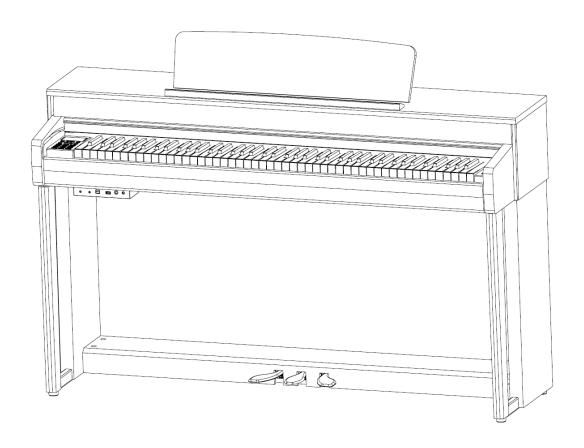
DP 361



Owner's Manual

Version: 11/2019

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Thank you for choosing this product.

To ensure that you are fully satisfied with this product, carefully read and understand this manual before using this instrument. Keep this manual in a safe place. The operating instructions must be passed on to all subsequent users.



Observe operating instructions!

MARNING

The WARNING signal word identifies hazards that, without precautions, could result in serious injury.

▲ NOTE

The signal word NOTE indicates general precautions that should be observed when handling the product.

∧ NOTE

Images and screen images in this manual may differ slightly from the actual product's appearance, as long as it does not adversely affect the technical characteristics and safety of the product.

▲ NOTE

All personal phrasing in this manual should be considered gender neutral.

These operating instructions apply to responsible persons and users who have been supervised by a person responsible for their safety or instructed in the operation of the device and who have proven to be able to handle the device.

⚠ WARNING

Children should be supervised to ensure that they do not use this device as a toy.

Never allow children to play unattended with the packaging material.

⚠ WARNING

Danger of property damage! We are not liable for accidents that occur as a result of non-observance of the safety instructions or due to incorrect handling.

All information in this manual has been checked to the best of our knowledge and belief. However, neither author nor publisher can be held liable for any damage related to the use of this manual.

Other product, brand and company names mentioned herein may be the trademarks of their respective owners. Compliance with all applicable copyright laws is the responsibility of the user of this document.

⚠ WARNING

Caution

Please observe the following basic information in order not to endanger yourself or others and to avoid damage to external devices.



Warning

Do not disassemble the instrument and do not modify it. This could result in electric shock. Entrust a specialist workshop with any necessary service and maintenance or contact your dealer.

If you notice that the power cord is showing signs of wear, the unit shows malfunctions, burns, smells or smokes, unplug the power cord immediately and have a technician repair it.

Before you clean the instrument, you should disconnect it from the mains power. Always place the instrument on a level, stable surface to ensure a secure footing. Do not use the instrument in a damp or wet environment.

Do not place vessels that are filled with liquids on the instrument, such as vases, glasses or bottles.

Do not place small objects on it that could slip in, such as Hairpins, sewing needles or coins.

Do not place burning candles on the instrument.



Precautions

To avoid damage to the instrument, do not place it in places with high temperatures or dust, do not place it next to an air conditioner and avoid direct sunlight. Do not place the instrument near other electrical equipment to avoid interference. Do not use force when handling the instrument or place heavy objects on it. Disconnect the instrument from the power if you are not going to use it for a long time. To disconnect the device from the mains, pull the plug, not the cable. Please handle the power cable with care. It should not be near radiators, you should not place heavy objects on it and move it so that people can not step on it or fall over it. Please note that continuous high volume can permanently damage your hearing. Adjust the volume carefully.

⚠ WARNING

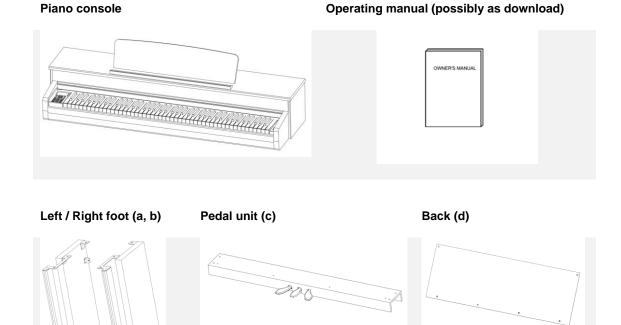
Power adapter

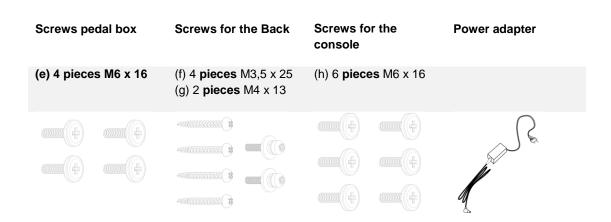
Please connect the supplied power adapter to a power outlet with the correct voltage. Do not connect it to mains voltages other than those for which the instrument is intended. Unplug the power cord if you are not going to use the product for a long time or if there is upcoming a thunderstorm.

Assembly

Please unpack the instrument carefully and make sure all components listed below are in perfect condition.

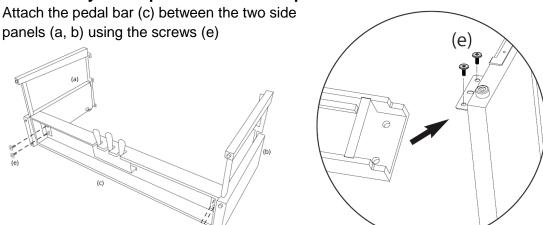
If any items are missing or damaged, please contact the manufacturer.



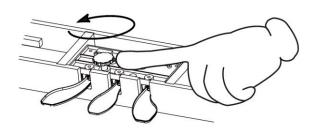


▶ It may be useful to keep the packaging materials in case the instrument needs to be transported to a faraway place.

Assembly of the pedal bar and side panels



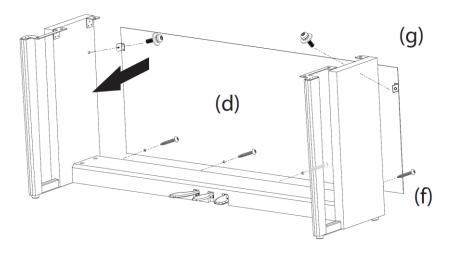
Unscrew the spacer screw under the pedal unit until it makes contact with the ground and the pedal unit can be supported against the pedal pressure towards the ground.



Attach the Back

Attach the Back to the base from the rear and attach it to the side panels using the screws (g).

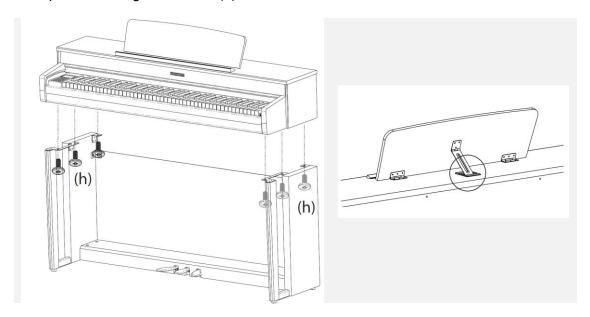
Make sure the base is properly aligned and secure the Back to the pedal bar using the screws (f).



Fitting the piano console

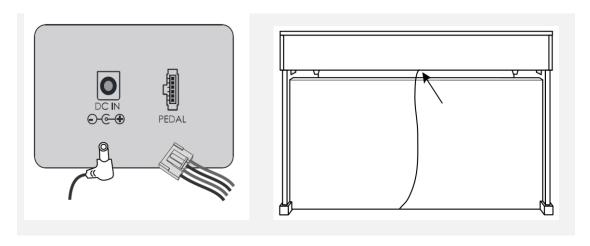
Carefully place the piano console on the base. Pay attention to your fingers. Connect the two components using the screws (h)

Set up the music stand and hold it at the desired angle with the metal base



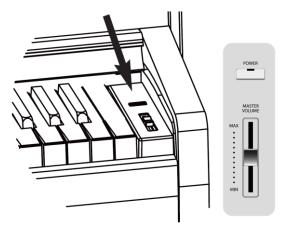
Connect the pedal cable and power cord

Connect the pedal cable (this is already placed on the underside of the pedal bar) with the matching connection on the underside of the piano console



Basic operation

Power switch



Insert the jack plug of the power supply unit into the socket at the bottom of the console and then plug the power plug into the socket.

Now press the power button to turn on the instrument.

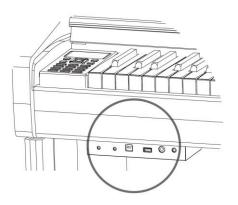
- ► When switching on for the first time, "German G.Piano" is selected as "Voice".
- ► Adjust the desired volume with the MASTER VOLUME control.

To turn off the instrument, press and hold the power button. All settings made will be reset to the default value when restarting. Recordings are saved in the memory.

Auto Power Off (APO)

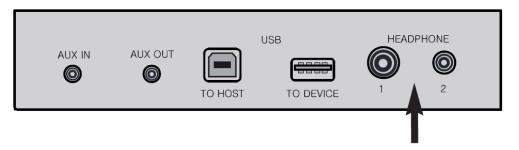
This instrument automatically shuts off, if it is not used for 30 minutes. This setting can be changed via function-menu.

Headphone jacks

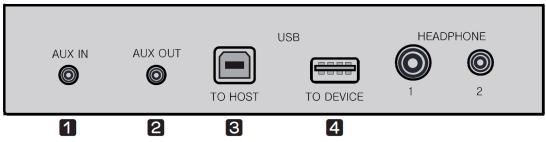


There are two headphone jacks in the connection panel at the bottom left of the piano console

- ► The loudspeakers of the instrument are automatically deactivated when a headphone is connected
- ► To allow the connection of both commercially available headphone plug, the instrument has a 6.35 mm and a 3.5 mm headphone jack.
- ▶ Both headset connections can be used simultaneously. Thus, two players can practice together through headphones.



Connections



Connection panel at the bottom left of the piano console

1 Aux In – Stereo 3.5mm

The Aux-In jack can be used to connect external audio devices such as Mp3 players. The incoming music signals through this jack are played through the loudspeakers of the piano. It is recommended to turn off both devices before making a cable connection. Initially, to avoid damage, set the volume of both devices to a low level.

2 Aux Out – Stereo 3.5mm

The Aux-Out jack can be used to connect external amplifiers or recorders. The music signals sent out via this jack can be played back via an external amplifier or recorded by a recording device. It is recommended to turn off both devices before making a cable connection. Initially, to avoid damage, set the volume / sensitivity of both devices to a low level.

3USB to HOST - (USB - B)

The USB-to-HOST jack connects to the computer to transmit MIDI or audio data. The connection is made via a USB A to B cable (not included).

To use the piano as a MIDI input device, start MIDI-capable software (not included) on your computer and select the piano as a MIDI device within the application. To use the piano as an audio source, select the instrument in the audio settings of the computer as the audio device.

NOTE: The instrument uses USB 2.0. It is recommended not to exceed a cable length of 1.2m. The instrument supports Windows XP or higher, Mac OS X and iOS 4.0 and higher. Compatibility with Android Devices may be limited depending on the manufacturer and version. No further drivers are needed. After connecting, to avoid malfunction, wait a few seconds before using the instrument.

4USB to DEVICE - (USB - A)

An external storage medium in the form of a USB stick can be attached to the USB-to-device socket. The MP3 and SMF files from the USB stick can be played via the piano.

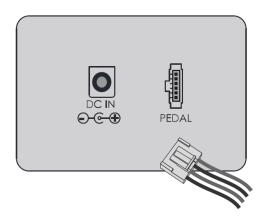
NOTE The instrument supports USB sticks with FAT32 formatting. Do not remove the stick during data transfer. After attaching the stick, to avoid malfunctions, wait a few seconds before using the piano.

Pedals

The instrument has three pedals. These simulate the pedals of a real concert piano.

Connecting the pedal cable

Disconnect the pedal cable which is fixed under the pedal box and connect it to the corresponding socket on the underside of the piano console.



How to operate the pedals

1 Sustain Pedal (right pedal)

This pedal has the same function as the sustain pedal of an acoustic piano. Notes played while the pedal is pressed continue to sound when the key on the keyboard is released. This Instrument also features a half-pedal-function. This function simulates the sound of a piano string slightly touched by the damper with the pedal pressed lightly.

2 Sostenuto Pedal (middle pedal)

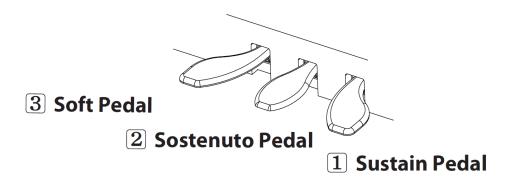
This pedal has the same function as the Sostenuto-Pedal of a concert piano. It behaves similar to the sustain pedal, but only the sounds are retained which are triggered simultaneously with the pedal.

3 Soft Pedal (left pedal)

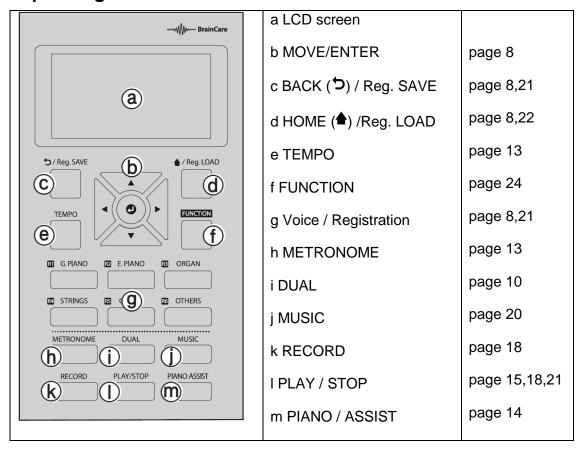
This pedal has the same function as the Soft Pedal of an acoustic piano. Pressing this pedal softens and thins the sound a bit.

Rotary-Effect-Pedal (left and middle pedal)

If a Rotary-Effect is selected in the effect section, the left pedal can be used to switch to a faster speed. With the middle pedal you can stop abruptly the Rotary-Effect.



Operating unit



Using the MOVE/ENTER keys

Bring the cursor on the screen with the arrow keys to the desired position. Press the Enter key in the middle of the arrow keys to confirm your selection and open menus.

Using the BACK (♦) and HOME (♠) buttons

The back button takes you back one step.

The Home button returns you to the main screen. In recording, music or piano assist mode, you will be taken to the respective main screen of the selected function.

Operation

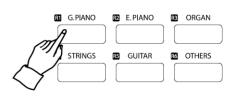
Adjusting the volume

To adjust the overall volume, use the volume slider



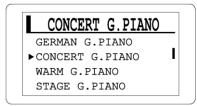
Choosing a Tone (Voice)

Press the key of the desired voice group. Now press the ENTER button (b) to display the voice list of this group. Select the desired tone using the arrow keys.









You can also scroll through the tones using the ◀ or ▶ keys without selecting a group.

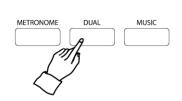
Voice-Liste

voice-Liste						
G.Piano	E.Piano	Organ				
German G. Piano	Vintage E. Piano	Pipe Organ				
Concert G. Piano	Modern E. Piano	E. Organ Gospel				
Warm G. Piano	Bright E. Piano	E. Organ Jazz				
Stage G. Piano	Clavinet	E. Organ Rock				
Mellow G. Piano	Harpsichord	Accordion				
Light Pop G. Piano	Vibraphone					
Honkytonk Piano	Synth Lead 1					
	Synth Lead 2					
Strings	Guitar	Others				
Symphony Strings	Acoustic Guitar	Brass Section				
Bright Strings	Steel Guitar	Big Band Brass				
Brass Strings	Jazz Guitar	Synth Brass				
Pizzicato Strings	Driven Guitar	French Horn				
Synth Strings	Acoustic Bass	Trumpet Soloist				
Slow Strings	Elec Bass	Flute Soloist				
Violin Soloist		Orchestral Oboe				
Cello Soloist		Clarinet				
Choir Aha		Alto Sax				
Vocal Ooh		Tenor Sax				
		Drum Set				
		SFX Set				
	1					

For the Voices E. Organ Gospel, Jazz and Rock the Rotary-Effect is automatically activated.

Dual

Press the DUAL button to enter the Dual Mode. In this mode, you can combine multiple timbres in different ways. Pressing the DUAL button repeatedly will enter the different operating modes.





In Dual Mode you can choose from the following options:

DUAL mode		Layer / Split	Twin Piano			
Order in the menu	Layer	Layer Layer+Split Split Off				Off
LED color	white	pink	red	off	white	off
Display	LY	LY,SP	SP	-	+	-

Layer

Here two tones per key are played simultaneously.

First select the desired main voice (Main Voice).

Now press the DUAL button. The cursor in the display points to LY and the DUAL button lights in white color. Now select the desired second tone (Layer Voice) using the ◀ or ▶ keys.

By moving the cursor up and down, you can switch between the selection of the main and layer voice

The volume levels of both voices can be adjusted individually. See function menu.

Press the DUAL button three times to deactivate the mode.

Split

Here, the keyboard divides into two areas with different timbres. First, select the desired main voice for the right keyboard half.

Now press the DUAL button three times. The cursor on the display points to SP and the button lights in red.

Now select the desired second tone (split voice) for the left keyboard half using the

or

keys.

By moving the cursor up and down, you can switch between the selection of the main and split voices.

The volume levels of both voices can be adjusted individually. See function menu.

Press the DUAL button again to deactivate the mode.

Layer+Split

Layer and split function can be combined.

First, select the desired main voice for the right keyboard half.

Now press the DUAL button twice. The display shows the respective voice for LY and SP and the button lights in pink.

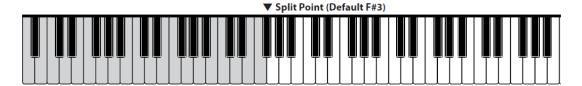
By moving the cursor up and down, you can switch between the selection of the main, layer and split voice. Now select the desired tone using the ◀ or ▶ keys.

The volume levels of the different voices can be adjusted individually. See function menu.

Press the DUAL button twice to deactivate the mode.

Move the split point

The split point defines the boundary between the left and right half of the keyboard. The split point can be chosen individually. See function menu. The default value for the split point is F # 3 (the third Fis from the left).

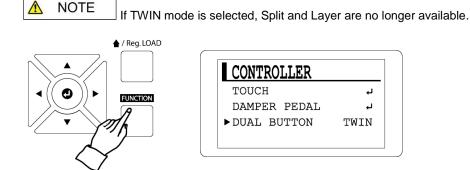


Twin Piano

This function divides the keyboard into two equal parts. Now two players can play in the same pitch at the same time.

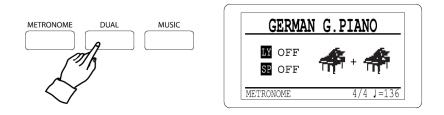
The operation of the pedals is adapted to the split keyboard. The left pedal controls the sustain effect of the left keyboard half and the right pedal controls the sustain effect of the right keyboard half.

To be able to use this mode, you have to switch in the function menu in the category Controller in dual mode to the value TWIN. See function menu.

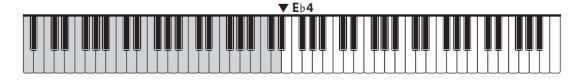


First select the desired tone.

Now press the DUAL button. The display will show the icon of the selected voice twice and the button will light in white.



The keyboard is now split at Eb4.



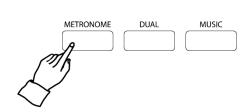
Press the DUAL button again to deactivate the TWIN mode.

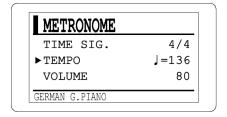
Metronome

Start / Stop

Press the METRONOME button to start the metronome.

Press the METRONOME button again to stop the metronome.





Metronome Settings

Press the METRONOME button to enter the metronome menu. Use the \triangle and \bigvee keys to select the desired value.

Change the desired value using the ◀ or ▶ keys. Holding the key down for a longer time makes the change quicker. Press the ◀ and ▶ keys simultaneously to return to the default value.

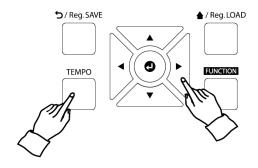
The following values can be changed:

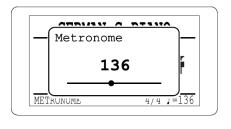
Display	Value Range		
TIME SIG.	2/2, ½, 2/4, ¾, 4/4, 5/4, 6/4, 7/4, 6/8, 9/8, 12/8, 3/8, 7/8	4/4	
TEMPO	40 - 250	120	
VOLUME	50 -100	80	

TEMPO

The TEMPO button makes it easy to set the metronome speed.

Press the TEMPO button to access the speed display. Now change the value using the ◀ or ▶ keys.





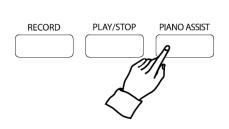
"Piano Assist" Function

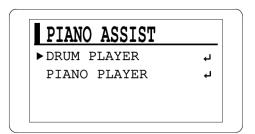
In the Piano Assist function two different assistants can be selected. In Drum Player mode, you can be accompanied by a drum rhythm. In Piano Player mode, the instrument plays complicated left-hand chord patterns on its own, making it easier to play challenging piano pieces.

To start Piano Assist

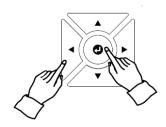
To start Piano Assist, press the PIANO ASSIST button.

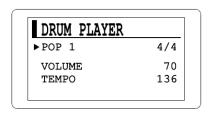
Now use the arrow keys \blacktriangle \blacktriangledown to select between Drum Player and Piano Player and confirm the selection with the Enter key \bullet .





Drum Player

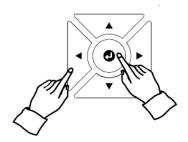


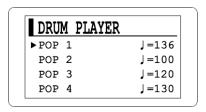


In Drum Player mode you can choose between many different drum rhythms.

Use the Curser in the Drum Player menu window to select the drum rhythm.

By pressing the ◀ or ▶ keys, you can choose between available rhythms. After selecting the rhythm, press the Enter key ● to go to the list of available rhythms.





The following	rhythma	of drum	accompaniment	are available:
The following	myumis	oi arum	accompaniment	are available.

	DRUM PLAYER									
01	Pop 1	11	Motown	21	Swing 1	31	Waltz 4			
02	Pop 2	12	Slow Rock	22	Swing 2	32	March 1			
03	Pop 3	13	Funk	23	Jazz 1	33	March 2			
04	Pop 4	14	Latin 1	24	Jazz 2	34	Polka			
05	Ballad 1	15	Latin 2	25	Bossanova1	35	Bluegrass			
06	Ballad 2	16	Latin 3	26	Bossanova2	36	Country 1			
07	Rock 1	17	Rhumba	27	Bossanova3	37	Country 2			
08	Rock 2	18	Salsa	28	Waltz 1	38	Reggae			
09	Shuffle1	19	Tango 1	29	Waltz 2	39	Chacha			
10	Shuffle2	20	Tango 2	30	Waltz 3	40	Makarena			

The drum player starts as soon as you press a key on the keyboard or the START / STOP key. Press START / STOP again to stop the drum player. Press the PIANO ASSIST button again to exit this mode.

Piano Player

In the Piano Player mode, you can choose between numerous accompanying characters, which facilitate the play of the left hand.

The operation of the Piano Player mode is analogous to the drum player.

You can choose between the following accompanying characters:

	PIANO PLAYER								
01	Arpeggio 4/4	11	Boogie						
02	Arpeggio 3/4	12	Waltz						
03	Ballad	13	Skate Waltz						
04	Slow Rock	14	Jazz Waltz						
05	Polka	15	Beguine						
06	March	16	Twist						
07	Blues1	17	Jive						
08	Blues2	18	Obladi						
09	RocknRoll	19	Dixieland						
10	Swing	20	Country						

The piano player starts as soon as you play a chord in the left keyboard area.

The instrument now plays on its own the associated chord break of the selected accompanying figure. Press the START / STOP button to stop the piano player. Press the PIANO ASSIST button again to exit this mode.

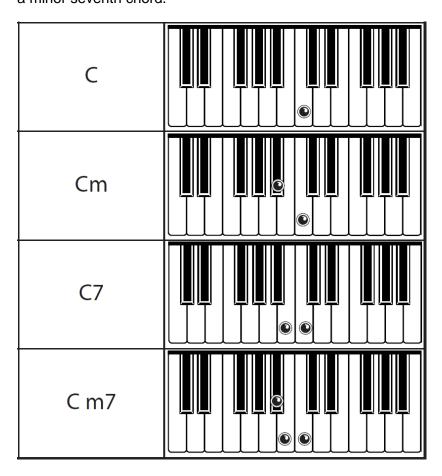
Chord specification for the piano player

In Piano Player mode, it is necessary to specify the chord of the desired accompaniment character.

For this purpose, two methods can be used with this instrument:

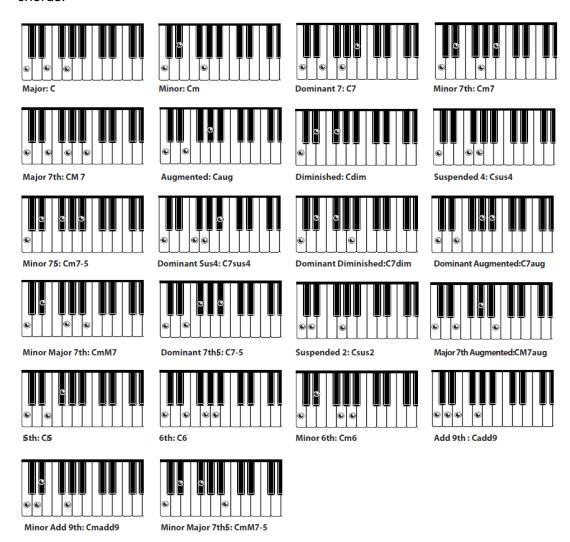
Single Finger method

With the Single Finger method, chords can be specified with 1-3 fingers. Here, the root of a chord is enough to define a major triad. The keynote and the nearest left black key lead to a minor triad. The root note and the nearest left white key give a dominant seventh chord and the root note and the nearest left white and black keys a minor seventh chord.



Fingered

With the fingered method, it is possible to specify a chord by all chord tones involved. The advanced player can use this method to reproduce more complicated chords.



Select the Method

In the Piano Assist window, you can choose between two settings for chord recognition. Press PIANO ASSIST and then select Piano Player. Move the cursor to the ACCOMP menu dialog and use the ◀ or ▶ keys to select between MULTI.F and FINGERED. In MULTI.F mode, the piano recognizes both chord input methods (Single Finger + Fingered). This setting is the default setting.

Further settings

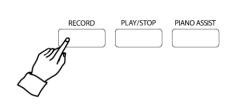
You can select additional settings in the Piano Assist screen. Press PIANO ASSIST and then select Piano Player. Move the cursor to the desired menu dialog and use the ◀ or ▶ keys to change the tempo or volume of the Piano Player.

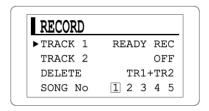
Display	Value Range	Default	Restriction
VOLUME	0 - 100	70	
TEMPO	40 - 250	rhythm dependent	
ACCOMP	MULTI.F / FINGERED	MULTI.F	Only in the piano player

"Record" Function

Recording and playback

Press the RECORD button to go to the screen for recording.





Track 1 is now ready for recording.

Use the ◀ or ▶ keys to toggle the status of the track between READY REC (record-ready) and OFF (inactive). If Track 1 is inactive, the status of track 2 is automatically changed to READY REC.

Press START / STOP or play the keyboard to start recording.

To stop recording, press the START / STOP button again. The status of the track will now change to PLAY.

To play the recorded track, press the START / STOP button again.

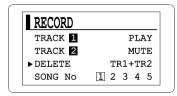
To record a second track simultaneously with playback, use the cursor to change the status of Track 2 to READY REC. Start recording by pressing the START / STOP button or playing on the keyboard.

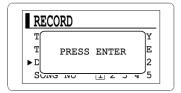
To add a second track without hearing the recording of Track 1, go with the cursor to TRACK 1 and set its status with the ◀ or ▶ keys on MUTE.

A track occupied by a recording cannot be dubbed. If you would like to replace this track, delete the current recording via the menu dialog DELETE.

Here you can select with the arrow keys which track should be deleted (TR1, TR2 or TR1 + TR2).







The piano has 5 memory slots for 2 tracks each. These can be selected in the SONG No menu dialog using the ◀ or ▶ keys.

Press the RECORD button again to exit the RECORD menu.

NOTE If no key is pressed for a long time during recording, recording will stop automatically.

The recording capacity per track is 4500 notes. If this number is exceeded, the recording stops automatically.

If you want to use the metronome while recording, start the metronome before recording. The metronome will not be recorded.

The piano has an internal memory. The recorded tracks are not lost when switching off the piano.

Recording with Piano Assist

The piano can also record your playing with Piano Assist. Just start the Piano Assist function before recording. The recording can only be done on Track 1 in READY REC status. Track 2 cannot save Piano Assist data. When changing to Track 2 or already assigned Track 1, the Piano Assist function will be switched off automatically.

Music Databank

The instrument contains various music data which can be used for practicing or simply for listening.

You can also play music from a USB stick (not included in scope of delivery) on the piano. The supported file formats are SMF and MP3.

Press the MUSIC button to go to the corresponding selection menu.

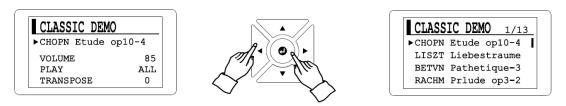


Navigate with the cursor to the desired menu item and confirm with Enter.

Classic Demo includes 50 classic demo songs.

Edu MUSIC includes an etude collection of some famous composers.

By confirming with the Enter button you will get to the respective operating menu. Press Enter again to go to the selection in the list.



Press the START / STOP button to play the desired track.

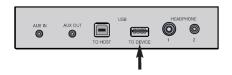
In the operating menu, different parameters are available for modification. Navigate with the cursor to the desired parameter. This allows you to change the volume (VOLUME) and pitch (TRANSPOSE) of a song. In the PLAY menu dialog, you can select whether all songs should be played one after the other, only one song once or one song repeatedly. For Edu Music rehearsals, the speed and part (left, right or left and right hands) can also be selected for playback.

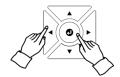
USB-Player

The piano can play music data from a USB stick (not included in the scope of delivery). The supported file formats are SMF and MP3.

The instrument only supports USB flash drives with FAT32 format.

Press the MUSIC button and navigate the curser to SMF (if you want to play standard MIDI files from the stick), MP3 (if there is MP3 data on the stick) or VP (if you want to play Advanced MIDI Files).







Navigate with the cursor to the desired file. Where stands for a folder and for the respective music file. Selecting takes you to the higher-level folder.

Start the selected track using the START / STOP button.

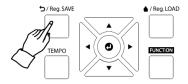
In the operating menu, different parameters are available for modification. Navigate with the cursor to the desired parameter and confirm with Enter. This allows you to change the volume (VOLUME) of a song. In the PLAY menu dialog, you can select whether all songs should be played one after the other, only one song once or one song repeatedly.

Registration Memory

Saving a Registration

The instrument has five registration memory banks, each with six registration memories (R1-R6). These allow you quick access to preferred settings.

To save the current status of your piano's settings, press and hold the Reg.SAVE button and one of the six registration buttons (R1-R6).







NOTE: If memory data already exists on the selected registration memory location, this data will be overwritten.

Calling up a Registration

To recall the settings stored in a Registration Memory location, press and hold the Reg.LOAD button and one of the six Registration buttons (R1-R6).

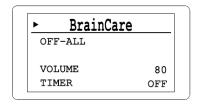
Changing the Registration Memory Bank

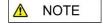
To switch to another Registration Memory bank, use the menu dialog REGIST BANK in the SYSTEM category of the function menu. There are 5 Memory banks (A-E) available. See function menu.

BrainCare

The instrument has a separate BrainCare mode. To get into this operating state, turn off the instrument. Now press and hold the FUNKTION key and switch on the instrument. Hold down the FUNKTION key until the instrument is started in secured BrainCare mode.





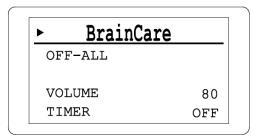


There are no piano functions available in BrainCare mode.

In this operating mode, you can choose from different categories of background noise atmosphere with timer function.

These categories can be combined with each other. For example, as a sleeping aid you can underlay a relaxing piano piece with the sound of the sea and automatically stop playing the sound after 30 minutes.

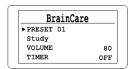
With the cursor position next to BrainCare you can switch between the modes BrainCare (10 Presets), Binaural Beats, White Noise and Healing Music using the ◀ or ▶ keys.

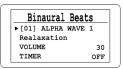


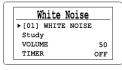
Move the cursor down to select between OFF-ALL (no sound from this section) and different background noises using the ◀ or ▶ keys.

Move the cursor to the position VOLUME to adjust the volume of this section with the \triangleleft or \triangleright keys.

Move the cursor to the TIMER position to set the timer duration using the ◀ or buttons (range: 10 min – 240 min). The instrument automatically turns off after the timer expires.









Preset

Binaural Beats

White Noise

Healing Music

To return to Standard mode and exit BrainCare mode, turn the instrument off and start it again by simply pressing the POWER button.

BrainCare List

Healing Music						
Display	Туре	Composer	Title			
LSZT Liebestrum	Meditation	F. Liszt	Liebesträume S.541 No.3			
SATI Gymnpdi 1e	Meditation	E. Satie	Gymnopedie 1ere			
BTVN Monlight-1	Meditation	L. V. Beethoven	Sonate No.14 'Moonlight' - 1. Adagio sostenuto			
SCHM Traumerei	Meditation	R. Schumann	Traumerei from Kinderszenen			
CHPN Nct Op27-2	Meditation	F. Chopin	Nocturne Op.27 No.2			
BTVN Pathetiq-2	Healing	L. V. Beethoven	Sonate No.8 'Pathetique' - 2. Adagio cantabile			
TCSK Seasns-Oct	Healing	P. Tchaikovsky	The Seasons - X. October 'Autumn song'			
MNDL Sprng Sng	Healing	F. Mendelssohn	Spring song			
CHPN Noct Op9-2	Healing	F. Chopin	Nocturne Op.9 No.2 in - Andante			
CHPN Noct Op9-1	Healing	F. Chopin	Nocturne Op.9 No.1 in - Larghetto			
CHPN Bld Op23-1	Healing	F. Chopin	Ballade No.1			
CHPN Wlz Op64-2	Healing	F. Chopin	Waltz Op.64 No.2			
BRMS WlzOp39-15	Relaxation	J. Brahms	Waltz Op.39 No.1			
DBSY Arabesque	Relaxation	C. Debussy	Arabesque No.1			
DBSY Clair d In	Relaxation	C. Debussy	Suite bergamasque 3. Clair de lune			

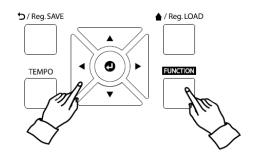
Brain	Care Preset	Binaural Beats		White	Noise
Display	Туре	Display	Display Type		Туре
PRESET 01	Study	ALPHA WAVE 1	Relaxation	WHITENOISE	Study
PRESET 02	Study	ALPHA WAVE 2	Relaxation	VACUUM	Study
PRESET 03	WorkingStress	ALPHA WAVE 3	Relaxation	FAN NOISE	Study
PRESET 04	WorkingStress	BETA WAVE 1	Working Stress	JET CAVIN	Study
PRESET 05	Relaxation	BETA WAVE 2	Working Stress	GALAXY SHIP	Study
PRESET 06	Relaxation	BETA WAVE 3	Working Stress	FOR SLEEP	Sleep
PRESET 07	Sleep	GAMMA WAVE 1	Study	FOR SLEEP 2	Sleep
PRESET 08	Sleep	GAMMA WAVE 2	Study	CRINKLE	Sleep
PRESET 09	Meditation	GAMMA WAVE 3	Study	TAPING	Sleep
PRESET 10	Meditation	DELTA WAVE 1	Deep Sleep	RIVER FLOW	Meditation
		DELTA WAVE 2	Deep Sleep	SEA WAVES 1	Meditation
		DELTA WAVE 3	Deep Sleep	SEA WAVES 2	Meditation
		THETA WAVE 1	Meditation	CRICKETS	Meditation
		THETA WAVE 2	Meditation	RAIN	Meditation
		THETA WAVE 3	Meditation	SINGING BOWL	Meditation

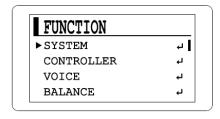
Function menu

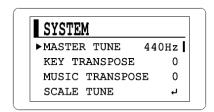
Numerous settings can be made on the instrument with the function menu. This menu is divided into six subgroups. The operation within the groups takes place in the same way.

Press the FUNCTION button to enter the function menu.

Use the \triangle and \bigvee keys to select the desired menu dialog and confirm your selection with the Enter button \bigodot .







In the selected menu dialog, use the ▲ and ▼ keys to navigate to the desired value and change it using the ◀ or ▶ keys. If the symbol ✔ is displayed instead of a value, you must enter another submenu before you can change the value by pressing the Enter button.

The six subgroups are:

SYSTEM for basic system settings	page 25
CONTROLLER for settings for the keyboard or pedals	page 27
VOICE for the settings for timbres and effects	page 28
BALANCE for volume settings	page 30
MIDI for all MIDI-related settings	page 31
BLUETOOTH for using Bluetooth	page 31

The various setting options can be found in the following lists.

System

Menu dialog	Sub-	Standard	Range	Description
Werld dialog	menu- point	Standard	Kange	Description
MASTER TUNE		440	415-465 (Hz)	The tuning of the instrument can be adjusted in steps of 1Hz to other instruments.
KEY TRANSPOSE		0	-12 - +12 (semitone)	The instrument can be tuned in semitone steps.
MUSIC TRANSPOSE		0	-12 - +12 (semitone)	The tuning of the Demo and Edu songs can be changed in semitone steps.
SCALETUNE	BASS NOTE TYPE	C EQUAL TEMPERA- MENT	C-B Equal, Pure Major, and 7 more	Many western instruments use the equal tuning scale. To play old or Arabic music authentically, other different tuning methods can be chosen. Equal tuning: Common tuning scale Pure Major / Pure Minor: strictly follows the overtone series of a defined root note. Pythagorean: Based on fifths and octaves, but destabilizes thirds. MeanTone: This system defuses the third-octave problem. Werckmeister / Kirnberger: These systems combine Pythagorean and MeanTone, each key has its own character. Arabic1 / Arabic2: For traditional Arabic music.
REGISTER BANK		A	A-E	Select the Register bank here.

Steinmayer

KEEP SETTING	OFF	On/OFF	In the ON position, all settings of the piano are retained for the next start.
AUTO POWER-OFF	30	Off/30/60/ 120/240 min	When not in use, the piano will turn itself off after a certain period of time to save power.
LCD KONTRAST	0	-20 - +20	Adjust the contrast of the display here. The set value also applies at the next start.
RESET		Yes/No	Resets all values and parameters to their factory settings (except LCD Contrast and Auto Power-Off).

Controller

Menu	Sub-	Standard	Range	Description
dialog	menu-			
	point			
	CURVE	NORMAL3	FIXED/ SOFT1/2/3/ NORMAL1/2/3/	Here you set the touch sensitivity of the instrument.
TOUCH			HARD 1/2/3	FIXED: All notes are played equally loud regardless of the touch strength.
				NORMAL: Simulates the touch sensitivity of an acoustic grand piano.
				SOFT: Recommended for players with a weak touch strength. Even with a light touch relatively loud sounds are played.
				HARD: Recommended for players with a strong touch strength. This setting provides a wider dynamic range.
	FIXED VELOCITY	80	20-127	With the FIXED dynamics setting, you can adjust here the volume of the notes played.
	LINEAR	ON	ON/OFF	This feature is also called a half pedal.
DAMPER PEDAL	DEPTH	NORMAL	LIGHT/ NORMAL/ HEAVY	Controls the strength of the pedal effect.
	MAIN	ON	ON/OFF	Activates the pedal function for the MAIN voice.
	LAYER	ON	ON/OFF	Activates the pedal function for the LAYER voice.

	SPLIT	ON	ON/OFF	Activates the pedal function for the SPLIT voice.
DUAL BUTTON		LY/SP	LY/SP TWIN	Controls how the DUAL function works as a layer / split or TWIN function.

Voice

Menu dialog	Sub- menu- point	Standard	Range	Description
	STRING RESO	60	0-100	In addition to the sound of each played string, the acoustic piano has a unique string resonance phenomenon caused by sound interference between the piano strings. This function allows you to set the string resonance volume.
	DAMPER RESO	80	0-100	When you play the damper pedal on an acoustic piano, in addition to playing the notes, you will hear certain strings of the piano reverberate. This is called damper resonance and is a natural reverberation that occurs in the piano body. This function allows you to set the damper resonance volume.
PIANO ACOUSTIC	CABINET RESO	ON	ON/OFF	In addition to the damper and string resonance, an acoustic piano has a cabinet resonance. With this function you can adjust the cabinet resonance. Speaker resonances represent the resonances of the strings without dampers

				(G6 C8) and the resonances delivered by the piano frame. When using REVERB, the cabinet sound effect is not applied, so REVERB should be off. This feature applies only to the MAIN voice.
	HAMMER SOUND	30	0-100	The acoustic piano creates sound by striking its strings with hammers. This parameter controls the volume of the physical sound of the hammers when they hit the strings.
	STRETCH TUNE	ON	ON/OFF	When tuning an acoustic piano, the lower strings are lowered a bit and the high strings are tuned slightly higher to compensate for the difference in frequency of the overtone harmonics, which depends on the tension and stiffness of the strings.
	TYPE	ROOM3	OFF/ ROOM1/2/3/ HALL1/2/3/ STAGE1/2/3	Choose from 9 reverb types.
REVERB	VOICE	65	0-100	
	PIANO ASSIST	65	0-100	Individual adjustment of the reverb content.
	DEMO/Edu MUSIC	65	0-100	
FX	TYPE	OFF	OFF/ CHORUS/ PHASER/ TREMOLO/ ROTARY	Selection of effect types.
	DEPTH	80	0-100	Regulates the effect proportion.

Steinmayer

SPLIT POINT		F#3	C2-C6	Sets the split point.
	MAIN	0	-1 - +1	
OCTAVE	LAYER	0	-1 - +1	Adjusts the octave setting.
	SPLIT	0	-1 - +1	
BRILLIANCE		0	-50 - +50	Controls the brilliance of the piano sound.

Balance

Menu dialog	Sub- menu- point	Standard	Range
MAIN	100	0 - 100	Volume Main-Voice
LAYER	70	0 - 100	Volume Layer-Voice
SPLIT	100	0 - 100	Volume Split-Voice
METRONOME	80	50 - 100	Volume Metronome
PIANO ASSIST	70	0 - 100	Volume Piano-Assist
DEMO/ EduMusic	85	0 - 100	Volume Demo und Edu Music Songs
SMF/VP Player	70	0 - 100	Volume MIDI-File-Player
MP3 Player	50	0 - 100	Volume MP3-Player
BLUETOOTH	50	0 - 100	Volume Bluetooth-Audio
AUX IN	50	0 - 100	Volume AUX-In

MIDI

Menu dialog	Sub- menu- point	Standard	Range	Description
LOCAL CONTROL		ON	ON/OFF	Local-OFF Setting for using the piano as a MIDI controller.
	MAIN	CH01	CH01- CH16	Selects the send channel for the MAIN voice.
	LAYER	CH02	CH01- CH16	Selects the send channel for the LAYER voice.
MIDI OUT	SPLIT	CH03	CH01- CH16	Selects the send channel for the SPLIT voice.
	NOTE OFF VEL	ON	ON/OFF	Setting for the use of NOTE OFF Velocity.

Bluetooth

Menu dialog	Sub- menu- point	Standard	Range
PAIRING	ON	ON/OFF	Switch the pairing mode active or inactive.
VOLUME	50	0-100	Volume setting for Bluetooth audio.

Bluetooth

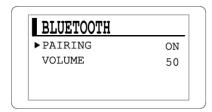
This instrument supports Bluetooth audio and Bluetooth MIDI connections.

Bluetooth Audio

The default is PAIRING ON. Thus, immediate pairing is possible. Activate Bluetooth on the smart device (smartphone, tablet or similar) which you want to connect to the piano. Select the piano from the list of available Bluetooth devices displayed on your smart device. Once pairing is complete, you can hear the music you play on your smart device through the speakers of the piano.

Bluetooth-MIDI

With the PAIRING-ON status selected, you can also pair your piano with MIDI-enabled applications on your smart device. To do this, select "BLE" as the MIDI device in the MIDI-enabled application.



NOTE If there are connection problems, check in the function menu whether the pairing status is ON.

Switch off the Bluetooth function of your Smart Device and start it again.

Check if there is already an automatic pairing with another device.

MIDI Chart

Fund	tion		Recognized	Transmitted	Remark
Basic Chan	inel	Default	ALL	1-3	
Mode		Default	OMNI OFF, POLY	OMNI OFF, POLY	
Note ON/0	OFF	9nHkk vv	0	0	#kk:note ON (0-127)
					#vv:velocity (1-127)
Pitch Bend	ler	EnH bi bh	0	0	Maximum swing +/- 1 tone
	00	BnH 00H cc	0	Х	Bank Select
	01	BnH 01H cc	0	X	Modulation Wheel
	05	BnH 05H cc	0	X	Portamento Time
	06	BnH 06H cc	0	Х	Data Entry
	07	BnH 07H cc	0	X	Volume
	10	BnH 0AH cc	0	X	Pan Out
	11	BnH 0BH cc	0	X	Expression
	64	BnH 40H cc	0	0	Damper Pedal
	65	BnH 41H cc	0	X	Portamento ON/OFF
	66	BnH 42H cc	0	0	Sostenuto Pedal
Control	67	BnH 43H cc	0	0	Soft Pedal
Change	80	BnH 80H vv	0	X	Reverb Prog.(vv=00H-70H)
	81	BnH 51H vv	0	X	Chorus Prog.
	91	BnH 5BH vv	0	0	Reverb Send Level
	93	BnH 5DH vv	0	0	Chorus Send Level
	120	BnH 78H 00H	0	X	All Sound Off
	121	BnH 79H 00H	0	Х	Reset All Controller
	123	BnH 7BH 00H	0	Х	All Notes Off
	126	BnH 7EH 00H	0	Х	Mono On
	127	BnH 7FH 00H	0	Х	Poly On
Program	Change	CnH PP	0	0	Sounds/Drum Set List
System	Exclusive	General MIDI	Х	X	
		Reset			

O:Yes, X:No

GM-Voice

(only with MIDI connection)

GM#	VOICE	GM#	VOICE
0 0 1 0 0 2 0 0 3 0 0 4 0 0 5 0 0 6 0 0 7 0 0 8	Grand Piano 1 Grand Piano 2 Grand Piano 3 Honky Tonk Electric Piano 1 Electric Piano 2 Harpsichord Clavinet	065 066 067 068 069 070 071	Soprano Saxophone Alto Saxophone Tenor Saxophone Baritone Saxophone Oboe English Horn Basson Clarinet
0 0 9 0 1 0 0 1 1 0 1 2 0 1 3 0 1 4 0 1 5	Celesta Glockenspiel Music Box Vibraphone Marimba Xylophone Tubular Bell Dulcimer	073 074 075 076 077 078 079	Piccolo Flute Recorder Pan Flute Bottle Blow Shakuhachi Whistle Ocarina
017 018 019 020 021 022 023 024	Electric Organ 1 Electric Organ 2 Electric Organ 3 Pipe Organ Reed Organ Accordion Harmonica Bandonion	081 082 083 084 085 086 087	Square Sawtooth Calliope Chiffer Charang Solo Vox Fifths Bass Lead
025 027 028 029 030 031	Nylon Guitar Steel Guitar Jazz Guitar Clean Guitar Muted Guitar Drive Guitar Lead Guitar Harmonic Guitar	089 0991 0992 0993 0994 0995	Fantasia Warm Pad Poly Synth Space Vox Bow Glass Metal Pad Halo Pad Sweep Pad
0334 03356 0337 0338 0340	Acoustic Bass Finger Bass Pick Bass Fretless Bass Slap Bass 1 Slap Bass 2 Synth Bass 1 Synth Bass 2	097 098 099 100 101 102 103 104	Ice Rain Sound Track Crystal Atmosphere Brightness Goblin Echo Drop Star Theme
0 4 1 0 4 2 0 4 3 0 4 4 0 4 5 0 4 6 0 4 7 0 4 8	Violin Viola Cello Contra Bass Tremolo Strings Pizzicato Strings Harp Timpani	105 106 107 108 109 110 111	Sitar Banjo Shamishen Koto Kalimba Bagpipe Fiddle Shanai
049 0555555 0055556	Strings Slow Strings Synth Strings 1 Synth Strings 2 Choir Aahs Voice Oohs Synth Voice Orchestra Hit	113 114 115 116 117 118 119	Tinkle Bell Agogo Steel Drum Wood Block Taiko Melody Tom Synth Drum Reversed Cymbal
055 0558 059 0661 0662 063	Trumpet Trombone Tuba Muted Trumpet French Horn Brass Section Synth Brass 1 Synth Brass 2	121 122 123 124 125 126 127 128	Guitar Noise Breath Noise Sea Shore Birds Telephone Helicopter Applause Gunshot

Percussion

(If two different effects are specified, they will react depending on the strength of the touch)

	Drog FO
	Prog 59 SFX1 (SFX Set)
21 - A0	Low
22 - A#0	Bass Drum
23 - B0	Snare Drum Left Hand
24 - C1	
24 - C1 25 - C#1	Snare Drum Right Hand
26 - D1	Bongo Guiro
20 - D1 27 - D#1	
	Conga
28 - E1	Whistle
29 - F1	Sogo
30 - F#1	Cymbal
31 - G1	Castanets
32 - G#1	Triangle
33 - A1	Maracas
34 - A#1	Tambourine
35 - B1	Low/High (Woodblock Low/High)
36 - C2	Double Low C
37 - C#2	Jingle
38 - D2	Rocket Fire
39 - D#2	Jing
40 - E2	One
41 - F2	Two
42 - F#2	Scoundrel's Laugh
43 - G2	Three
44 - G#2	Cricket
45 - A2	Four
46 - A#2	Fairy
47 - B2	Five
48 - C3	Low C
49 - C#3	Samul Janggu L-1
50 - D3	Claps
51 - D#3	Samul Janggu L-2
52 - E3	Claps
53 - F3	Short/Long
54 - F#3	Samul Janggu M
55 - G3	Soft/Loud
56 - G#3	Samul Janggu R-1
57 - A3	Good/Very Good
58 - A#3	Samul Janggu R-2
59 - B3	Table Clock
60 - C4	Middle C
60 - C4 61 - C#4	Cuckoo
61 - C#4 62 - D4	Bird
63 - D#4 64 - E4	Whistle Bird
04 - E4	Hen/Cackling

	Prog 59	
65 - F4	SFX1 (SFX Set)	
66 - F#4	Chicks/Rooster Duck	
67 - G4	Cat	
67 - G4 68 - G#4		
68 - G#4 69 - A4	Dog	
69 - A4 70 - A#4	Goat	
	Pig	
71 - B4	Cow	
72 - C5	High C	
73 - C#5	Small Gong-1	
74 - D5	Horse	
75 - D#5	Small Gong-2	
76 - E5	Horse Running	
77 - F5	Frog/Frogs	
78 - F#5	Splash	
79 - G5	Swan+Bubble	
80 - G#5	Comical Sound	
81 - A5	Wolf	
82 - A#5	Children's Laugh	
83 - B5	Tiger	
84 - C6	Double High C	
85 - C#6	Samul Drum1	
86 - D6	Bear	
87 - D#6	Samul Drum2	
88 - E6	Elephant	
89 - F6	Bicycle	
90 - F#6	Wall Clock+Pendulum	
91 - G6	Bell	
92 - G#6	Stream	
93 - A6	Car	
94 - A#6	Sea Waves/Waterfall	
95 - B6	Train/Train+Whistle	
96 - C7	Rain	
97 - C#7	Forest	
98 - D7	Wind	
99 - D#7	Wind Chime	
100 - E7	Thunder	
101 - F7	Deep Sea	
102 - F#7	The Sea	
103 - G7	Bubble	
104 - G#7	Fish Bubble	
105 - A7	Robot	
106 - A#7	Telephone	
107 - B7	Helicopter/Siren	
100 60	08 - C8 High	

Trouble Shooting

If a malfunction occurs, please check the following causes of error.

Error	Cause	Solution
The piano does not turn on	1.The power cord is not plugged in	1.Plug in the power cord properly
	2.The instrument is not turned on	2.Turn on the instrument 3.Use another outlet
	3.The outlet has no power	o.oco anomor canot
The piano does not emit sound from the speakers	1.The volume is set to the lowest value	Increase the volume setting
	2.A headphone (adapter) is in the headphone jack	2.Remove the headphone (adapter) from the headphone jack
	3.The power cord is not plugged in	3.Plug the instrument into an electrical outlet
The volumes of the different voices are very different	The volume adjustment in the function menu is changed	Reset the volume levels in the function menu to the default values
The instrument emits noises	1.There are devices with disturbing features (freezer, washing machine or similar) in the immediate vicinity	1.Remove the piano from the vicinity of other electrical appliances (especially those with motors)
	2.Objects on or near the instrument resonate with3.The noise occurs only	2.Remove resonant objects from the surroundings of the piano
	when using a headphone	3.Clean the headphone plug or replace the headphone
The instrument does not pass any sound through the AUX-OUT connector	1.The volume is set to the minimum value 2.The connection cable is	Increase the volume Replace the connection cable
	damaged	

Product Specifications

Keyboard	touch-sensitive real wood hammer buttons	
Touch-sensitivity	10 levels (Soft 1/2/3, Normal 1/2/3, Hard 1/2/3, Fixed)	
Max. Polyphony	256	
Voices	46 + 1 Drum-Set + 1 SFX-Set	
Dual	Layer, Split, TwinPiano	
DSP	9 Reverb, 4 Effect	
Demo	50	
Piano Assist	PianoPlayer 20, DrumPlayer 40	
Record function	2 Tracks in 5 banks (4500 Note/Track)	
Registration memory	5 banks with 6 memory slots each	
Bluetooth	Bluetooth-Audio, Bluetooth-MIDI Bluetooth 5.0 Dual Mode, Class2	
	Frequency spectrum: 2.402 GHz to 2.480 GHz • Receive sensitivity: -90 dBm (2 Mbps EDR) • Output Power - BM62/64 Class 2: +2 dBm typical	
BrainCare	10 Preset, 15 Binaural Beats, 15 White Noise, 15 Healing Music	
Pedals	3 (Soft, Sostenuto, Sustain)	
Half-pedal	Yes (right pedal)	
Connections	AUX In/Out, USB to Host, USB to Device, 2x headphone (3,5mm+6,35mm), Pedal, Power supply	
Speaker	(18,4cm x 12,7cm)x2 + (6,1cm)x2	
Power consumption max.	66W	
Supplied accessories	Power supply 24V, 2,75A, + inside	

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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SIMPLIFIED EU DECLARATION OF CONFORMITY

Herewith Musikhaus Kirstein GmbH declares that the radio unit of Model is in compliance with the EU directive 2014/53/EU.

You can download the full EU declaration of conformity for this item under download link:

http://www.kirstein.de/docs/Konformitaetserklaerung/CE_Konformitaetserklaerung_00063251.pdf

ය් KIRSTEIN.de

Musikhaus Kirstein GmbH Bernbeurener Str. 11 86956 Schongau – Germany

Telefon/Phone: 0049-8861-909494-0 Telefax/Fax: 0049-8861-909494-19

