

Krüger&Matz KM1712

Krüger&Matz KM1712 Active Bluetooth Speaker User Manual

Model: KM1712

INTRODUCTION

Thank you for purchasing the Krüger&Matz KM1712 Active Bluetooth Speaker. This portable speaker system is designed to provide high-quality audio with versatile connectivity options, including Bluetooth, USB, SD card, FM radio, and microphone/guitar inputs. It features a trolley design for easy transport and comes with two wireless microphones for karaoke or public speaking. Please read this manual carefully before use to ensure proper operation and to maximize the lifespan of your device.

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions before operating the device.
- Keep this manual for future reference.
- Do not expose the speaker to rain or moisture to prevent fire or electric shock.
- Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- Protect the power cord from being walked on or pinched, particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- Only use attachments/accessories specified by the manufacturer.
- Unplug this apparatus during lightning storms or when unused for long periods of time.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way.

PACKAGE CONTENTS

Please check that all items are present and in good condition:

- Krüger&Matz KM1712 Active Bluetooth Speaker

- 2 x Wireless Microphones
- Remote Control
- Power Cable
- User Manual



Image: Included wireless microphones and remote control.

PRODUCT OVERVIEW

The Krüger&Matz KM1712 is a portable active speaker designed for various audio applications. It features a robust trolley-style casing with an extendable handle and transport wheels for easy mobility. The speaker includes a 12-inch woofer and a 1-inch tweeter for clear sound reproduction.

Control Panel

The main control panel is located on the top of the speaker, providing access to all audio adjustments and input selections.



Image: Detailed view of the speaker's control panel.

- **OK PRI:** Microphone priority switch.
- **GUITAR VOL:** Adjusts the volume of the guitar input.
- **MIC VOL:** Adjusts the volume of the microphone inputs.
- **ECHO:** Controls the echo effect for microphones.
- **BASS:** Adjusts the low-frequency audio output.
- **TREBLE:** Adjusts the high-frequency audio output.
- **MASTER VOLUME:** Overall volume control for all audio outputs.
- **INPUT:** Selects the audio source (Bluetooth, USB, SD, FM, AUX).
- **REPEAT:** Repeats the current track or playlist (for USB/SD).
- **10+:** Jumps forward by 10 tracks (for USB/SD).
- **PLAY/PAUSE/AUTO:** Plays/pauses audio or initiates auto-scan in FM mode.
- **PREVIOUS/VOLUME DOWN:** Skips to the previous track or decreases volume.
- **NEXT/VOLUME UP:** Skips to the next track or increases volume.
- **USB Port:** For connecting USB flash drives.

- **SD/MMC Card Slot:** For inserting SD or MMC memory cards.
- **GUITAR Input (6.3mm Jack):** For connecting a guitar.
- **MIC Input (6.3mm Jack):** For connecting a wired microphone.
- **LED Display:** Shows current mode, track information, or FM frequency.



Image: Close-up of the LED display and media inputs.

Rear Panel Connections

The rear panel provides power input and auxiliary audio connections.



Image: Detailed view of the speaker's rear panel connections.

- **AUX INPUT (L/R RCA):** For connecting external audio devices via RCA cables.
- **15V BATTERY IN:** Terminal for connecting an external 12V DC battery.
- **DC 15V/2A:** Power input for the included AC adapter.
- **POWER ON/OFF Switch:** Turns the speaker on or off.

SETUP

Powering the Speaker

1. **AC Power:** Connect the power cable to the DC 15V/2A input on the rear panel and plug the other end into a standard AC outlet (100-240V~, 50/60Hz).
2. **Internal Battery:** The speaker has a built-in 12V, 4Ah battery. Ensure it is charged before portable use.
3. **External Battery:** For extended portable use, connect a 12V DC external battery to the '15V BATTERY IN' terminals on the rear panel.
4. Flip the POWER ON/OFF switch to the 'ON' position to turn on the speaker.

Charging the Internal Battery

Connect the speaker to AC power using the provided adapter. The internal battery will charge automatically while the speaker is connected to AC power, regardless of whether the speaker is turned on or off. The LED display may indicate charging status.

Wireless Microphones Setup

1. Insert batteries into each wireless microphone.
2. Turn on the microphones using their respective power switches.
3. The microphones will automatically pair with the speaker. Their operating frequencies are 615.15 MHz and 620.85 MHz.
4. Adjust the 'MIC VOL' knob on the control panel to set the microphone volume.
5. Use the 'ECHO' knob to add an echo effect to the microphone sound.



Image: Wireless microphones placed on the speaker.

OPERATING INSTRUCTIONS

Bluetooth Mode

1. Turn on the speaker. The LED display will show the current mode.
2. Press the 'INPUT' button repeatedly until 'BLUE' appears on the LED display, indicating Bluetooth mode.
3. On your mobile device (smartphone, tablet, etc.), enable Bluetooth and search for available devices.
4. Select 'KM1712' from the list of devices to pair. A confirmation sound will indicate successful pairing.
5. Play audio from your device. Adjust the 'MASTER VOLUME' on the speaker and the volume on your device.

USB/SD Card Playback

1. Insert a USB flash drive into the USB port or an SD/MMC card into the SD card slot.
2. The speaker will automatically switch to USB or SD mode and begin playing compatible audio files (MP3, WMA, WAV, AAC, FLAC, APE). If not, press 'INPUT' to select the correct mode.
3. Use the 'PREVIOUS/VOLUME DOWN', 'NEXT/VOLUME UP', 'PLAY/PAUSE', 'REPEAT', and '10+' buttons to control playback.

FM Radio Mode

1. Press the 'INPUT' button repeatedly until 'FM' appears on the LED display.
2. Press and hold the 'PLAY/PAUSE/AUTO' button to initiate an automatic scan for FM stations. The speaker will save all found stations.
3. Use the 'PREVIOUS/VOLUME DOWN' and 'NEXT/VOLUME UP' buttons to navigate through the saved stations.

AUX Input

1. Connect an external audio device (e.g., CD player, laptop) to the 'AUX INPUT' RCA ports on the rear panel using appropriate cables.
2. Press the 'INPUT' button until 'AUX' mode is selected.
3. Play audio from your connected device. Adjust volume using the 'MASTER VOLUME' knob on the speaker and the volume control on your external device.

Microphone and Guitar Inputs

1. Connect a wired microphone to the 'MIC' 6.3mm jack or a guitar to the 'GUITAR' 6.3mm jack on the control panel.
2. Adjust the 'MIC VOL' and 'GUITAR VOL' knobs to set the individual volumes.
3. Use the 'ECHO' knob to apply an echo effect to the microphone.
4. The 'OK PRI' switch enables microphone priority, lowering background music volume when the microphone is in use.

Tone Control

Use the 'BASS' and 'TREBLE' knobs on the control panel to adjust the low and high frequencies of the audio output to your preference.

MAINTENANCE

Cleaning

- Always unplug the speaker from the power source before cleaning.
- Use a soft, dry cloth to wipe the exterior surfaces of the speaker.
- Do not use liquid cleaners, aerosol sprays, or harsh chemicals, as they may damage the finish or internal components.
- Keep the ventilation openings clear of dust and debris.

Storage

- When not in use for extended periods, store the speaker in a cool, dry place, away from direct sunlight and extreme temperatures.
- If storing for a long time, ensure the internal battery is partially charged (around 50%) to prolong its lifespan. Recharge every few months if not used.

TROUBLESHOOTING

Problem	Possible Cause	Solution
No power	Power cable not connected; Power switch off; Internal battery depleted.	Ensure power cable is securely connected and plugged into a live outlet. Turn the power switch to 'ON'. Charge the internal battery.
No sound	Volume too low; Incorrect input selected; Audio source not playing or muted.	Increase 'MASTER VOLUME'. Press 'INPUT' to select the correct source. Check audio source playback and volume.

Problem	Possible Cause	Solution
Bluetooth pairing failed	Speaker not in Bluetooth mode; Device too far; Bluetooth not enabled on source device.	Ensure speaker is in 'BLUE' mode. Move device closer to speaker. Enable Bluetooth on your device and re-scan.
Microphone feedback/noise	Microphone too close to speaker; Microphone volume too high.	Move microphone further away from the speaker. Reduce 'MIC VOL'.
USB/SD card not playing	Unsupported file format; Card/drive not inserted correctly; Corrupted files.	Ensure files are supported (MP3, WMA, WAV, AAC, FLAC, APE). Reinsert card/drive. Try another card/drive with known good files.

SPECIFICATIONS

Feature	Specification
Model Number	KM1712
Power Output	40 W
Impedance	4 Ohms
Input Sensitivity	93 +/- 3 dB
Frequency Response	50 Hz ~ 20 kHz
Signal-to-Noise Ratio (S/N)	>= 71 dB
Harmonic Distortion	< 0.7% (1 W)
Speaker Drivers	12" Woofer + 1" Tweeter
Wireless Microphone Frequencies	615.15 MHz / 620.85 MHz
FM Frequency Range	87.50 ~ 108.00 MHz
Bluetooth Version	2.1
Supported Audio Formats	MP3, WMA, WAV, AAC, FLAC, APE
SD Card Reader	Max. 32 GB
USB Port	USB 2.0
Inputs	Guitar (6.3mm jack), Microphone (6.3mm jack), AUX (2 x RCA), DC (15V, 2A)
AC Power Supply	100 - 240 V ~; 50/60 Hz
External Battery Input	12 V DC
Integrated Battery	12 V, 4 Ah (Lithium-ion)
Dimensions (L x W x H)	488 x 387 x 665 mm (19.2 x 15.2 x 26.2 inches)
Net Weight	14 kg (30.8 lbs)

WARRANTY AND SUPPORT

Krüger&Matz products are designed and manufactured to the highest quality standards. For detailed warranty information, please refer to the warranty card included with your product or visit the official Krüger&Matz website. If you encounter any issues not covered in the troubleshooting section, please contact Krüger&Matz customer support for assistance. Please retain your proof of purchase for warranty claims.

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ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page’s manual context to help answer it.

Name

Anonymous

Email

you@example.com

After a successful submission, we securely hash the supplied account or form email before sending it to Microsoft Advertising for conversion attribution. [Privacy details](#).

Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question