



00010178 Soundking AK20GR | 00009806 Soundking AK20RA  
00010176 Soundking AK20BA | 00010177 Soundking AK20G



## Instruction manual

Version 10.2020



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Thank you for choosing this product.

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



Observe operating instructions!



**WARNUNG**

The signal word **WARNING** indicates dangers which can lead to serious injury if no precautionary measures are taken.



**HINWEIS**

The signal word **NOTE** indicates general precautions to be taken when handling the product.



**HINWEIS**

Images and screen displays in this manual may differ slightly from the appearance of the actual product, as long as this does not have a negative effect on the technical properties and safety of the product.



**HINWEIS**

All personal formulations in these operating instructions are to be considered gender-neutral.

These operating instructions apply to persons who have been supervised or instructed in the operation of the device by a person responsible for their safety and who have demonstrated that they are capable of handling the device.



**WARNUNG**

**Children should be supervised to ensure that they do not play with the appliance.  
Do not leave children unattended.**

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## **General safety instructions**

- To reduce the risk of fire or shock, do not expose this unit to rain or moisture.
- Maintenance and repair must be carried out by qualified service personnel. Never open the enclosure yourself.
- Before connecting to the power supply, make sure that the voltage corresponds to the operating voltage of the unit.
- The unit has ventilation slots to protect it from overheating. These must remain free so as not to obstruct the air circulation.
- Avoid excessive heat, humidity, dust and vibration.
- Only use the AC adapter supplied with the product.
- Before switching on the unit, set the volume control to the minimum volume.
- To replace the fuse, qualified service personnel must disconnect the power supply. Only the same fuse, which is already installed ex works, may be used.
- Only use a soft, dry cloth to clean the unit.

## Soundking AK20 GR



**Volume Clean:** This knob can be used to adjust the volume in the clean channel

**Gain Overdrive:** Here you can control the intensity of the distortion

**Volume Overdrive:** Turn this control to adjust the volume in the overdrive channel

**Treble:** Here you can adjust the tonal height in the mix

**Middle:** Here you can adjust the tonal midrange in the mix

**Bass:** Here you can adjust the tonal bass part in the mix

**Reverb:** Here you can adjust the intensity of the reverb

### Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	treble, middle, bass
Output impedance	4-Ohm 8" Speaker
Connections	Instrument input, headphone output, connection for external speaker (8 ohms minimum)
Weight	7kg
Dimensions	346mm width x 343mm height x 192mm depth
Input power	220V - 240V / 50 Hz
Fuse	T500mA H/250V

## Soundking AK20 RA



**Depth Overdrive:** Turn these knobs to adjust the volume in the overdrive channel and adjust the depth of the sound

**Volume Clean:** This knob can be used to adjust the volume in the clean channel

**Treble:** Here you can adjust the tonal height in the mix

**Middle:** Here you can adjust the tonal midrange in the mix

**Bass:** Here you can adjust the tonal bass part in the mix

**Presence:** By adjusting this control, the treble is emphasised or attenuated

**Reverb:** Here you can adjust the intensity of the reverb

### Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	Treble, Middle, Bass, Presence
Output impedance	8-Ohm 8" Speaker
Connections	Instrument Input, Headphone Output, Effect Loop (Return & Send)
Weight	7,2kg
Dimensions	358mm width x 341mm height x 192mm depth
Input power	220V - 240V / 50 Hz
Fuse	T500mA H/250V

## Soundking AK20 BA



**Volume:** This knob can be used to adjust the volume in the clean channel

**Treble:** Here you can adjust the tonal height in the mix

**Middle:** Here you can adjust the tonal midrange in the mix

**Bass:** Here you can adjust the tonal bass part in the mix

**Presence:** By adjusting this control, the treble is emphasised or attenuated

### Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	Treble, Middle, Bass, Presence
Output impedance	8-Ohm 8" Speaker
Connections	Instrument input, headphone output
Weight	7,5kg
Dimensions	368mm width x 372mm height x 210mm depth
Input power	220V - 240V / 50Hz
Fuse	T500mA H/250V



## Soundking AK20 G



**Volume Clean:** This knob can be used to adjust the volume in the clean channel

**Gain Overdrive:** Here you can control the intensity of the distortion

**Volume Overdrive:** Turn this control to adjust the volume in the overdrive channel

**Treble:** Here you can adjust the tonal height in the mix

**Middle:** Here you can adjust the tonal midrange in the mix

**Bass:** Here you can adjust the tonal bass part in the mix

### Specifications

Performance	20 Watt RMS, 60 Watt PEAK
Equalizer	treble, middle, bass
Output impedance	4-Ohm 8" Speaker
Connections	Instrument input, headphone output, connection for external speaker (8 ohms minimum)
Weight	7kg
Dimensions	346mm width x 343mm height x 192mm depth
Input power	220V - 240V / 50Hz
Fuse	T500mA H/250V



## **WEEE-Erklärung (Waste of Electrical and Electronic Equipment)**

Your product has been designed and manufactured using high quality materials and components that are recyclable and reusable. The symbol means that your product must be disposed of separately from household waste at the end of its life.

Dispose of this unit at your local collection or recycling point.

Please help to protect the environment in which we all live.

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# Supporto per chitarra Classic Cantabile GS-30

ArtNo.: 00016437, 00035920, 00035921, 00035922, 00032923, 00035925

Grazie per aver acquistato il supporto per chitarra GS-30. Per garantire la piena soddisfazione del cliente, si prega di leggere e comprendere attentamente le presenti istruzioni per l'uso prima di utilizzare il prodotto. Conservare queste istruzioni per l'uso in un luogo sicuro. Le istruzioni per l'uso devono essere consegnate a tutti gli utenti successivi.



Osservare le istruzioni di sicurezza!



La parola WARNING indica pericoli che possono causare gravi lesioni se non si prendono le dovute precauzioni.



Tutte le formulazioni personali contenute nelle presenti istruzioni per l'uso sono da considerarsi neutre dal punto di vista del genere.

Tutte le informazioni contenute nelle presenti istruzioni per l'uso sono state verificate in base alle nostre conoscenze e convinzioni. Tuttavia, né l'autore né l'editore possono essere ritenuti responsabili per eventuali danni derivanti dall'uso di queste istruzioni per l'uso.

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## Istruzioni di sicurezza dettagliate:

Osservare le seguenti istruzioni di sicurezza per evitare malfunzionamenti, danni o lesioni:

- Questi articoli non sono giocattoli per bambini e non sono consigliati per bambini di età inferiore ai 3 anni. Non permettere ai bambini di giocare con i prodotti senza supervisione.
- Non utilizzare in modo improprio il supporto per chitarra, ad esempio come attrezzo, scala ecc. e caricarlo solo con uno strumento adatto allo scopo.
- Durante il montaggio, accertarsi che non vi siano oggetti o arti tra i pali. Un uso improprio può causare l'intrappolamento degli arti.

Tutti i dati tecnici e le caratteristiche sono soggetti a modifiche senza preavviso. Tutte le informazioni erano corrette al momento della stampa. Musikhaus Kirstein GmbH non si assume alcuna responsabilità per l'accuratezza o la completezza delle descrizioni, delle foto o delle dichiarazioni contenute nel presente manuale. I colori e le specifiche stampate possono differire leggermente dal prodotto.

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Versione: 05.2024

# AMT-560说明书

180\*195mm



MT-60  
METRO-TUNER

## BITTE SORGFÄLTIG DURCHLESEN

Bitte bewahren Sie dieses Handbuch zum späteren Nachschlagen an einem sicheren Ort auf. Händigen Sie alle Unterlagen bei Weitergabe des Produkts an Dritte ebenfalls mit aus. Lassen Sie Kinder niemals unbeaufsichtigt mit dem Verpackungsmaterial. Bei in Plastiktüten verpackten Produkten besteht Erstickungsgefahr durch Verpackungsmaterialien. Das Produkt sollte nur unter Aufsicht von Erwachsenen verwendet werden. Verwenden Sie das Produkt nur, wenn es sich in einwandfreiem Zustand befindet. Wir haften nicht für Schäden die infolge der Nichtbeachtung der Sicherheitshinweise oder durch falsche oder zweckentfremdete Handhabung auftreten.

## Warnhinweise

Bauen Sie das Produkt nicht auseinander und nehmen Sie keine Modifikationen daran vor. Dies könnte Verletzungen durch Stromschlag zur Folge haben.

## Batterie

Achten Sie darauf, dass das Batteriefach immer sicher verschlossen ist. Beachten Sie beim Einlegen der Batterien die richtige Polung. Batterien gehören nicht in den Hausmüll! Entsorgen Sie leere Batterien bitte bei entsprechenden Sammelstellen oder kommunalen Entsorgungsstellen. Sollten Sie das Gerät für längere Zeit nicht benutzen, entnehmen Sie bitte die Batterien.

## Ort

Setzen Sie das Produkt nicht den folgenden Bedingungen aus, um Verformungen, Verfärbungen oder größere Schäden zu vermeiden: Direktes Sonnenlicht, extreme Temperatur oder Luftfeuchtigkeit, übermäßig staubiger oder schmutziger Ort, starke Vibrationen oder Stöße, starken Magnetfeldern.

## Reinigung

Reinigen Sie das Produkt nur mit einem weichen, trockenen Tuch. Verwenden Sie keine Farberdinner, Lösungsmittel, Reinigungslösungen oder chemisch imprägnierte Wischtücher.

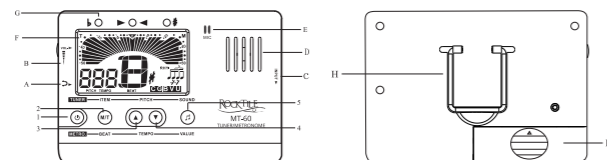
## Handhabung

Üben Sie keine übermäßige Kraft auf Bedienelemente wie z.B. Schalter, Knöpfe, Tasten, Befestigungsschrauben aus. Bringen Sie kein Papier, Metall oder andere Gegenstände ins Innere ein.

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## Bedienelemente und Anzeige



Nummer	Tuner	Metronom	2 Sekunden gedrückt halten für
1		Metronom starten / stoppen	Power On/OFF
2	Stimmmodus	Beat	Umschalten zwischen Tuner und Metronom
3	Kalibrierung up	Tempo up	
4	Kalibrierung down	Tempo down	
5	Tongenerator	Rhythmus	

A. Kopfhöreranschluss C. Klankeneingang E. Mikrofon G. Tuning LEDs I. Batteriefach  
B. Lautstärkeregel D. Lautsprecher F. Display H. Standfuß

## Batterie einlegen

Öffnen Sie das Batteriefach und legen Sie zwei AAA Batterien ein. Achten Sie hierbei auf die richtige Polung. Verschließen Sie anschließend das Batteriefach wieder sicher. Das Stimmgerät kann bei evtl. Fehlfunktionen resettet werden, indem die Batterie für mindestens 5 Minuten entfernt wird. Evtl. beiliegende Batterien gelten zu Testzwecken. Bitte wechseln Sie baldmöglichst zu neuen AAA Hochleistungsbatterien. Alte Batterien gehören nicht in den Hausmüll! Entsorgen Sie leere Batterien über Ihre örtliche Sammelstelle.

## Stimmen

- Drücken Sie den Power-Schalter für 2 Sekunden, um das Stimmgerät einzuschalten (auszuschalten).
- Sollte sich das Gerät nun im Metronom-Modus befinden, drücken Sie die Taste ITEM für 2 Sekunden um in den Tuner-Modus zu wechseln.
- Überprüfen Sie die Kalibrierungsanzeige auf den richtigen Wert und korrigieren Sie diesen gegebenenfalls mit Hilfe der Knöpfe PITCH up/down. (Standardeinstellung 440Hz).
- Durch mehrmaliges Drücken des ITEM-Schalters wählen Sie den Stimmmodus: C(hromatisch)/G(itarre)/B(ass)/V(ioline)/U(kulele).
- Das Stimmgerät verfügt über ein eingebautes Mikrofon. Alternativ kann zur Tonerkennung das beiliegende Clip-Mikrofon, oder bei elektrischen Instrumenten das Instrumentenkabel genutzt werden, indem dieses mit der Eingangsbuchse des MT-60 verbunden wird.
- Spielen Sie eine einzelne, leere Saite und beobachten Sie die Anzeige des Stimmgeräts.
- Im Display erscheint der Notename und ggf. die Saitennummer.

Die Tuning Anzeige lesen Sie wie folgt:  
- Hintergrundbeleuchtung GRÜN und Zeiger in der Mitte -> Stimmtun erreicht  
- Hintergrundbeleuchtung BLAU und Zeiger in der linken Hälfte der Anzeige -> zu tief  
- Hintergrundbeleuchtung BLAU und Zeiger in der rechten Hälfte der Anzeige -> zu hoch

- Zur Nutzung des Tongenerators drücken Sie die Taste SOUND. Das Stimmgerät gibt nun, je nach gewählter Stimmmodus Einstellung (C(hromatisch)/G(itarre)/B(ass)/V(ioline)/U(kulele)) tonal aufsteigend die Stimmtöne als akustisches Signal an.
- Schalten Sie das Stimmgerät nach dem Stimmen wieder aus. Die eingestellten Parameter werden beibehalten.

## Metronom

- Drücken Sie den Power-Schalter für 2 Sekunden, um das Metronom einzuschalten (auszuschalten).
- Sollte sich das Gerät nun im Stimmgeräte-Modus befinden, drücken Sie die Taste ITEM für 2 Sekunden um in den Metronom-Modus zu wechseln.
- Drücken Sie die Tasten TEMPO up/down um die gewünschte Metronomgeschwindigkeit einzustellen.
- Durch Drücken der Taste BEAT, kann eine Betonung (0-9) gesetzt werden.
- Starten Sie die Metronomwiedergabe durch einen kurzen Druck auf den Power-Knopf.
- Die Wiedergabelautstärke lässt sich mit dem Lautstärkeregel anpassen.
- Unterschiedliche Rhythmus-Patterns können mit Hilfe der VALUE-Taste zugeschaltet werden.
- Schalten Sie das Metronom nach der Nutzung wieder aus. Die eingestellten Parameter werden beibehalten.

## Stromspar-Funktion

Dieses Produkt ist mit einer Stromspar-Funktion ausgestattet. Es schaltet sich nach 3 Minuten Nichtnutzung selbständig ab.

## Spezifikationen

Kammerton A: 430Hz bis 450Hz (wählbar)  
Messgenauigkeit: +0,5 Cent  
Stromversorgung: 2x AAA Batterie  
Masse (mm): ca. 97x65x15  
Gewicht (g): ca. 98

## WEEE Erklärung (Waste of Electrical and Electronic Equipment)

Ihr Produkt wurde mit hochwertigen Materialien und Komponenten entworfen und hergestellt, die recycelbar sind und wiederverwendet werden können. Dieses Symbol bedeutet, dass elektrische und elektronische Geräte am Ende ihrer Nutzungsdauer vom Hausmüll getrennt entsorgt werden müssen. Bitte entsorgen Sie dieses Gerät bei Ihrer örtlichen kommunalen Sammelstelle oder im Recycling Center.

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MT-60  
METRO-TUNER

## PLEASE READ CAREFULLY

Please keep this manual in a safe place for future reference. Also hand over all documents when passing the product on to third parties. Never leave children unattended with the packaging material. Products packed in plastic bags pose a choking hazard due to packaging materials. The product should only be used under adult supervision. Only use the product when it is in perfect condition. We are not liable for damage that occurs as a result of non-compliance with the safety instructions or due to incorrect or improper handling.

## Warnings

Do not disassemble or make any modifications to the product. Doing so could result in injury from electric shock.

## Battery

Make sure that the battery compartment is always securely closed. Observe the correct polarity when inserting the batteries. Batteries do not belong in the household waste! Please dispose of empty batteries at appropriate collection points or municipal disposal points. If you do not use the device for a longer period of time, please remove the batteries.

## Place

Do not expose the product to the following conditions to avoid deformation, discoloration or major damage:  
Direct sunlight, extreme temperature or humidity, excessively dusty or dirty place, strong vibration or shock, strong magnetic field.

## Cleaning

Clean the product only with a soft, dry cloth. Do not use paint thinners, solvents, cleaning fluids or chemically impregnated wipes.

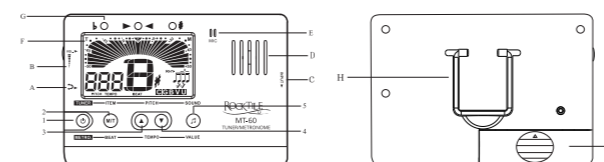
## Handling

Do not apply excessive force to operating elements such as switches, knobs, buttons, fastening screws.  
Do not insert paper, metal or other objects inside.

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## Controls and display



Number	Tuner	Metronome	Hold 2 seconds for
1	Tuning Mode	Metronome start / stop	Power On/OFF
2	Calibrate up	Beat	Switch to Tuner or Metronome
3	Calibrate down	Tempo up	
4	Tone generator	Tempo down	
5		Rhythm	

A. Headphones jack C. Input jack E. Microphone F. Display G. Tuning LEDs I. Battery compartment  
B. Volume control D. Speaker

## Insert battery

Open the battery compartment and insert two AAA batteries. Make sure that the polarity is correct. Then close the battery compartment again securely. The tuning device can be reset in case of malfunctions by removing the battery for at least 5 minutes. Possibly enclosed batteries are valid for test purposes. Please change to new high-performance AAA batteries as soon as possible. Old batteries do not belong in the household waste! Dispose of empty batteries via your local collection point.

## Tuning

- Press the power switch for 2 seconds to turn the tuner on (off).
- If the device is now in the metronome mode, press the ITEM button for 2 seconds to switch to tuner mode.
- Check the calibration display for the correct value and correct it if necessary by using the PITCH up/down buttons. (Default 440Hz).
- By pressing the ITEM switch several times, you can select the tuning mode: C(hromatic)/G(uitar)/B(ass)/V(iolin)/U(kulele).
- The tuner has a built-in microphone. Alternatively, the included clip microphone can be used for tone detection, or for electric instruments, the instrument cable can be used by connecting to the input jack of the MT-60.
- Play a single, empty string and observe the display of the tuner.
- The display shows the note name and, if applicable, the string number.

Read the tuning display as follows:

- Backlight GREEN and pointer in the middle -> tuning tone reached
- Backlight BLUE and pointer in the left half of the display -> too low (flat)
- Backlight BLUE and pointer in the right half of the display -> too high (sharp)

- To use the tone generator, press the SOUND key. Depending on the selected tuning mode setting (C(hromatic)/G(uitar)/B(ass)/V(iolin)/U(kulele)), the tuning tones are indicated in ascending tonal order as an acoustic signal.
- Switch the tuner off again after tuning. The set parameters are retained.

## Metronome

- Press the power switch for 2 seconds to turn the metronome on (off).
- If the device is now in tuner mode, press the ITEM button for 2 seconds to switch to metronome mode.
- Press the TEMPO up/down keys to set the desired metronome speed.
- By pressing the BEAT key, an emphasis (0-9) can be set.
- Start the metronome playback by a short press on the power button.
- The playback volume can be adjusted with the volume control.
- Different rhythm patterns can be activated by pressing the VALUE button.
- Switch the metronome off again after use. The set parameters are retained.

## Power saving function

This tuner is equipped with a power saving function. It turns itself off after 3 minutes of non-use.

## Specifications

Concert pitch A: 430Hz bis 450Hz (selectable)  
Measurement accuracy: +0,5 Cent  
Power supply: 2x AAA Batteries  
Mass (mm): ca. 97x65x15  
Weight (g): ca. 98

## WEEE Declaration (Waste of Electrical and Electronic Equipment)

Your product has been designed and manufactured with high quality materials and components that can be recycled and reused. This symbol means that electrical and electronic equipment must be disposed of separately from household waste at the end of its useful life. Please dispose of this device at your local municipal collection point or recycling center.

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● 物料名称 AMT-560说明书

● 材质/工艺 70g书写纸/黑色印刷

● 设计师 邓丽颖 ● 日期 20210621 ● 版本 A0