |
| 269 | Clarinet 2 | Clarinet2 |
| 270 | Clarinet 3 | Clarinet3 |
| 271 | 2 Clarinets | 2Clarins |
| Pipe | | |
| 272 | Piccolo | Piccolo |
| 273 | Piccolo 2 | Piccolo2 |
| 274 | Piccolo 3 | Piccolo3 |
| 275 | 2 piccolos | 2Piccolos |
| 276 | Sweet Flute | SweeFlood |
| 277 | Flute | Flute |
| 278 | Flute 2 | Flute2 |
| 279 | Flute 3 | Flute3 |
| 280 | 2 Flutes | 2Flutes |
| 281 | Recorder | Recorder |
| 282 | Recorder 2 | Recorde2 |
| 283 | 2 Recorders | 2Records |
| 284 | Pan Flute | PanFlute |
| 285 | Pan Flute 2 | PanFlood2 |
| 286 | Sweet Pan Flute | SwPanFlu |
| 287 | Blown bottle | Bottle |
| 288 | Blown bottle 2 | Bottle2 |
| 289 | Shakuhachi | Shakhchi |
| 290 | Shakuhachi 2 | Shakhch2 |
| 291 | Whistle | Whistle |
| 292 | Whistle 2 | Whistle2 |
| 293 | Ocarina | Ocarina |
| 294 | Ocarina 2 | Ocarina2 |
| Synth Lead | | |
| 295 | Lead 1 (square) | SquareLd |
| 296 | Lead 1a (square) 2 | SquarLd2 |
| 297 | Lead 1 (square) 3 | SquarLd3 |
| 298 | Lead 1b (sine) | SineLead |
| 299 | Lead 2 (sawtooth) | SawLead |
| 300 | Lead 2a (sawtooth) 2 | SawLead2 |
| 301 | Lead 2 (sawtooth) 3 | SawLead3 |
| 302 | Lead 2b (saw + pulse) | SawPlsLd |
| 303 | Lead 2c (double sawtooth) | DubSawLd |
| 304 | Lead 2d (sequenced analog) | SquAnaLd |
| 305 | Lead 2d (sequenced analog) 2 | SqAnaLd2 |
| 306 | Wavy Sawtooth | WavySaw |
| 307 | Bauble Lead | BaubleLd |
| 308 | Super Analog | SuperAna |
| 309 | Lead 3 (calliope) | CaliopLd |
| 310 | Lead 3 (calliope) 2 | CalipLd2 |
| 311 | Lead 4 (chiff) | ChiffLd |
| 312 | Lead 4 (chiff) 2 | ChiffLd2 |
| 313 | Lead 4 (chiff) 3 | ChiffLd3 |
| 314 | Lead 5 (charang) | CharanLd |

| | | |
|------------------|------------------------|-----------|
| 315 | Lead 5 (charang) 2 | CharaLd2 |
| 316 | Lead 5 (charang) 3 | CharaLd3 |
| 317 | Lead 5 (charang) 4 | CharaLd4 |
| 318 | Lead 5a (wire lead) | WireLead |
| 319 | Lead 5a (wire lead) 2 | WireLd2 |
| 320 | Lead 6 (voice) | VoiceLd |
| 321 | Lead 6 (voice) 2 | VoiceLd2 |
| 322 | Lead 7 (fifths) | FifthsLd |
| 323 | Lead 7 (fifths) 2 | FifthsLd2 |
| 324 | Lead 8 (bass + lead) | BassLead |
| 325 | Lead 8 (bass + lead) 2 | BasLead2 |
| 326 | Lead 8 (bass + lead) 3 | BasLead3 |
| 327 | Lead 8a (soft wrl) | SftWrlLd |
| 328 | Massiness | Massin |
| 329 | Square | Square |
| 330 | Slow Square Lead | SlwSquLd |
| 331 | Sine solo | SineSolo |
| 332 | Square Lead 4 | SquarLd4 |
| 333 | Thick Square | ThickSqu |
| 334 | 2Oscillators Lead | 2OscLd |
| 335 | Wavy Sawtooth 2 | WavySaw2 |
| 336 | Analog Lead | AnaLead |
| 337 | Big Lead | BigLead |
| 338 | Fat Lead | FatLead |
| 339 | PWM 4th | Rezz4th |
| 340 | Delayed Lead | DelyLead |
| 341 | Delayed Lead 2 | DlyLead2 |
| 342 | Fifth Lead | FifLead |
| 343 | Corrie | Corrie |
| 344 | Quint | Quint |
| Synth Pad | | |
| 345 | Pad 1 (new age) | NewAge |
| 346 | Pad 1 (new age) 2 | NewAge2 |
| 347 | Pad 2 (warm) | WarmPad |
| 348 | Pad 2 (warm) 2 | WarmPad2 |
| 349 | Pad 2a (sine pad) | SinePad |
| 350 | Pad 3 (polysynth) | PolySyn |
| 351 | Pad 3 (polysynth) 2 | PolySyn2 |
| 352 | Pad 3 (polysynth) 3 | PolySyn3 |
| 353 | Pad 3 (polysynth) 4 | PolySyn4 |
| 354 | Pad 4 (choir) | ChoirPad |
| 355 | Pad 4 (choir) 2 | ChoirPd2 |
| 356 | Pad 4a (itopia) | ItopiaPd |
| 357 | Pad 5 (bowed) | BowedPad |
| 358 | Pad 5 (bowed) 2 | BowedPd2 |
| 359 | Pad 6 (metallic) | MetalPad |
| 360 | Pad 6 (metallic) 2 | MetalPd2 |
| 361 | Pad 7 (halo) | HaloPad |
| 362 | Pad 7 (halo) 2 | HaloPad2 |
| 363 | Pad 8 (sweep) | SweepPad |
| 364 | Pad 8 (sweep) 2 | SweepPd2 |
| 365 | Pad 8 (sweep) 3 | SweepPd3 |
| 366 | Pan Pad | PanPad |
| 367 | Pan Pad 2 | PanPad2 |

| | | |
|---------------------|----------------------|----------|
| 368 | Dipolar Pad | DipolPad |
| 369 | PWM Pad | PWMPad |
| 370 | Warmly Pad | WarmlyPd |
| 371 | Horn Pad | HornPad |
| 372 | Click Pad | ClickPad |
| 373 | Analog pad | AnalogPd |
| 374 | 80's Poly Pad | 80'sPoly |
| 375 | PWM 4th Soft | Rezz4thS |
| 376 | Synth Calliope Soft | CalioLdS |
| 377 | Soft vox | SoftVox |
| 378 | 5th SawWave | 5thSaw |
| 379 | 5th Lead Soft | FiftLdSf |
| 380 | Slow Square | SISquare |
| 381 | New Year Pad | NewYear |
| 382 | Space Voice | SpcVoice |
| 383 | Rising | Rising |
| 384 | Congregate | Congrega |
| Synth SFX | | |
| 385 | FX 1 (rain) | FXRain |
| 386 | FX 1 (rain) 2 | FXRain2 |
| 387 | FX 2 (soundtrack) | Soundtrk |
| 388 | FX 2 (soundtrack) 2 | Sondtrk2 |
| 389 | Prelude | Prelude |
| 390 | FX 3 (crystal) | Crystal |
| 391 | FX 3 (crystal) 2 | Crystal2 |
| 392 | FX 3a (synth mallet) | SynMalet |
| 393 | FX 4 (atmosphere) | Atmosphr |
| 394 | FX 4 (atmosphere) 2 | Atmosph2 |
| 395 | Warm Air | WarmAir |
| 396 | FX 5 (brightness) | Bright |
| 397 | Smog | Smog |
| 398 | FX 6 (goblins) | Goblins |
| 399 | FX 6 (goblins) 2 | Goblins2 |
| 400 | Choir Bell | ChorBell |
| 401 | Choir Bell 2 | ChorBel2 |
| 402 | FX 7 (echoes) | Echoes |
| 403 | FX 7 (echoes) 2 | Echoes2 |
| 404 | FX 7b (echo pan) | EchoPan |
| 405 | FX 7a (echo bell) | EchoBell |
| 406 | FX 7a (echo bell) 2 | EchoBel2 |
| 407 | FX 7a (echo bell) 3 | EchoBel3 |
| 408 | FX 8 (sci-fi) | Sci-Fi |
| 409 | FX 8 (sci-fi) 2 | Sci-Fi2 |
| Ethnic Misc. | | |
| 410 | Sitar | Sitar |
| 411 | Sitar 2 | Sitar2 |
| 412 | Banjo | Banjo |
| 413 | Banjo 2 | Banjo2 |
| 414 | Shamisen | Shamisen |
| 415 | Shamisen 2 | Shamise2 |
| 416 | Koto | Koto |
| 417 | Koto 2 | Koto2 |
| 418 | Taisho Koto | TaishoKt |
| 419 | Kalimba | Kalimba |

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|-------------------|----------------------|-----------|
| 420 | Kalimba 2 | Kalimba2 |
| 421 | Bag Pipe | BagPipe |
| 422 | Bag Pipe 2 | BagPipe2 |
| 423 | Fiddle | Fiddle |
| 424 | Fiddle 2 | Fiddle2 |
| 425 | Fiddle 3 | Fiddle3 |
| 426 | Shanai | Shanai |
| 427 | Shanai 2 | Shanai2 |
| Percussive | | |
| 428 | Tinkle Bell | TnklBell |
| 429 | Agogo | Agogo |
| 430 | Steel drums | SteelDrm |
| 431 | Woodblock | WoodBlok |
| 432 | Castanets | Castanet |
| 433 | Taiko drum | TaikoDrm |
| 434 | Concert Bass Drum | ConBasDm |
| 435 | Acoustic Bass Drum | BassDrum |
| 436 | Jazz Kick | JazzKick |
| 437 | Side Stick | SidStick |
| 438 | Analog Rim Shot | AnRiShot |
| 439 | Acoustic snare | A.Snare |
| 440 | Jazz snare | JazSnare |
| 441 | Brush Tap | SrushTap |
| 442 | Concert SD | ConcetSD |
| 443 | Hand Clap | HandClap |
| 444 | Tom | Tom |
| 445 | Brush Tom | BrushTom |
| 446 | Closed hi-hat | ClosedHH |
| 447 | Analog Closed Hi-hat | AnCloHH |
| 448 | Pedal hi-hat | PedalHH |
| 449 | Open Hi-hat | OpenHH |
| 450 | Crash Cymbal | CrashCym |
| 451 | Analog Cymbal | AnaCym |
| 452 | Ride cymbal | RideCym |
| 453 | China Cymbal | ChinaCym |
| 454 | Ride Bell | RideBell |
| 455 | Tambourine | Tambouri |
| 456 | Splash Cymbal | SplashCy |
| 457 | Cowbell | Cowbell |
| 458 | Analog cowbell | AnaCowbl |
| 459 | High Bongo | HiBongo |
| 460 | Low bongo | LoBongo |
| 461 | Mute Hi Conga | MuHiCnga |
| 462 | Open Hi Conga | OpHiCnga |
| 463 | Low conga | LowConga |
| 464 | Analog Hi Conga | AnHiCnga |
| 465 | Analog Mid Conga | AnMiCnga |
| 466 | Analog Low Conga | AnLoCnga |
| 467 | High Timbale | HiTimbal |
| 468 | Low Timbale | LoTimbal |
| 469 | Cabasa | Cabasa |
| 470 | Maracas | Maracas |
| 471 | Analog maracas | AnMaracas |
| 472 | Short guiro | ShGuiro |

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|------------|---------------------------|------------|
| 473 | Long guiro | LoGuiro |
| 474 | Claves | Claves |
| 475 | Mute Cuica | MuCuica |
| 476 | Open Cuica | OpCuica |
| 477 | Mute Triangle | MuTrgle |
| 478 | Open Triangle | OpTrgle |
| 479 | Shaker | Shaker |
| 480 | Mute Surdo | MuSurdo |
| 481 | Open Surdo | OpSurdo |
| 482 | Melodic Tom | MeloTom |
| 483 | Melodic Tom 2 | MeloTom2 |
| 484 | Synth drum | SynDrum |
| 485 | Rhythm Box Tom | RhythBox |
| 486 | Electric Drum | ElecDrum |
| 487 | Reverse Cymbal | RevCymbI |
| SFX | | |
| 488 | Guitar Fret Noise | FretNoiz |
| 489 | Guitar Cutting Noise | GtCtNoiz |
| 490 | Acoustic Bass String Slap | BsStSlap |
| 491 | Breath Noise | BrthNoiz |
| 492 | Flute Key Click | FlKeyClk |
| 493 | Seashore | Seashore |
| 494 | Rain | Rain |
| 495 | Thunder | Thunder |
| 496 | Wind | Wind |
| 497 | Stream | Stream |
| 498 | Bubble | Bubble |
| 499 | Bird Tweet | Tweet |
| 500 | Bird Tweet 2 | Tweet2 |
| 501 | Dog | Dog |
| 502 | Horse Gallop | HouseGlp |
| 503 | Telephone Ring | Telephone |
| 504 | Telephone Ring 2 | Telephone2 |
| 505 | Door Creaking | DoorCrek |
| 506 | Door | Door |
| 507 | Scratch | Scratch |
| 508 | Wind Chime | WindChim |
| 509 | Helicopter | Helicptr |
| 510 | Car Engine | CarEngin |
| 511 | Car Stop | CarStop |
| 512 | Car Pass | CarPass |
| 513 | Car Crash | CarCrash |
| 514 | Siren | Siren |
| 515 | Train | Train |
| 516 | Jetplane | Jetplane |
| 517 | Starship | Starship |
| 518 | Burst Noise | BurtNois |
| 519 | Applause | Applause |
| 520 | Laughing | Laughing |
| 521 | Screaming | Scream |
| 522 | Punch | Punch |
| 523 | Heart Beat | HeartBet |
| 524 | Footsteps | Footstep |
| 525 | Gunshot | Gunshot |

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|-----------------------|--------------------------------|-----------|
| 526 | Machine Gun | MachnGun |
| 527 | Laser Gun | Laser Gun |
| 528 | Explosion | Explosio |
| Combined Voice | | |
| 529 | Stereo Piano & Strings Pad | Pn&StrPd |
| 530 | Stereo Piano & Choir | Pn&Choir |
| 531 | Stereo Piano & Synth Strings | Pn&SyStr |
| 532 | Stereo Piano & Warm Pad | Pn&WrmPd |
| 533 | Stereo Piano & Soft EP | Pn&SfEP |
| 534 | FM Electric Piano | FMEP |
| 535 | Digital piano | DigitlPn |
| 536 | E.Piano & Strings | EP&Str |
| 537 | E.Piano & Acoustic Guitar | EP&Gtr |
| 538 | E.Piano & Vibraphone | EP&Vibra |
| 539 | E.Piano 2 & Pad | EP2&Pad |
| 540 | E.Piano 2 & Strings | EP2&Str |
| 541 | Harpichord & Stereo Strings | Hrps&Str |
| 542 | Music Box & Stereo Strings | MBox&Str |
| 543 | Vibraphone & Stereo Strings | Vib&Str |
| 544 | Vibraphone Octave | VibraOct |
| 545 | Vibraphone & Marimba & Kalimba | Vib&M&K |
| 546 | Marimba & Kalimba | Mar&Cal |
| 547 | Marimba delay | MarDelay |
| 548 | Xylophone Octave | XylopOct |
| 549 | Organ & Stereo Strings | Orgn&Str |
| 550 | Stereo Organ & Piano | Orgn&Pno |
| 551 | Rock Organ & Strings | RkOr&Str |
| 552 | Church Organ & Choir | ChOr&Cho |
| 553 | Church Organ & Strings | ChOr&Str |
| 554 | Acoustic Guitar & Flute | Gtr&Flood |
| 555 | Acoustic Guitar & Clavi | Gtr&Clav |
| 556 | 24 String Guitar | 24StrGtr |
| 557 | Steel Guitar & Warm Pad | StGt&Pad |
| 558 | Stereo Strings & Horn | Str&Horn |
| 559 | Orchestra | Orchestr |
| 560 | Full Strings | FullStr |
| 561 | Full Strings 2 | FullStr2 |
| 562 | Symphonic | Symphon |
| 563 | Stereo Choir & Strings | Cho&Str |
| 564 | Stereo Choir & Steel Guitar | Cho&Gtr |
| 565 | 3 Trumpet Loose | 3Trumpet |
| 566 | Trombone & Stereo Strings | Tomb&Str |
| 567 | 3 Trombones Loose | 3Trmbone |
| 568 | 3 Muted Trumpets Loose | 3MuTrump |
| 569 | Club Brass | ClubBras |
| 570 | Brass & Woodwinds | Brs&Wood |
| 571 | Woodwinds & Strings | Wood&Str |
| 572 | Section Woods Small | WoodSmal |
| 573 | Pan Flute & Strings Pad | PnFl&Str |
| 574 | Koto & Shamisen | Kto&Sham |
| 575 | Flute & Clarinet | Flu&Clar |
| 576 | Flute & Oboe | Flu&Oboe |
| 577 | Flute & Bassoon | Flu&Bn |
| 578 | Flute & Oboe & Clarinet | Fl&Ob&Cl |

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|----------------------------|----------------------------|---------------|
| 579 | Flute & Clarinet & Bassoon | Fl&Cl&Bn |
| 580 | Flute & Oboe & Bassoon | Fl&Ob&Bn |
| 581 | Flute Octave | FluteOct |
| 582 | Flute & Oboe Octave | Fl&ObOct |
| 583 | Flute & Clarinet Octave | Fl&ClOct |
| 584 | Oboe & Bassoon | Oboe&Bn |
| 585 | Oboe & Clarinet | Ob&Cl |
| 586 | Oboe & Clarinet & Bassoon | Whether&Cl&Bn |
| 587 | Oboe Octave | OboeOct |
| 588 | Oboe & Clarinet Octave | Ob&ClOct |
| 589 | Oboe & Bassoon Octave | Ob&BnOct |
| 590 | Clarinet & Bassoon | Cl&Bn |
| 591 | Clarinet & Oboe Octave | Cl&ObOct |
| Chinese Instruments | | |
| 592 | Standard set | StandSet |
| 593 | Room Set | RoomSet |
| 594 | Power Set | PowerSet |
| 595 | Electronic set | ElectSet |
| 596 | Analog set | AnalgSet |
| 597 | Jazz set | JazzSet |
| 598 | Brush Set | BrushSet |
| 599 | Orchestra Set | OrcheSet |
| 600 | SFX Set | SFXSet |

Styles overview

| NO. | English name | LCD Name |
|-----------------------|------------------|----------|
| 8BEAT | | |
| 1 | 8Beat Ballad | 8BtBld |
| 2 | 8Beat Piano | 8BtPiano |
| 3 | 8Beat 1 | 8Beat1 |
| 4 | Guitar Pop 1 | GtPop1 |
| 5 | 8Beat Hip Hop | 8BtHiHop |
| 6 | 8Beat Blues Rock | 8BtBluRk |
| 7 | 8Beat 2 | 8Beat2 |
| 8 | Sweet beat | SweetBt |
| 9 | 8Beat 3 | 8Beat3 |
| 10 | Rhythm&Beat 2 | Rhy&Bt2 |
| 16BEAT | | |
| 11 | 16Beat 1 | 16Beat1 |
| 12 | 16Beat Radio 1 | 16BtFuk1 |
| 13 | 16Beat Ballad 1 | 16BtBld1 |
| 14 | 16Beat R&B | 16BtR&B |
| 15 | Pop 16Beat 1 | Pop16Bt1 |
| 16 | 16Beat Funk 2 | 16BtFuk2 |
| 17 | 16Beat Dance | 16BtDanc |
| 18 | Pop 16Beat 2 | Pop16Bt2 |
| 19 | 16Beat 2 | 16Beat2 |
| 20 | Pop 16Beat 3 | Pop16Bt3 |
| 21 | Pop 16Beat 4 | Pop16Bt4 |
| 22 | Modern 16Beat | Modr16Bt |
| 23 | 16Beat Hot | 16BtHot |
| 24 | 16Beat Modern | 16BtModr |
| 25 | 16Beat Funk 3 | 16BtFuk3 |
| 26 | 16Beat 3 | 16Beat3 |
| 27 | Cool beat | CoolBeat |
| 28 | 16Beat Ballad 2 | 16BtBld2 |
| 29 | 16Beat 4 | 16Beat4 |
| 30 | Pop shuffle | PopShfl |
| POP&BALLAD | | |
| 31 | Pop Rock 1 | PopRock1 |
| 32 | Pop Dance 1 | PopDanc1 |
| 33 | Pop Fusion | PopFusn |
| 34 | Analog Night 1 | AnalgNt1 |
| 35 | 6/8 pop | 6/8Pop |
| 36 | Brit. Pop 1 | BritPop1 |
| 37 | Brit. Pop 2 | BritPop2 |
| 38 | Pop hit | PopHit |
| 39 | Fusion Shuffle | FusShufl |
| 40 | Analog Night 2 | AnalgNt2 |
| 41 | Guitar Pop 3 | GtPop3 |
| 42 | Pop beat | PopBeat |
| 43 | Soft beat | SoftBeat |
| 44 | 60's Pop | 60'sPop |
| 45 | Sting Latin | StigLatn |
| 46 | R&B Ballad 1 | R&BBld1 |
| 47 | Guitar Ballad | GtBallad |
| 48 | Ballad Rock | BaldRock |
| 49 | Piano Pop | PianoPop |
| 50 | Soft ballad | SoftBald |
| 51 | Natural Ballad | NatulBld |
| 52 | Love Ballad | LoveBald |

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|-----------------|----------------|----------|
| 53 | Easy Ballad | EasyBald |
| 54 | Miami Folk | MiamiBld |
| 55 | Slow Ballad | SlowBald |
| 56 | Folk Ballad | FolkBald |
| 57 | Pop Ballad 1 | PopBald1 |
| 58 | Pop Ballad 2 | PopBald2 |
| 59 | EP Ballad | EPBallad |
| 60 | New R&B Ballad | NewRBBld |
| ROCK | | |
| 61 | Skirt | Skirt |
| 62 | New Wave | NewWave |
| 63 | Ska | Ska |
| 64 | Pop Rock 2 | PopRock2 |
| 65 | Slow Rock | SlowRock |
| 66 | 70's Rock&Roll | 70'sRock |
| 67 | Folk Rock | FolkRock |
| 68 | Soft Rock | SoftRock |
| 69 | Old Rock | OldRock |
| 70 | Easy Rock | EasyRock |
| 71 | New Shuffle | NewShufl |
| 72 | Rock Hip Hop | RkHipHop |
| 73 | Rock&Roll 1 | R'N'R1 |
| 74 | Rock Shuffle | RockShfl |
| 75 | Rock&Roll 2 | R'N'R2 |
| BALLROOM | | |
| 76 | Tango 1 | Tango1 |
| 77 | Spain Matador | Matador |
| 78 | Twist 1 | Twist1 |
| 79 | Twist 2 | Twist2 |
| 80 | Big Band Fox | BandFox |
| 81 | Tango 2 | Tango2 |
| 82 | Slow Fox | SlowFox |
| 83 | Slow Waltz 1 | SlowWlz1 |
| 84 | Swing Fox | SwingFox |
| 85 | Salsa 1 | Salsa1 |
| 86 | Cha Cha 1 | ChaCha1 |
| 87 | Cha Cha 2 | ChaCha2 |
| 88 | Beguine 1 | Beguine1 |
| 89 | Beguine 2 | Beguine2 |
| 90 | Rumba 1 | Rumba1 |
| 91 | Samba 1 | Samba1 |
| 92 | Samba 2 | Samba2 |
| 93 | Jive | Jive |
| 94 | Fox Trot | FoxTrot |
| DANCE | | |
| 95 | Techno 1 | Techno1 |
| 96 | Hip Hop 1 | HipHop1 |
| 97 | House 1 | House1 |
| 98 | Down beat | DownBeat |
| 99 | Progressive | Progress |
| 100 | Rap 1 | Rap1 |
| 101 | Disco | Disco |
| 102 | 70's disco | 70'sDisc |
| 103 | Club Dance | ClubDanc |
| 104 | Euro Dance | EuroDanc |
| 105 | Garage | Garage |

| SOUL & FUNK | | |
|------------------------------|---------------------|------------|
| 106 | Radio 1 | Radio1 |
| 107 | Classic radio | ClasFunk |
| 108 | Jay R&B | JayR&B |
| 109 | Gospel Swing | GopSwing |
| 110 | Gospel | Gospel |
| 111 | Radio 2 | Radio2 |
| 112 | Electric Funk | ElecFunk |
| 113 | Groove funk | GrooveFk |
| 114 | Rubber Funk | RubberFk |
| 115 | Cool Funky | ColFunky |
| 116 | Jazz Funk | JazzFunk |
| 117 | Groove | Groove |
| 118 | Soul | Soul |
| 119 | Hip Hop Soul | HipHopSl |
| 120 | Hip hop beat | HipHopBt |
| 121 | R&B | R&B |
| 122 | British Soul Pop | BritSoul |
| 123 | Latin Jazz 1 | LatinJz1 |
| 124 | Big Band 1 | BigBand1 |
| 125 | Dixieland 1 | Dixland1 |
| 126 | Guitar Swing 1 | GtSwing1 |
| 127 | Broadway Big Band | BwayBand |
| 128 | Swing | Swing |
| 129 | Latin Jazz 2 | LatinJz2 |
| 130 | Fusion | Fusion |
| 131 | Acid Jazz | AcidJazz |
| 132 | Cool Jazz Ballad | CoolJzBd |
| 133 | Swing Shuffle | SwingSfl |
| 134 | Big Band Medium | BandMid |
| 135 | Ragtime | Ragtime |
| COUNTRY | | |
| 136 | Country Pop 1 | CntyPop1 |
| 137 | Bluegrass 1 | Bluegrass1 |
| 138 | 8Beat Country | 8BtCnty |
| 139 | Modern Country | ModrCnty |
| 140 | Country Pop 2 | CntyPop2 |
| 141 | Bluegrass 2 | Blugrass2 |
| 142 | 2/4 Country | 2/4Cntry |
| 143 | Country Quick Steps | QuickStp |
| 144 | Country Folk | CntyFolk |
| 145 | Country Shuffle | CnyShufl |
| LATIN&LATIN DANCE | | |
| 146 | Samba 3 | Samba3 |
| 147 | Bossa Nova | BosaNova |
| 148 | Latin | Latin |
| 149 | New Reggae | NewRegga |
| 150 | Reggae Dance | DanRegga |
| 151 | Paso Doble | Pasodobl |
| 152 | Lite Bossa | LteBossa |
| 153 | Latin Rock | LatinRck |
| 154 | Beguine 3 | Beguine3 |
| 155 | Slow Bolero | SlBolero |
| 156 | Disco Samba | DscSamba |
| 157 | Mambo | Mambo |
| 158 | Meneito | Meneito |

| 159 | Rumba 2 | Rumba2 |
|------------------------------|-----------------|-----------|
| 160 | Rumba 3 | Rumba3 |
| 161 | Lambada | Lambada |
| 162 | Pop Cha Cha 1 | PChaCha1 |
| WALTZ&TRADITIONAL | | |
| 163 | Waltz | Waltz |
| 164 | Old Waltz | OldWaltz |
| 165 | English Waltz | EngWaltz |
| 166 | German Waltz | GemWaltz |
| 167 | Italian mazurka | ItaMazuk |
| 168 | Mexico Waltz | MexWaltz |
| 169 | Vienna Waltz | VinaWltz |
| 170 | Slow Waltz 2 | SlwWltz2 |
| 171 | Jazz Waltz | JazzWltz |
| 172 | Polka | Polka |
| 173 | 6/8 March | 6/8March |
| 174 | German polka | GemPolka |
| 175 | Party polka | PtyPolka |
| 176 | Army March | ArmMarch |
| 177 | March | March |
| 178 | US March | USMarch |
| 179 | French Musette | FMusette |
| 180 | Mazurka | Mazurka |
| WORLD | | |
| 181 | Enka Ballad | EnkaBald |
| 182 | Laendler | Laendler |
| 183 | Hawaiian | Hawaiian |
| 184 | Sirtake | Sirtake |
| 185 | Dangdut | Dangdut |
| 186 | 6/8 Flipper | 6/8Flip |
| 187 | New Age | NewAge |
| 188 | Tarantella | Tarantula |
| 189 | Scottish | Scottish |
| 190 | Norteno | Norteno |
| PIANIST | | |
| 191 | Pianist 1 | Pianist1 |
| 192 | Pianist 2 | Pianist2 |
| 193 | Pianist 3 | Pianist3 |
| 194 | March 1 | March1 |
| 195 | Italian polka | ItaPolka |
| 196 | Slow Waltz | SlwWltz |
| 197 | Waltz 1 | Waltz1 |
| 198 | Waltz 2 | Waltz2 |
| 199 | Waltz 3 | Waltz3 |
| 200 | Vienna Waltz | VinaWtz |
| 201 | Latin | Latin |
| 202 | Tango | Tango |
| 203 | Lambada | Lambada |
| 204 | Samba | Samba |
| 205 | ChaCha | ChaCha |
| 206 | Beguine | Beguine |
| 207 | Salas | Salas |
| 208 | Pop Bossa | PopBossa |
| 209 | Jazz 1 | Jazz1 |
| 210 | Jazz 2 | Jazz2 |
| 211 | Jazz 3 | Jazz3 |

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|-----|--------------|-----------|
| 212 | Jazz 4 | Jazz4 |
| 213 | Jazz 5 | Jazz5 |
| 214 | Jazz 6 | Jazz6 |
| 215 | Jazz 7 | Jazz7 |
| 216 | Boogie | Boogie |
| 217 | Jive | Jive |
| 218 | Dixland | Dixland |
| 219 | Blues 1 | Blues1 |
| 220 | Blues 2 | Blues2 |
| 221 | Jazz blouse | JazBlouse |
| 222 | Pop 1 | Pop1 |
| 223 | Pop 2 | Pop2 |
| 224 | Pop 3 | Pop3 |
| 225 | Pop 4 | Pop4 |
| 226 | Ballad 1 | Ballad1 |
| 227 | Ballad 2 | Ballad2 |
| 228 | Ballad 3 | Ballad3 |
| 229 | Ballad 4 | Ballad4 |
| 230 | 6/8 Ballad 2 | 6/8Bld2 |

Song directory

| NO. | English Name | LCD Name |
|-----|------------------------------------|-----------|
| 1 | Toccata | Toccata |
| 2 | Carry Me Back To Old Virginy | Virginy |
| 3 | El Condor Pasa | ElCondor |
| 4 | Five Hundred Miles | 500Miles |
| 5 | Green Grass Of Home | GreenGrs |
| 6 | Greensleeves | Sleeves |
| 7 | Home Sweet Home | SwetHome |
| 8 | La Mer | LaMer |
| 9 | Long Long Ago | LongAgo |
| 10 | Massachusetts | Maschuse |
| 11 | Moon River | MoonRivr |
| 12 | My Darling Clementine | Clemtine |
| 13 | Never On Sunday | NeverSun |
| 14 | Oh! Carol | Oh!Carol |
| 15 | Susanna | Susanna |
| 16 | The Girl From Ipanema | Ipanema |
| 17 | Tombe La Neige | LaNeige |
| 18 | You Are My Sunshine | Sunshine |
| 19 | A Whiter Shade Of Pale | WhtShade |
| 20 | Again | Again |
| 21 | Mambo No. 5 | MamboNo5 |
| 22 | Are You Lonesome Tonight? | Lonesome |
| 23 | Around The World | AroWorld |
| 24 | Auld Lang Syne | LangSyne |
| 25 | Hail Mary | AveMaria |
| 26 | Beyond The Reef | BeyndRef |
| 27 | Blue Tango | BluTango |
| 28 | Brazil | Brazil |
| 29 | Bridal March | Bridal |
| 30 | Can't Help Fallin' In Love | InLove |
| 31 | Chanson Du Toreador | Toreador |
| 32 | Danny Boy | DannyBoy |
| 33 | Do Re Wed | DoReMi |
| 34 | Ebb Tide | EbbTide |
| 35 | Fly Me To The Moon | FlyMoon |
| 36 | Happy Birthday To You | Birthday |
| 37 | Hey Jude | HeyJude |
| 38 | How Deep Is Your Love | DeepLove |
| 39 | If | If |
| 40 | In The Mood | InMood |
| 41 | Jingle Bells | JingBell |
| 42 | Joy To The World | JoyWorld |
| 43 | La Paloma | LaPaloma |
| 44 | La Playa | LaPlaya |
| 45 | La Reine De Saba | Saba |
| 46 | Lara'S Theme From "Doctor Zhivago" | Zhivago |
| 47 | Always In My Heart | MyHeart |
| 48 | Mambo No. 8 | MamboNo8 |
| 49 | Misty | Misty |
| 50 | My Way | MyWay |
| 51 | Annie Laurie | AnnieLa |
| 52 | One Way Ticket To The Blues | OWTickets |
| 53 | Only You | OnlyYou |
| 54 | Petite Fleur | Fleur |

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|-----|--|-----------|
| 55 | Red River Valley | RedRiver |
| 56 | Rhythm Of The Rain | RhymRain |
| 57 | Rock Around The Clock | Skirt |
| 58 | Sail Along Silv'ry Moon | SilyMoon |
| 59 | Sealed With A Kiss | Sealed |
| 60 | Siboney | Siboney |
| 61 | Silent Night | SlitNight |
| 62 | Speak Softly Love | SoftLove |
| 63 | Summertime | Summer |
| 64 | Superstar | Superstr |
| 65 | Sweet And Gentle | SwetGtle |
| 66 | Tennessee Waltz | Tennesse |
| 67 | The End Of The World | EndWorld |
| 68 | The Sound Of Silence | Silence |
| 69 | The Way We Were | TheWay |
| 70 | Top Of The World | TopWorld |
| 71 | Una Lacrima Sul Viso | Lacrima |
| 72 | Unchained Melody | Melody |
| 73 | Love Story | LoveStry |
| 74 | Words | Words |
| 75 | Yesterday | Yestday |
| 76 | Yesterday Once More | OnceMore |
| 77 | 13 Jours En France | 13France |
| 78 | A Lover'S Concerto | Concerto |
| 79 | Air For The G-String | G-String |
| 80 | On The Shonen Blue Danube | Danube |
| 81 | The Sleeping Beauty | SleepBty |
| 82 | La Traviata | LaTravia |
| 83 | Lullaby | Cradle |
| 84 | Mov. 2 Adagio Non Troppo Piano Sonata No. 9 In D | Sonata9 |
| 85 | Piano Sonata No. 11 In A | Sonata11 |
| 86 | Prelude In C | Prelude |
| 87 | Chinese Dance | ChDance |
| 88 | Emperor Waltz | Emperor |
| 89 | March Militaire | Militair |
| 90 | Symphony No. 40 | Symphony |
| 91 | Hanon Piano Fingering 1 | Hanon1 |
| 92 | Hanon Piano Fingering 2 | Hanon2 |
| 93 | Hanon Piano Fingering 3 | Hanon3 |
| 94 | Hanon Piano Fingering 4 | Hanon4 |
| 95 | Hanon Piano Fingering 5 | Hanon5 |
| 96 | Basic Tutorial Beyer Piano 12 | Beyer12 |
| 97 | Basic Tutorial Beyer Piano 13 | Beyer13 |
| 98 | Basic Tutorial Beyer Piano 14 | Beyer14 |
| 99 | Basic Tutorial Beyer Piano 15 | Beyer15 |
| 100 | Basic Tutorial Beyer Piano 18 | Beyer18 |
| 101 | Cuckoo | Cuckoo |
| 102 | Basic Tutorial Beyer Piano 21 | Beyer21 |
| 103 | Basic Tutorial Beyer Piano 29 | Beyer29 |
| 104 | Butterfly | Buterfly |
| 105 | Basic Tutorial Beyer Piano 45 | Beyer45 |
| 106 | Christmas Eve | XmasEve |
| 107 | Basic Tutorial Beyer Piano 50 | Beyer50 |
| 108 | Basic Tutorial Beyer Piano 52 | Beyer52 |
| 109 | Basic Tutorial Beyer Piano 55 | Beyer55 |

| | | |
|-----|---|----------|
| 110 | Basic Tutorial Beyer Piano 59 | Beyer59 |
| 111 | Beyer Eight Degrees Jump Etude | BeyrJump |
| 112 | Basic Tutorial Beyer Piano The Scale Of C Major | BeyerC |
| 113 | Basic Tutorial Beyer Piano 65 | Beyer65 |
| 114 | Basic Tutorial Beyer Piano 66 | Beter66 |
| 115 | Old Folks At Home (Piano) | OldFolk2 |
| 116 | Basic Tutorial Beyer Piano The Scale Of G Major | BeyerG |
| 117 | Basic Tutorial Beyer Piano 70 | Beyer70 |
| 118 | Basic Tutorial Beyer Piano 72 | Beyer72 |
| 119 | Basic Tutorial Beyer Piano 73 | Beyer73 |
| 120 | Basic Tutorial Beyer Piano 74 | Beyer74 |

Demo songs directory

| NO. | English Name | LCD Name |
|-----|--------------|----------|
| 1 | Demo1 | Demo1 |
| 2 | Demo2 | Demo2 |
| 3 | Bossa Nova | BosaNova |
| 4 | Fusion | Fusion |
| 5 | Jazz | Jazz |

MIDI implementation

| Function | | Transmitted | Recognized | Remarks |
|------------------|---|---|--|---|
| Basic Channel | Default Changed | 1ch 1-16ch | ALL 1-16ch | |
| Mode | Default Messages Altered | x x ***** | 3 3 x | |
| Note Number | Note :True voice | 0—127 ***** | 0—127 0—127 | |
| Velocity | Note on Note off | o 9nH,V=1-127 x (9nH,V=0) | o 9nH,V=1-127 o(9nH,V=0; 8nH,V=0-127) | |
| After Touch | key's Ch's | x x | x x | |
| Pitch Bend | | o | o | |
| Control Change | 0 1 5 6 7 10 11 64 65 66 67 80 81 91 93 120 121 123 | o x x o o x x o x o o o x x x | o o o o o o o o o o o o o o o o | Bank Select Modulation Portamento Time Data Entry Volume Pan Expression Sustain Pedal Portamento ON/OFF Sostenuto Pedal Soft Pedal Reverb Program Chorus Program Reverb Level Chorus Level All Sound Off Reset All Controllers All Notes Off |
| Program Change | :true | o ***** | o 0—127 | |
| System Exclusive | | x | o | |
| System Common | :SongPosition :Song Select :Tune | x x x | x x x | |
| System Real Time | :Clock :Commands | o x *1 | x x *1 | |
| Aux Messages | :LOCAL ON/OFF :Active sense :Reset | x x x | x o x | |
| Notes: | *1 When the accompaniment is started, an FAH message is transmitted. When accompaniment is stopped, an FCH message is transmitted. | | | |

- Mode 1: OMNI ON, POLY
- Mode 2: OMNI ON, MONO

- Mode 3: OMNI OFF, POLY
- Mode 4: OMNI OFF, MONO

- o: YES
- x: NO

WEEE Declaration (Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured using high quality materials and components that are recyclable and reusable. This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of their service life.

Please dispose of this device at your local municipal collection point or at the recycling center.

Please help protect the environment in which we all live.

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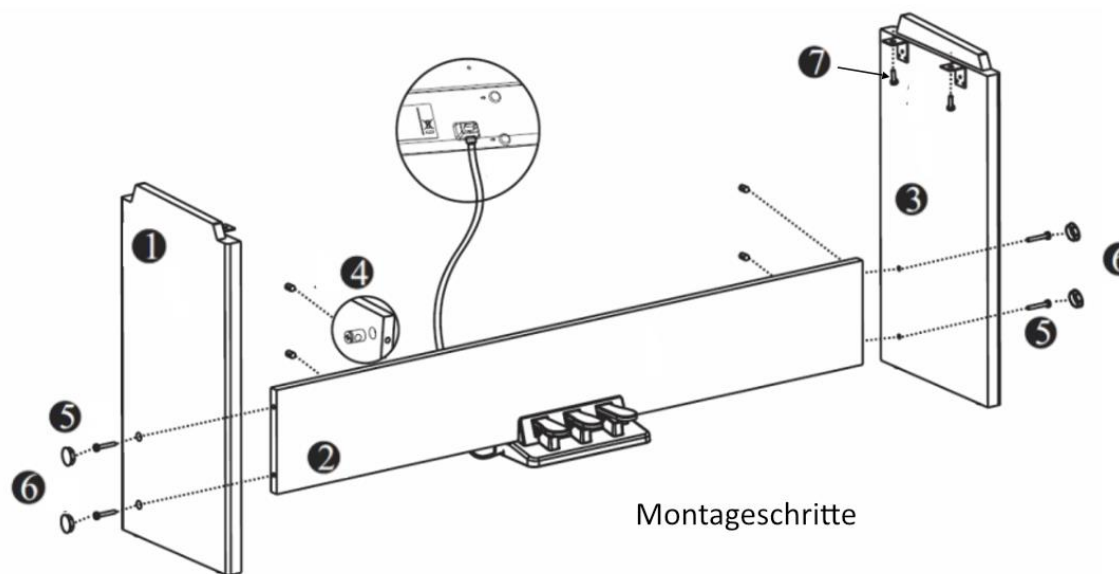
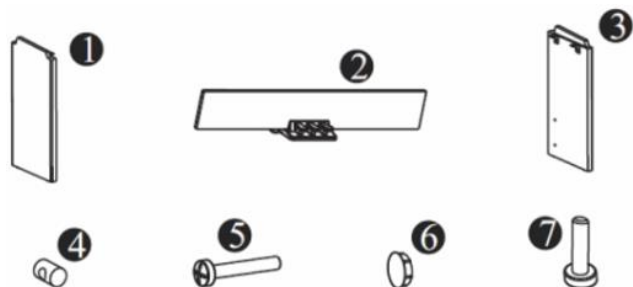
Fax: 0049-8861-909494-19



UB-100SP Unterbau und Pedaleinheit für SP-150/SP-250

1. Stellen Sie die Pedaleinheit (2) auf den Boden und halten Sie den rechten/linken Standfuss bereit
2. Schieben Sie die Einsteckmutter (4) in die rückseitig vorgesehenen Bohrungen
3. Führen Sie je 2 der langen Schrauben M6x50 (5) links/rechts durch den Standfuss in die Einsteckmutter und ziehen Sie diese mit einem Schraubenzieher fest
4. Mit den Kunststoffkappen (6) können Sie die Schrauben abdecken
5. Setzen Sie das Stagepiano auf den Unterbau und befestigen dieses mit den kürzeren Schrauben M6 x 12 (7)
6. Verbinden Sie nun das Kabel der Pedale mit der zugehörigen Buchse am Stagepiano

| No. | Bezeichnung | Menge |
|-----|-------------------|-------|
| ① | Linker Standfuss | 1 |
| ② | Pedaleinheit | 1 |
| ③ | Rechter Standfuss | 1 |
| ④ | Einsteckmutter | 4 |
| ⑤ | Schraube M6x50 | 4 |
| ⑥ | Kunststoffkappe | 4 |
| ⑦ | Schraube M6x12 | 4 |



UB-100SP stand and 3 key pedal unit for SP-150/SP-250

1. Place the pedal unit (2) on the floor and have the right/left leg ready.
2. Push the insert nuts (4) into the holes provided on the rear side.
3. Insert 2 each of the longer M6x50 screws (5) left/right through the stand into the insert nuts and tighten them with a screwdriver
4. Cover the screws with the plastic caps (6)
5. Place the stage piano on the base and fix it with the shorter screws M6 x 12 (7)
6. Now connect the cable of the pedals to the corresponding socket on the stage piano

| No. | Description | Qty |
|-----|-------------------|-----|
| ① | Left leg assy | 1 |
| ② | Pedal unit assy | 1 |
| ③ | Right leg assy | 1 |
| ④ | Insert nuts | 4 |
| ⑤ | Screw M6x50 | 4 |
| ⑥ | Screw plastic cap | 4 |
| ⑦ | Screw M6x12 | 4 |

