

Behringer Speaker System with Built-in Media Player, Bluetooth User Guide

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Quick Start Guide





PK112 A / PK115A

Active 600/800-Watt 12/15" PA Speaker System with Built-in Media Player, Bluetooth* Receiver and Integrated Mixer

Important Safety Instructions



Terminals marked with this symbol carry an electrical current of sufficient magnitude to constitute a risk of electric shock. Use only high-quality professional speaker cables with ½" TS or twist-locking plugs pre-installed. All other installation or modification should be performed only by qualified personnel.

This symbol, wherever it appears, alerts you to the presence of uninsulated dangerous voltage inside the enclosure – voltage that may be sufficient to constitute a risk of shock.

This symbol, wherever it appears, alerts you to important operating and maintenance instructions in the accompanying literature. Please read the manual.



To reduce the risk of electric shock, do not remove the top cover (or the rear section). No user-serviceable parts inside. Refer servicing to qualified personnel.



To reduce the risk of fire or electric shock, do not expose this appliance to rain and moisture. The apparatus shall not be exposed to dripping or splashing liquids and no objects filled with liquids, such as vases, shall be placed on the apparatus.



These service instructions are for use by qualified service personnel only. To reduce the risk of electric shock do not perform any servicing other than that contained in the operation instructions. Repairs have to be performed by qualified service personnel.

- 1. Read these instructions.
- 2. Keep these instructions.
- 3. Heed all warnings.
- 4. Follow all instructions.
- 5. Do not use this apparatus near water.
- 6. Clean only with dry cloth.
- 7. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
- 8. Do not install near any heat sources such as radiators, heat registers, stoves, or other apparatus (including amplifiers) that produce heat.
- 9. Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wide blade or the third prong are provided for your safety. If the provided plug does not fit into your outlet, consult an electrician for the replacement of the obsolete outlet.
- 10. Protect the power cord from being walked on or pinched particularly at plugs, convenience receptacles, and the point where they exit from the apparatus.
- 11. Use only attachments/accessories specified by the manufacturer.
- 12. Use only with the cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
- 13. 13. Unplug this apparatus during lightning storms or when unused for long periods of time.
- 14. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
- 15. Protective earthing terminal. The apparatus shall be connected to a MAINS socket outlet with a protective earthing connection.
- 16. Where the MAINS plug or an appliance coupler is used as the disconnect device, the disconnect device shall remain readily operable.
- 17. Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic

equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office or your household waste collection service.

- 18. Do not install in a confined space, such as a bookcase or similar unit.
- 19. Do not place naked flame sources, such as lighted candles, on the apparatus.
- 20. Please keep the environmental aspects of battery disposal in mind. Batteries must be disposed of at a battery collection point.
- 21. Use this apparatus in tropical and/or moderate climates.

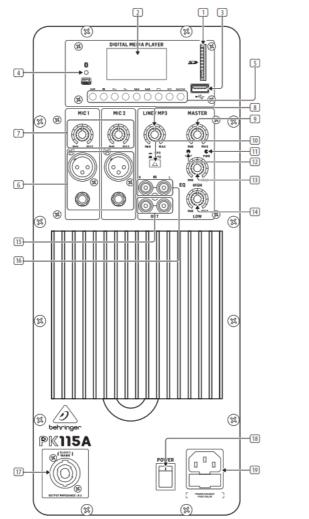
LEGAL DISCLAIMER

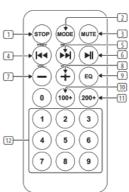
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LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty.

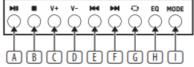
PK112A/PK115A Controls





Step 1: Hook-Up

- (1) SD/MMC slot allows you to playback digital audio files stored on SD (Secure Digital) or MMC (MultiMedia Card) flash memory cards.
- (2) LED DISPLAY shows the current file and playback settings.
- (3) USB input allows you to playback audio files stored on a USB stick.
- (4) INFRARED RECEIVER connects to the remote control.
- (5) DIGITAL MEDIA PLAYER for USB and SD/MMC offers the following playback controls:



- A. PLAY/PAUSE: Press to play, pause or search.
- B. STOP PLAYBACK: Press to stop audio playback.
- C. VOLUME UP: Press to increase the MP3 playback volume.
- D. VOLUME DOWN: Press to decrease the MP3 playback volume.
- E. BACK: Press once to move to the previous song or folder.
- F. FORWARD: Press once to move to the nexsong or folder.
- G. REPEAT: Press to select between One, Random, Folder or All repeat modes.
- H. EQ: Press to activate the EQ function and choose between EQ presets: Normal (NOR), Pop (POP), Rock (ROC), Jazz (JAZ), Classical (CLA) and Country (CUN).
- I. MODE: Press to choose between the USB jack or SD/MMC/BLUETOOTH slot as the source for MP3 playback.
- (6) MIC 1/2 jacks accept audio signals from devices using cables using XLR, balanced 1/4" TRS or unbalanced 1/4" TS connectors.
- (7) MIC 1/2 knobs control the input level for the MIC 1/2 jacks.
- (8) LINE/MP3 knob controls the volume level for the LINE IN signal and the MP3 signal.
- (9) MASTER level control adjusts the final speaker volume.

- (10) MP3/LINE switch toggles between the MP3 player or LINE IN audio sources.
- (11) PWR LED lights up when the audio system is connected to power and switched on.
- (12) CLIP LED lights up to indicate the internal limiter is responding to signal peaks.
- (13) TREBLE knob adjusts the level of treble frequencies for the speaker unit.
- (14) BASS knob adjusts the level of bass frequencies for the speaker unit.
- (15) LINE OUT connections sends out an unbalanced stereo signal to external devices using audio cables with RCA connectors.
- (16) LINE IN connections accepts unbalanced stereo signals from external devices using audio cables with RCA connectors.
- (17) EXTENSION OUTPUT allows you to connect and drive an additional speaker cabinet (min. 8 Ω total load) using speaker cables with

professional twist-locking connectors.

(18) POWER switch turns the unit on and off.

Before turning on the audio system, all level controls must be set to a minimum. Once the system is turned on, slowly increase input levels to help prevent damage to the speaker and amplifier.

(19) AC INPUT socket accepts the included IEC power cable.

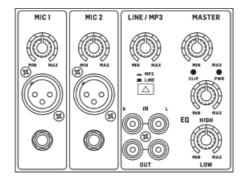
Remote Control

- (1) STOP button turns the Digital Media Player on and off.
- (2) MODE button switches between USB and SD/MMC/Bluetooth as the source for playback.
- (3) MUTE button mutes the sound.
- (4) BACK button skips back to the previous track.
- (5) FORWARD button skips ahead to the next track.
- (6) PLAY/PAUSE button starts and stops playback of audio files.
- (7) VOL- button decreases the volume when pressed.
- (8) VOL+ button increases the volume when pressed.
- (9) EQ button activates the EQ function and chooses between EQ presets Normal (NOR), Pop (POP), Rock (ROC), Jazz (JAZ), Classical (CLA), and Country (CUN).
- (10) 100+ button jumps ahead by 100 tracks.
- (11) 200+ button jumps ahead by 200 tracks.
- (12) NUMERIC KEYPAD allows you to enter values for various functions.

PK112A/PK115A Getting started

Step 2: Getting started

- 1. Place the speaker in your desired location.
- 2. Set all controls as shown: HIGH and LOW EQ knobs to their centered position at 12 o'clock; MIC 1/2, LINE/MP3, and MASTER knobs set to their minimum levels at the full counter-clockwise position.



- 3. Make all necessary connections. DO NOT turn on the power yet.
- 4. Turn on your audio sources (mixer, microphones, instruments).
- 5. Turn on your speaker(s) by pressing the POWER switch. The PWR LED will light up.
- 6. Insert your USB device or SD/MMC flash memory card with digital audio files into their respective USB or SD/MMC connections.

- 7. Using the controls in the DIGITAL MEDIA PLAYER section, choose a digital audio file from your USB stick or SD/MMC card and begin playback by pressing the PLAY/PAUSE button.
- 8. Turn the LINE/MP3 control up to around the 50% position.
- 9. Turn the MASTER knob clockwise until you find a comfortable volume level.
- 10. For devices connected to the MIC 1/2 XLR and 1/4" jacks, play your analog audio source or speak into your microphone at a normal-to-loud level while adjusting the MIC 1/2 knob for that MIC channel. If the sound distorts, lower the MIC 1/2 knob until the sound cleans up.
- 11. For devices connected to the stereo LINE IN RCA jacks, first set the device's output level to approximately 50%, and then begin playback.
- 12. Rotate the LINE/MP3 knob to adjust the volume level for the LINE IN RCA jacks.
 - **NOTE**: Because the LINE IN jacks and MP3 player share the same LINE/MP3 level knob, you may need to adjust the volume output directly on the external devices to achieve your desired sound balance.
- 13. Make final volume adjustments using the MASTER knob.
- 14. If necessary, adjust the HIGH and LOW EQ knobs to boost or cut treble and bass frequencies to your taste.

Using extension speaker cabinets

- 1. Make sure the unit is powered down with the MASTER knob set to the minimum setting at full counterclockwise.
- 2. Run a speaker cable with professional twist-locking connectors from the EXTENSION OUTPUT jack to the speaker cabinet's input. The twist-locking connector will snap securely into place to prevent accidental disconnection.
- 3. Slowly turn the MASTER knob clockwise while playing back audio until you reach the desired volume level.

 \triangle Make sure the total impedance of the extension cabinet(s) is a minimum of 8 Ω .

Bluetooth pairing

To connect PK112A/PK115A to your Bluetooth device, use the following procedure:

- 1. Press the MODE button to select Bluetooth (bt) mode and activate the Bluetooth pairing process.
- 2. Enable Bluetooth on your Bluetooth audio device.
- 3. Check that your Bluetooth device is searching for a connection.
- 4. Once your device detects your speaker, select PK112A/PK115A from your Bluetooth device's menu.
- 5. Wait until your Bluetooth device shows an active connection.
- 6. Set the output volume on your Bluetooth device to approximately 50%.
- 7. Begin audio playback on your Bluetooth device.
- 8. Use the LINE/MP3 knob to balance the Bluetooth volume with other audio.
- 9. Adjust the MASTER knob to set the desired final volume.

Specifications

| PK112A | PK115A |
|--------|--------|
| | |

| Amplifier | | | | |
|----------------------------|------------------------------------|--|--------|--|
| Max output power | 600 W* | | 800 W* | |
| Туре | Class-AB | | | |
| Loudspeaker System Data | | | | |
| Woofer | 12" (312 mm) LF dr iver | | | |
| Tweeter | 1" (25.5 mm) HF compression driver | | | |
| Frequency response | 20 Hz to 20 kHz (-10 dB) | | | |
| Sound pressure level (SPL) | Max. 95 dB | | | |
| Audio Connections | | | | |
| MP3 Playback | USB / SD / TF | | | |
| File system | FAT 16, FAT 32 | | | |
| Format | MP3 / WMA / WAV / FLAC / APE | | | |
| Bit rates | 32 – 800 kbps | | | |
| Sample rates | 4 4.1 kHz | | | |

| Input | 1 x XLR / 1/4" TRS combo jack | | | |
|------------------|-------------------------------|--|--|--|
| Input impedance | 22 kΩ balanced | | | |
| Line in | 1 x 1/8" (3.5 mm) TRS, stereo | | | |
| Input impedance | 8.3 kΩ | | | |
| Aux in | 2 x RCA | | | |
| Input impedance | 8.3 kΩ | | | |
| Aux out | 2 x RCA | | | |
| Output impedance | 100 kΩ, unbalanced | | | |
| SD card slot | | | | |
| Card memory | Up to 32 GB supported | | | |
| Bluetooth** | | | | |
| Frequency range | 2402 MHz ~ 2480 MHz | | | |
| Channel number | 79 | | | |
| Version | Bluetooth spec 4.2 compliant | | | |
| Compatibility | Supports A2DP 1.2 profile | | | |

| Max. communication range | 15 m (without interference) | | |
|------------------------------|---|---|--|
| Max output power | 10 dBm | | |
| Equalizer | | | |
| High | ±12 dB @ 10 kHz, shelving | | |
| Low | ±12 dB @ 100 Hz, shelving | | |
| Power Supply, Voltage (Fuses | | | |
| USA / Canada | 120 V~, 60 Hz (F 5 A L 250 V) | | |
| UK / Australia / Europe | 220-240 V~, 50/60 Hz (F 2.5 A L 250 V) | | |
| Korea / China | 220-240 V~, 50 Hz (F 2.5 A L 250 V) | | |
| Japan | 100 V~, 50/60 Hz (F 5 A L 250 V) | | |
| Power consumption | 220 W | | |
| Mains connection | Standard IEC receptacle | | |
| Dimension / Weight | 341 x 420 x 635 mm (9.6 x 11.6 x 17.1") | 400 x 485 x 740 mm (11.6 x 13.97 x 12.5") | |
| Weight | 12.5 kg (27.5 lbs) | 17.7 kg (39 lbs) | |

- *independent of limiters and driver protection circuits
- *The Bluetooth® word mark and logos are registered trademarks of Bluetooth SIG, Inc. and any use of such marks by Behringer is under license.

Important information

- 1. Register online. Please register your new Music Tribe equipment right after you purchase it by visiting behringer.com. Registering your purchase using our simple online form helps us to process your repair claims more quickly and efficiently. Also, read the terms and conditions of our warranty, if applicable.
- 2. Malfunction. Should your Music Tribe Authorized Reseller not be located in your vicinity, you may contact the Music Tribe Authorized Fulfiller for your country listed under "Support" at behringer.com. Should your country not be listed, please check if your problem can be dealt with by our "Online Support" which may also be found under "Support" at behringer.com. Alternatively, please submit an online warranty claim at behringer.com BEFORE returning the product.
- 3. Power Connections. Before plugging the unit into a power socket, please make sure you are using the correct mains voltage for your particular model. Faulty fuses must be replaced with fuses of the same type and rating without exception.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION



Responsible Party Name: Music Tribe Commercial NV Inc. Address: 901 Grier Drive Las Vegas, NV 89118 USA

Phone Number: +1 702 800 8290

PK112A/PK115A

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference, and
- (2) This device must accept any interference received, including interference that may cause undesired operation. Important information:

Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.

FCC RF Radiation Exposure Statement:

- 1. This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- 2. This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 centimeters between the radiator and your body.



Documents / Resources



<u>Behringer Speaker System with Built-in Media Player, Bluetooth</u> [pdf] User Guide Speaker System with Built-in Media Player Bluetooth, PK112A, PK115A

References

• <u>Behringer | Home</u>

Manuals+, home privacy