ROCKVILLE

BluAmp 100
HOME STEREO BLUETOOTH AMPLIFIER
w/USB, MIC INPUT, and RCA OUT

OWNER'S MANUAL

ATTENTION:
WATCH THIS VIDEO BEFORE FIRST USE!

Who reads manuals?
Scan the **QR code** or go to **rockvillesupport.com/bluamp-100** to access how-to video(s), the owner's manual, and other important information you may need to get the most out of your item.

If you prefer written instructions, please read ahead!

With Rockville you get many options.

Missing items? If you ordered a bundle that includes more than one product and you are missing part of your bundle, then it just means your order shipped from two different warehouses. You will receive the remaining items very soon. If you have any concerns or inquiries, feel free to call our customer support center at 1-646-758-0144, 24 hours a day/7 days a week.

Thank you for purchasing this BluAmp 100 home stereo Bluetooth amplifier.

Huge Power!
The BluAmp 100 is loaded with 500 watts of peak power and 120 watts continuous RMS! The built-in amplifier is loud enough that when you crank up the volume your neighbors just might complain!

Expandable
This is more than an amplifier. The BluAmp 100 will be the control center for your home stereo system or your karaoke system. There are two RCA outputs allowing you to connect powered subwoofer(s), additional power amplifiers, or external audio playback devices. You also will get USB playback, SD playback, and an FM radio.

Great for Karaoke
There are two mic inputs along with echo control and mic volume controls, which makes this amp perfect for karaoke parties.

Full Function Remote
The remote control that is included will allow you to access all functions of the receiver quickly and efficiently.

Adjustable Equalizer Settings
The adjustable bass and treble controls will allow you to fine-tune your music to your taste.

Please read this guide carefully for proper use of your Rockville BluAmp 100. Should you need technical assistance, please call our technical help line at 1-646-758-0144, 24 hours a day/7 days a week.
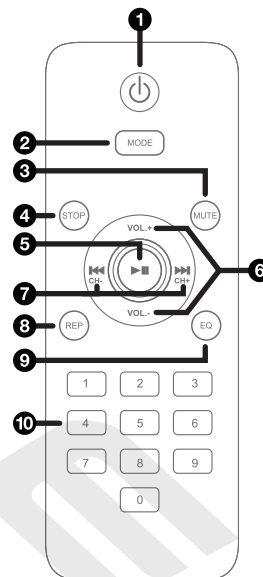
IMPORTANT SAFETY INSTRUCTIONS
• To reduce risk of shock, never open the unit. There are no user-serviceable parts. For service, return the unit to Rockville or take it to an authorized service center.
• Do not place this unit near heat sources, expose it to direct sunlight, or expose it to any kind of moisture.
• Do not place anything on top of the unit. Doing so will block vents and cause the unit to overheat.
• Please ensure that the unit is situated in a properly ventilated area.
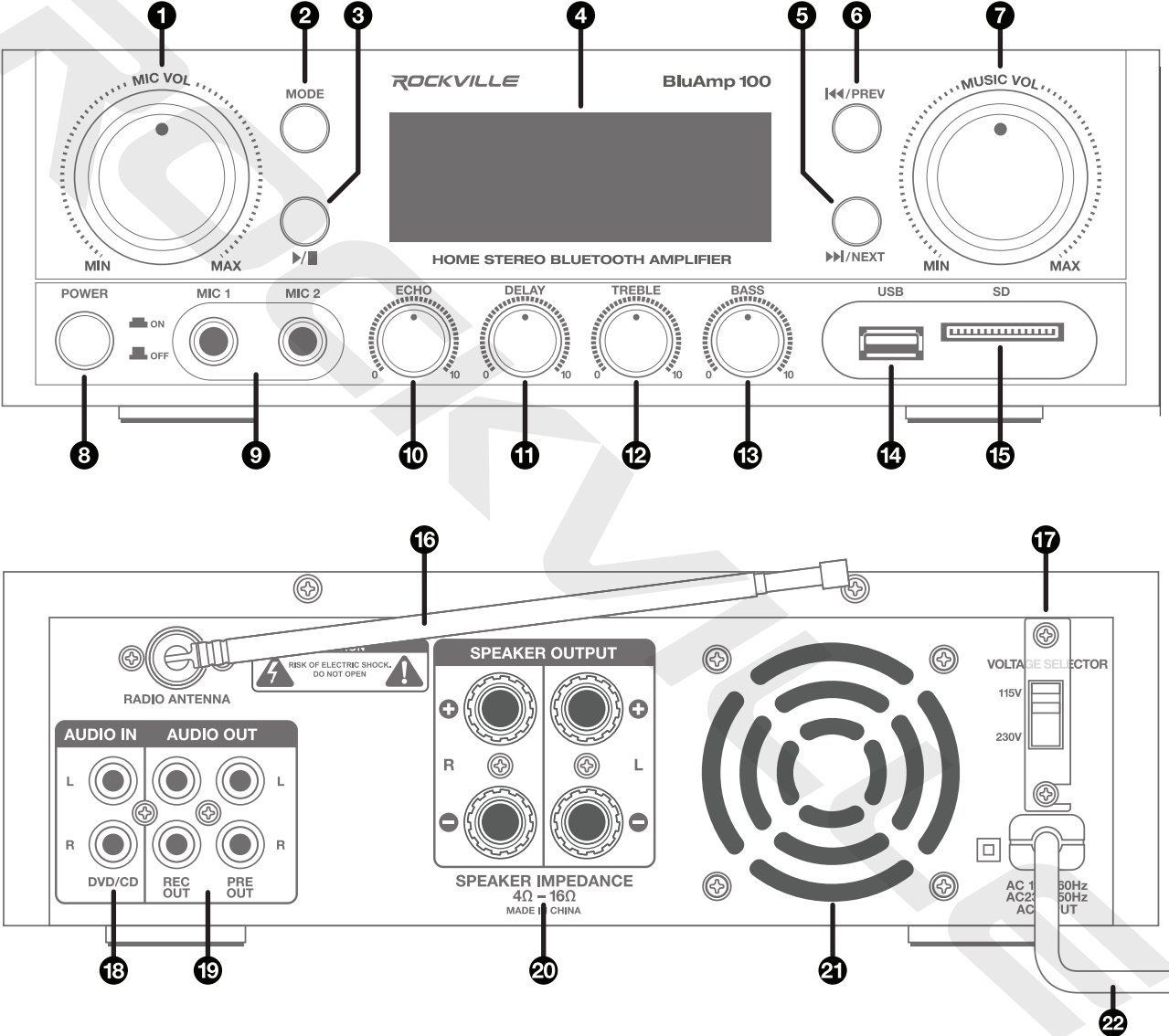
FUNCTIONS
Remote Control
1. Power: Press to enter or exit stand-by mode. Please note: To turn the unit off completely, you must press the power button on the unit itself.

2. Mode: Press to switch input modes (Bluetooth, USB/SD, DVD, FM).

3. Mute: Press to silence all sound.

4. Stop: Press to stop USB/SD playback.

5. Play/Pause: Press to start or pause audio playback. In FM mode press and hold for 3 seconds to auto-search and save stations.

6. Vol+/Vol-: Press to increase or decrease volume.

7. ◄◄/CH- and ►►/CH+: Press to skip tracks in USB/SD and Bluetooth modes, or move through stored stations in FM mode. Press and hold to rewind or fast-forward (USB).

8. Repeat: Press once to repeat current track; press again to repeat all tracks (USB/SD mode only).

9. Press to select one of six preset EQs: rock/pop/classic/jazz/country/normal.

10. Number pad: Use to select tracks in USB/SD or stations in FM mode.

FUNCTIONS

ROCKVILLE   BluAmp 100

HOME STEREO BLUETOOTH AMPLIFIER

MIC VOL   MODE   MIN   MAX   ▶/■   ▶▶/NEXT   ◀◀/PREV   MUSIC VOL

POWER   ON   OFF   MIC 1   MIC 2   ECHO   DELAY   TREBLE   BASS   USB   SD

RISK OF ELECTRIC SHOCK. DO NOT OPEN

SPEAKER OUTPUT

RADIO ANTENNA

AUDIO IN   AUDIO OUT

L   R   DVD/CD   REC OUT   PRE OUT

R   L

SPEAKER IMPEDANCE
4Ω – 16Ω
MADE IN CHINA

VOLTAGE SELECTOR
115V
230V

AC 115 60Hz
AC230 50Hz
AC OUT

FUNTIONS

1. Microphone volume control

2. Mode: Press to switch input modes (USB/SD, DVD/CD, FM, and Bluetooth).

3. Play/Pause: Press to start or pause audio playback. In FM mode press and hold for 3 seconds to auto-search and save stations.

4. LCD display

5. ▶▶/Next: Proceed to the next track (USB/SD/BT) or next stored station (FM mode). Press and hold to fast-forward (USB).

6. ◀◀/Previous: Return to previous track (USB/SD/BT) or previous stored station (FM mode). Press and hold to rewind (USB).

7. Master volume

8. Power button

9. ¼˝ Mic inputs

10. Mic echo control

11. Mic delay control

12. Treble control

13. Bass control

14. USB port

15. SD card slot

16. FM antenna

17. Voltage selector switch

18. RCA audio inputs: DVD/CD, Auxiliary

19. RCA audio outputs: Rec Out, Pre Out

20. L/R Binding post/Banana speaker outputs

21. Cooling fan

22. AC input power cord: 115V/230V~60Hz/50Hz

BLUETOOTH

Pairing
1. Turn on the Bluetooth feature on your device and ensure that it is in discoverable mode.

2. Press the Mode key until you hear a tone and the display screen reads "blue".

3. Once in Bluetooth mode, look for "BluAmp100" on your device and select it.

4. If pairing is successful, you will hear a tone.

Please note that the unit will remember the last paired device. To unpair the unit, disconnect the BluAmp via your device. Upon disconnecting, you should hear a tone.

Playback
1. Play/Pause: Press once to play current track; press again to pause.
   Previous/◀◀ and Next/▶▶ controls: Press to return to previous track or proceed to the next track.

2. Playback functions may also be controlled from the remote control or your Bluetooth device.

USB/SD

1. Insert a USB drive or SD card into the corresponding port on the front panel. The unit will automatically begin to play music stored on the external device.

Playback (controlled from the unit or the remote control)
1. Play/Pause: Press once to play current track; press again to pause.

2. Previous/◀◀ and Next/▶▶ controls: Press to return to previous track or proceed to the next track. Press and hold to rewind or fast-forward.
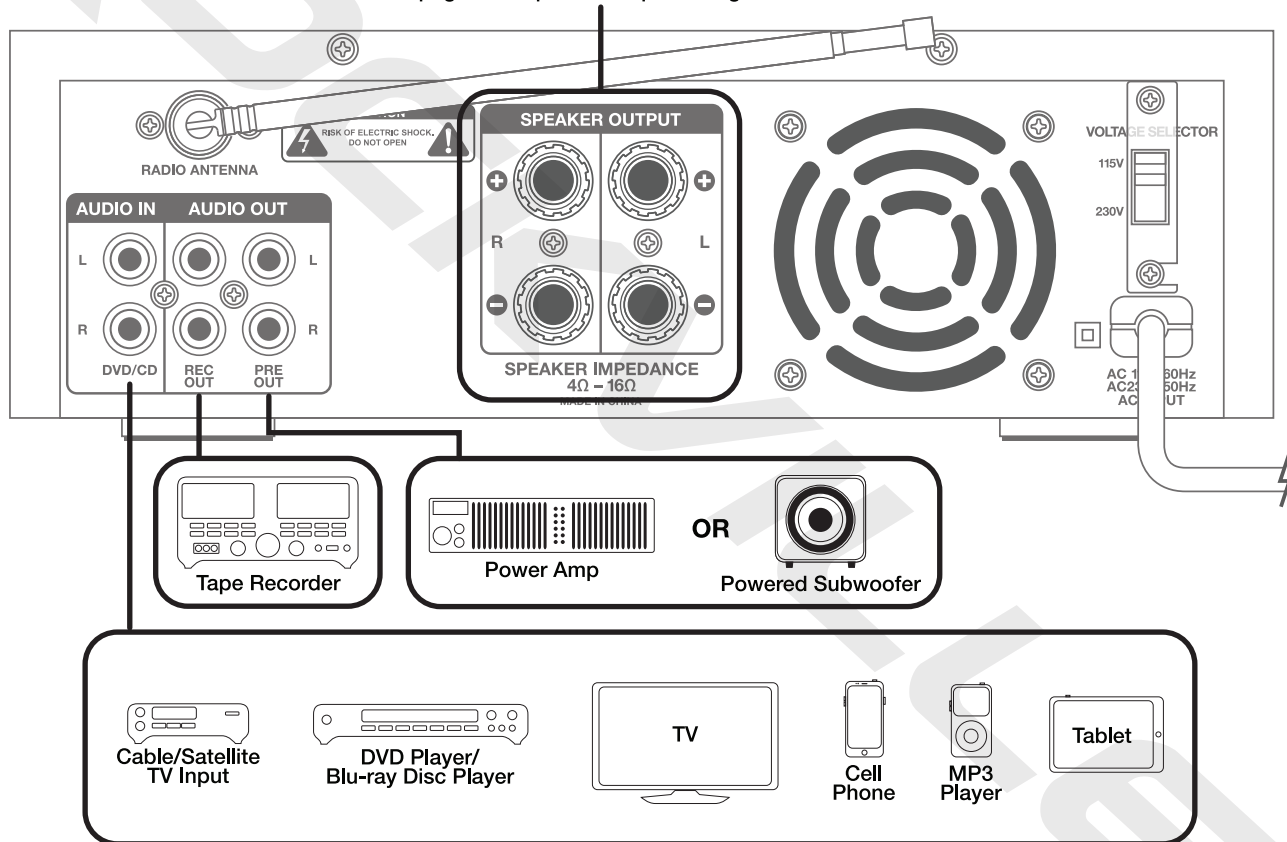
Please note, inserting a USB drive/SD card will override FM radio mode and Bluetooth mode. Formatting the USB drive/SD card is not necessary, but if you do so, use the FAT32 format. Supported file formats: MP3, WMA, WAV.
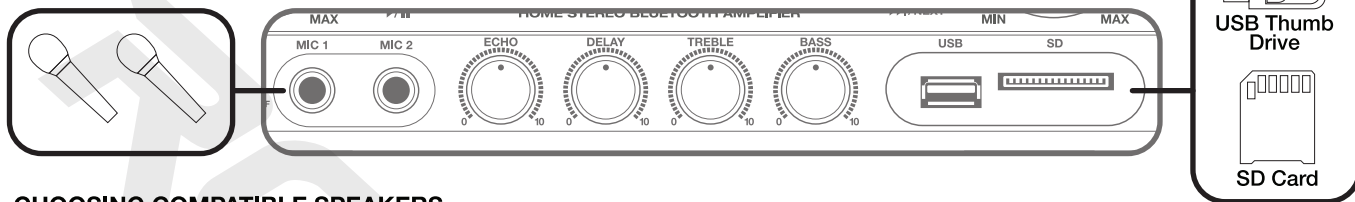
FM RADIO

1. Press the Mode key on the unit or the remote control until you enter FM radio mode.

2. Press and hold Play/Pause on the unit or the remote control to innitiate auto-scan. The unit will automatically search and store stations.

3. Press the ⏮/Previous and ⏭/Next buttons or the ⏮/CH- and ⏭/CH+ buttons on the remote control to navigate through the preset stations.

SETUP

See page 5 for speaker output configurations.

RADIO ANTENNA

RISK OF ELECTRIC SHOCK. DO NOT OPEN

SPEAKER OUTPUT

R   L

SPEAKER IMPEDANCE
4Ω – 16Ω
MADE IN CHINA

AUDIO IN   AUDIO OUT

L   L

R   R

DVD/CD   REC   PRE
            OUT   OUT

VOLTAGE SELECTOR

115V

230V

AC 1   60Hz
AC2   50Hz
   AC   UT

Tape Recorder

Power Amp   OR   Powered Subwoofer

Cable/Satellite TV Input

DVD Player/ Blu-ray Disc Player

TV

Cell Phone

MP3 Player

Tablet

SETUP (continued)
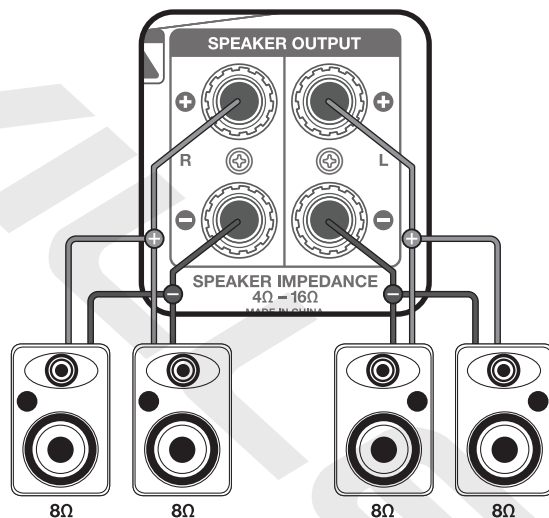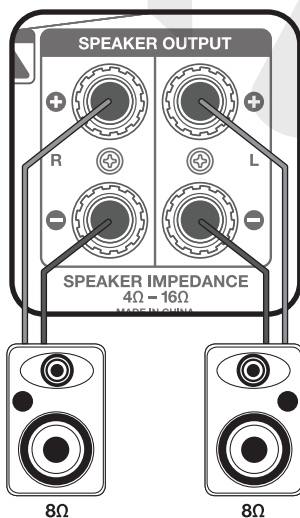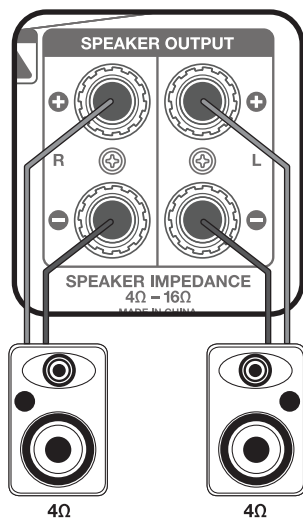

CHOOSING COMPATIBLE SPEAKERS

Speaker Types

Full-Range Speakers: These are speakers that can produce a full range of sound. They usually come in a 2-way configuration (woofer and tweeter) or a 3-way configuration (woofer, tweeter, and mid-range driver). They can vary in size from 6.5″ to 15″. The quantity and type will be determined by the size of the room and the specific requirements of your karaoke set-up. We recommend our KPS or SPGN series of speakers, which can be found at RockvilleAudio.com.
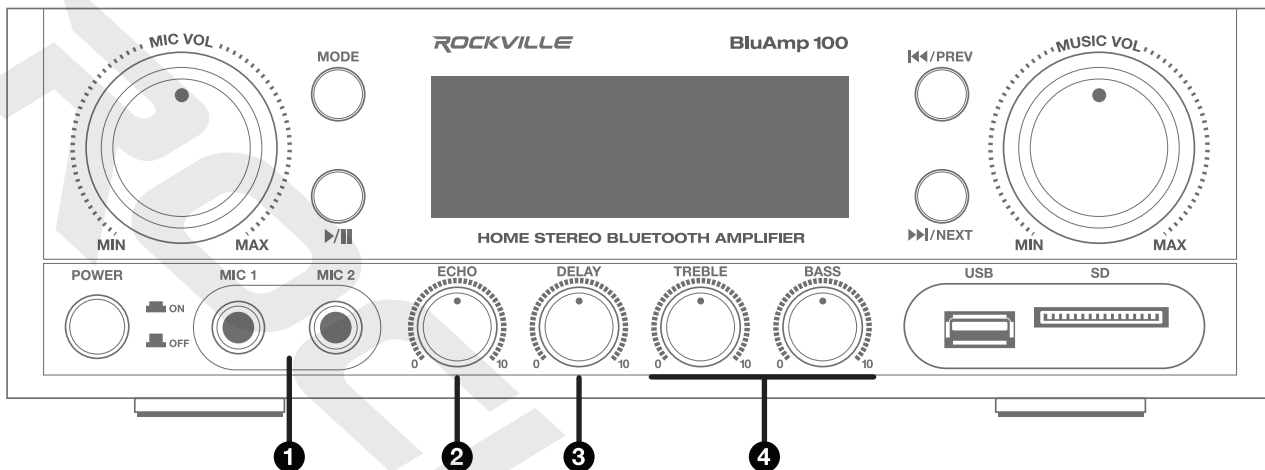
Matching Impedance: It's important that you match the impedance of your speakers to your amplifier. The BluAmp 100 has a minimum speaker impedance of 4 ohms; hence, the total impedance of your speakers *must not be less than 4 ohms*.

SPEAKER CONFIGURATIONS

1. One 4-ohm speaker attached to each channel.

2. One 8-ohm speaker attached to each channel.

3. Two 8-ohm speakers, in parallel, attached to each channel.

5

MIC CONNECTIONS, ECHO, DELAY, and EQ

1. Connect wired mics (not included) to either one of the ¼″ mic jacks.

2. **Echo:** The echo effect adds a series of repeated, decaying echoes to a sound. Equalizing the delays will change a room's sound characteristics from one that has reflective surfaces (brighter-sounding echoes) to one that is totally absorptive (darker-sounding echoes).

3. **Delay:** Determines the amount of time between echo repetitions.

4. **Equalizer:** The bass and treble controls allow the user to make adjustments to these settings, which will affect overall sound output.

USING YOUR BLUETOOTH-ENABLED DEVICE FOR KARAOKE

1. Decide which device you would like to use as your karaoke viewing screen (iPad, iPhone, Android, tablet, or laptop). We recommend using the Rockville IPS20 Tablet/SmartPhone/iPhone/iPad Tripod Stand. Find it at RockvilleAudio.com.

2. Turn on your device and the BluAmp 100. Pair the two using the Bluetooth feature (follow the paring procedures on page 3).

3. Next go to www.youtube.com on your device and type the name of the song you would like to sing (+ the word karaoke) into the YouTube search field.

4. Adjust the volume of the BluAmp 100 and microphones as you see fit. Now you're ready to sing!

FEATURES/SPECIFICATIONS

• 4 ohms: 60 x 2 watts RMS and 250 x 2 watts peak

• 8 ohms: 45 x 2 watts RMS and 175 x 2 watts peak

• Class A/B circuit with great sound quality

• RCA aux inputs to connect to any audio device

• (2) ¼˝ mic inputs for karaoke with echo control and mic volume control

• (2) sets of RCA audio outputs to connect to a subwoofer or another amplifier

• Built-in Bluetooth with 33-foot range

• 2 sets of binding post speaker output terminals

• Bass/treble/mic and master volume controls

• FM radio with antenna

• Built-in cooling fan

• Built-in pre-amplifier with low distortion

• Rear speaker terminals: binding post outputs for 2 speakers

• LCD display

• Frequency response (±3dB): 50Hz – 20kHz

• Input impedance: 10k ohms

• Input sensitivity: 300mV

• Output impedance: 4 – 16 ohm

• Total Harmonic Distortion(THD): ≤0.5%

• Signal-to-Noise Ratio(S/N): ≥78dBA

• Bluetooth version: 5.0

• USB: supports WAV/MP3/WMA

• 115V/230V switchable

• Unit weight: 6.6Lbs.

• Unit dimensions: 10.2˝ x 7.8˝ x3.2˝

INPUTS/OUTPUTS

• Front: (2) ¼˝ mic inputs

• Front: USB/SD inputs, built-in Bluetooth, FM radio

• Rear: (1) RCA inputs

• Rear: (2) RCA outputs

• (2) speaker outputs support 2-speaker or 4-speaker
setups (banana or bare wire)

TROUBLESHOOTING

PROBLEM	SOLUTION
No power	• Make sure the unit is properly plugged in.
Bluetooth pairing fails	• Make sure both devices are turned on and that your BT device is discoverable. • Make sure you've selected the proper source. • Make sure the BT device is within 5ft of the unit. • Move both devices away from other BT devices, microwaves, wireless routers, and other electronics. • Make sure the unit is not paired to another device.
No sound	• Make sure the correct input source is selected. • Check the master volume and mic volume controls as well as the volume settings of the input source. • Check all input connections as well as all output connections.
Microphone feedback	• Make sure the speakers are not pointed toward or are too close to the speakers. • Adjust the treble settings on the Mic EQ panel.
No sound from microphones	• Make sure the microphones are turned on. • Check all mic connections. • Check individual microphone volume settings as well as master microphone volume. • Make sure the microphones are in proper working order.
No USB/SD playback	• Make sure you've selected the proper mode, USB/SD (see page 3). • Make sure that the audio files are in the proper format (see pages 3). • If you've opted to format your USB drive/SD card, make sure you have chosen FAT32. • Make sure that the SD card or USB drive is properly plugged in. • Check the SD card or USB drive for damage.

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

Responsible party name: Rockville

Address: 600 Bayview Ave,
          Entrance A,
          Inwood, NY 11096

Hereby declares that the product Rockville BluAmp 100 Home Stereo Bluetooth Amplifier complies with FCC rules as mentioned in the following paragraph:

This device 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.

Note: 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 to 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.

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