

SINGMIX 5

2000W PROFESSIONAL KARAOKE RECEIVER

Thank you for purchasing this SINGMIX 5 Professional Karaoke Receiver. Please read this guide carefully for proper use of your Rockville SINGMIX 5 Professional Karaoke Receiver. Should you need assistance, please call our technical help line at 1-646-758-0144, Monday through Friday, 9am to 5pm EST.

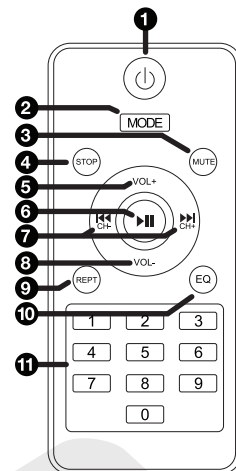
IMPORTANT SAFETY INSTRUCTIONS

- 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

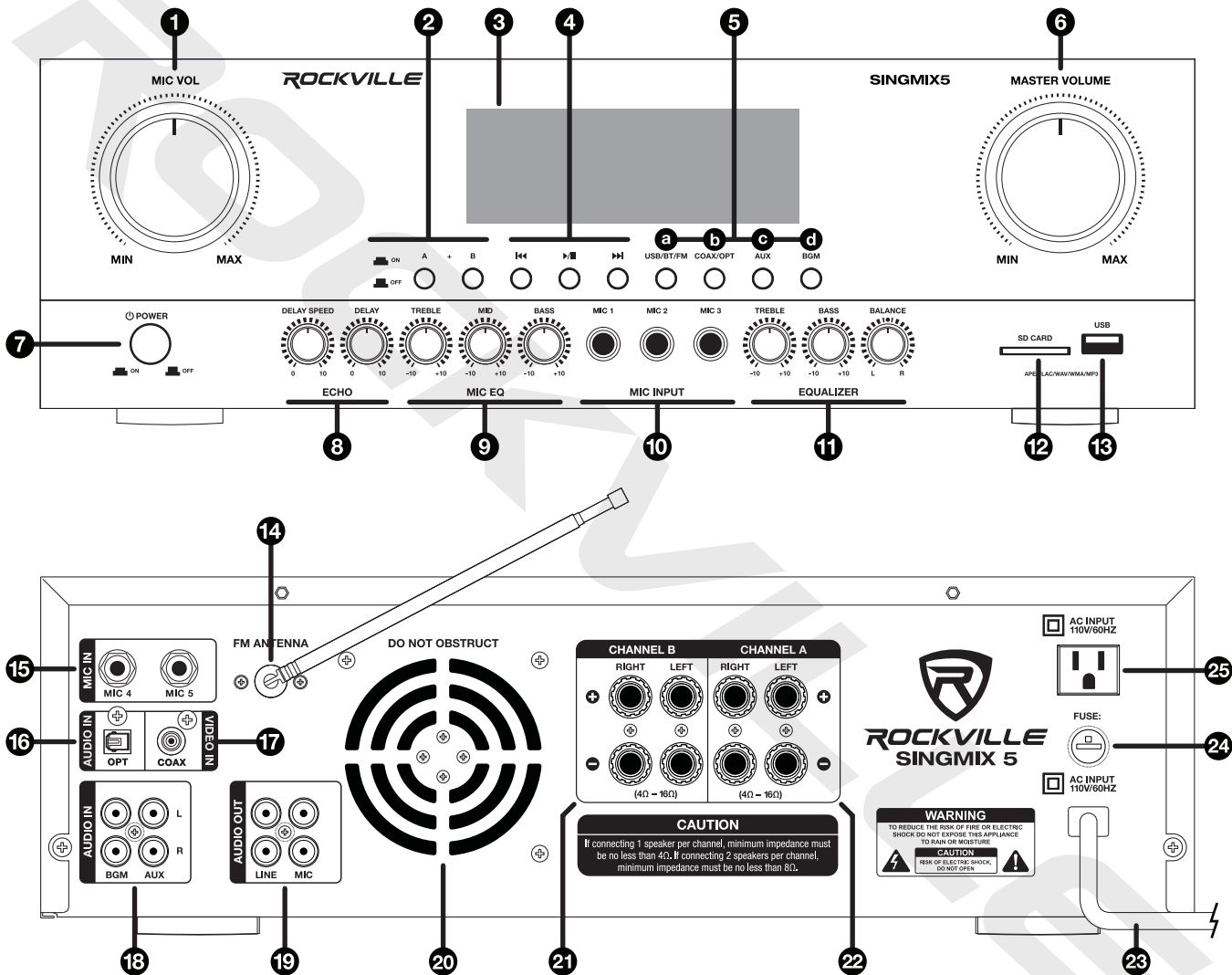
Remote Control

1. Power: press to turn the unit on or off
2. Mode: press to switch input modes (USB/SD, FM, and Bluetooth)
3. Mute: press to silences all sound
4. Stop: press to stop USB/SD playback
5. Vol+: press to increase volume (USB/SD/Bluetooth mode only).
6. Play/Pause: press to start or pause audio playback. In FM mode use to auto search & save stations.
7. ⏮/CH- and ⏭/CH+: Press to skip tracks in USB/SD and Bluetooth modes, or stations in FM mode.
8. Vol-: press to decrease volume (USB/SD/Bluetooth mode only).
9. Rept: press to once repeat single track, press again to repeat all (USB/SD mode only).
10. EQ: press to select one of 7 preset EQs: POP, ROCK, FLAT, CLASSIC, SOUNTRTY, and OFF.
11. Number pad: use to select tracks in USB/SD or select stations in FM mode.



! ATTENTION: The volume buttons on the remote control are for USB, SD, and Bluetooth mode only. All other volume adjustments are made using the volume knobs on the unit.

FUNCTIONS



FUNTIONS

1. Microphone volume control
2. Speaker output selectors
3. LCD display
4. Play/Pause: press once to play current track, press again to pause.
Previous/Vol- : press to return to previous track
Next/Vol+ : proceed to the next track.
5. Modes: a. USB/SD/Bluetooth/FM
b. Coaxial/Optical
c. Auxiliary
d. BGM: Back Ground Music mode.
6. Master volume
7. Power button
8. Mic echo controls
9. Mic EQ
10. ¼" Mic inputs
11. Equalizer
12. SD card slot
13. USB port
14. FM antenna
15. ¼" Mic inputs
16. Optical video in
17. Coaxial audio in
18. RCA audio inputs: BGM, Auxiliary
19. RCA audio outputs: Line, Mic
20. Exhaust fan
21. Channel B Binding post/Banana speaker outputs
22. Channel A Binding post/Banana speaker outputs
23. AC input power cord: 110V/60Hz
24. User serviceable fuse: 250V/8A
25. AC output socket: 110V/60Hz

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 the display screen reads "bLUE". The word will flash indicating the unit is in pairing mode.
3. Once in Bluetooth mode, look for "SINGMIX5" on your device and select it.
4. If pairing is successful you will hear a tone and the word "bLUE" will stop flashing.

Please note that the unit will remember the last paired device.

Playback

1. Play/Pause: press once to play current track, press again to pause.
Previous/Vol- / Next/Vol+ controls: Press to return to previous track or proceed to the next track.
2. Playback may also be controlled from your Bluetooth device.

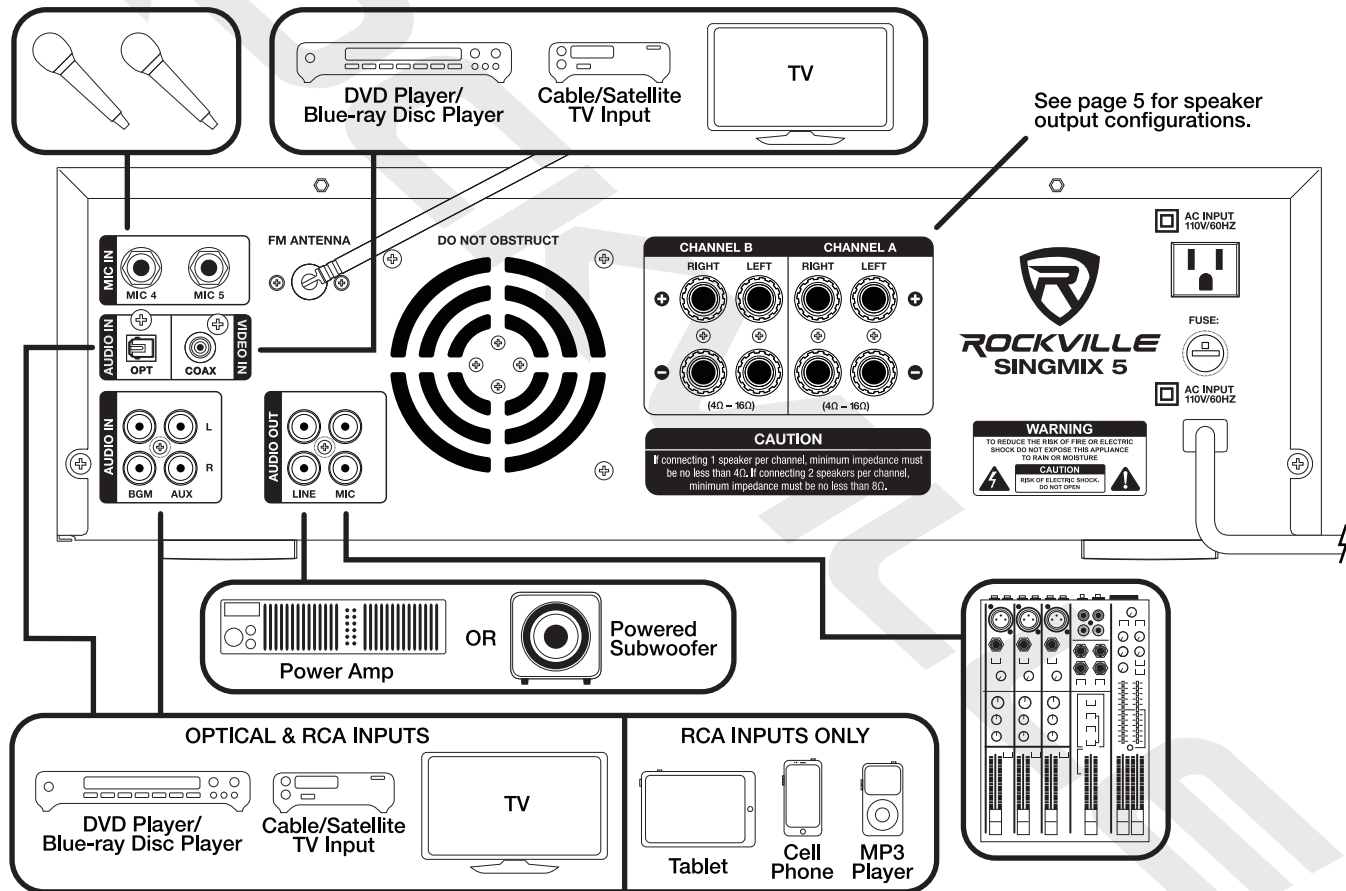
USB/SD

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.
 2. Play/Pause: press once to play current track, press again to pause.
Previous/Vol- / Next/Vol+ controls: Press to return to previous track or proceed to the next track.
- 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, MAV, FLAC, and APE.

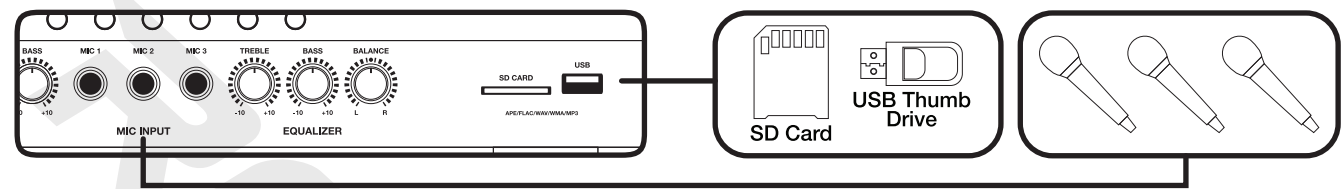
FM RADIO

1. Press the Mode key until you enter FM radio mode.
2. Long press the Play/Pause on the remote control to initiate auto scan. The unit will automatically search and store stations.
3. Short press Previous/Next buttons on the remote control to navigate through preset stations.
4. Short press Previous/Next buttons to manually tune stations.
5. Long press Previous/Next buttons to scan to previous/next available station with good reception.

SET-UP



SET-UP (continued)



CHOOSING COMPATIBLE SPEAKERS

Speaker Types

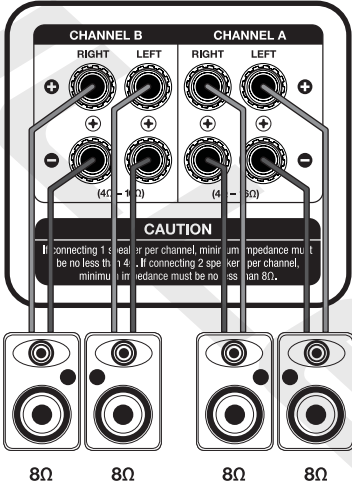
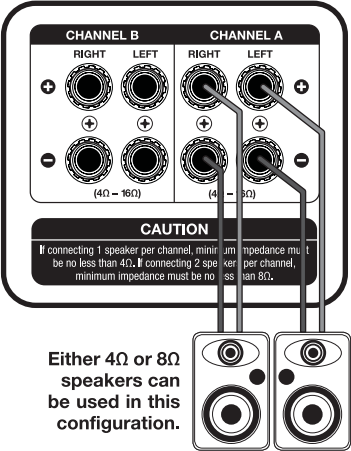
Full Range Speakers: These are speakers that can produce a full range of sound. They usually come in a 2-way configuration (woofer and tweeter) or a 3-way configuration (woofer, tweeter, and mid range driver). They can vary in size from 6.5" to 15". The quantity and type will be determined by the size 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 SINGMIX 5 has a minimum speaker impedance of 4 ohms, hence the total impedance of your speakers **must not be less than 4 ohms**.

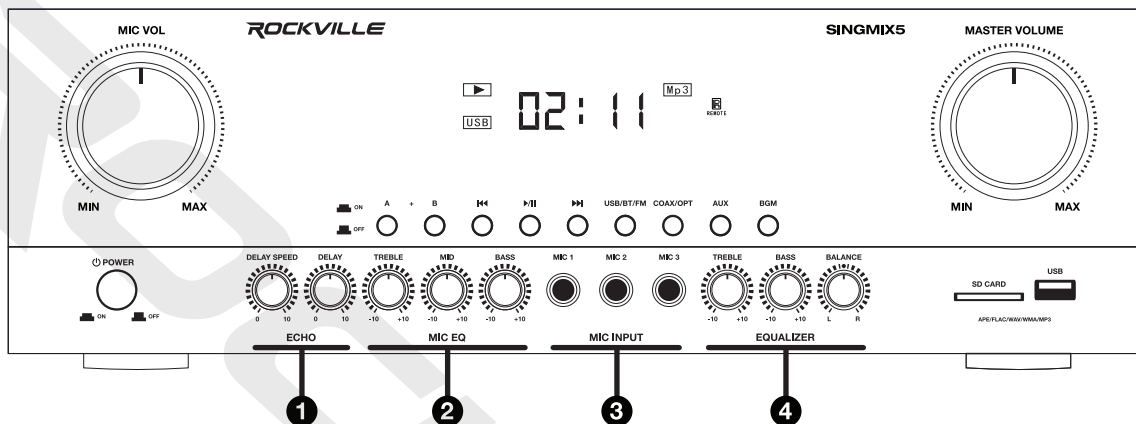
SPEAKER CONFIGURATIONS

The SINGMIX 5's speaker outputs are divided into two zones, Zone A (CHANNEL A) and Zone B (CHANNEL B). The RIGHT outputs of Zone A and Zone B are wired in parallel and the LEFT outputs of Zone A and Zone B are wired in parallel. Below are the two most common speaker configurations.

1. Two 4 ohm or two 8 ohm speakers attached to ZONE A (CHANNEL A) or you can attach them to ZONE B (CHANNEL B).
2. Two 8 ohm speakers attached to ZONE A (CHANNEL A) & two 8 ohm speakers attached to ZONE B (CHANNEL B).



MIC CONNECTIONS, ECHO, MIC EQ, and EQ



1. **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).

-Delay: Determines how much of the effect will be applied to the mic input signal.

-Delay Speed: Specifies the number of milliseconds, beats, or samples between each echo. Example: a setting of 100 milliseconds would result in a 1/10th of a second delay between successive echoes.

2. **Mic EQ:** The mic EQ section allows you to independently control the treble, mid, and bass levels of all mic inputs.

3. Connect wired mics (not included) to any one of the three 1/4" mic jacks located at the front of the unit.

4. **Equalizer:** The the bass and treble controls allow the user to make adjustments to these settings which will affect overall sound output. The balance control equalizes the output levels at your listening position even when its not centered between the two main channels. Since rooms are not always symmetrical and furniture placement dictates the position of the speaker system, it is not always possible to arrange for the listening position to be centered exactly between the two main channels. Use the balance control to correct the offset which will restore the stereo image dramatically.

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 SINGMIX unit. Pair the two using the Bluetooth feature (follow the pairing 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 SINGMIX 5 and microphones as you see fit. Now you're ready to sing!

FEATURES/SPECIFICATIONS

- Rockville SINGMIX 5 2000W Bluetooth Amplifier/Mixer/Receiver
- RMS @ 4 Ohm less than 1% THD: 600 Watts RMS (300 x 2)
- RMS @ 8 Ohm less than 1% THD: 400 Watts RMS (200 x 2)
- Peak @ 4 Ohm at 10% THD: 2,000 Watts Peak (1000 x 2)
- Peak @ 8 Ohm at 10% THD: 1,500 Watts Peak (750 x 2)
- A and B speaker selector options, allows you to split the speakers to 2 zones and turn each zone on or off. When both zones are playing it WILL play in stereo
- Built-in Bluetooth with 35 Foot range
- USB input will play music files from a thumb drive or hard drive
- SD card playback will play music files stored on a memory card
- Precision tuning with metal knobs
- Mic mixer: 3 front microphone inputs with volume, tone, and echo control
- Adjustable bass and treble music control
- Adjustable bass, mid, and treble mic controls
- Delay and repeat effect controls
- Removable 19" Rack mount brackets make this perfect for tabletop use or for rack mount applications
- Full function remote gives you easy access to all the important features
- Built-in preamplifier
- Built-in FM radio with manual tuning, and auto-scan
- Built-in quiet cooling fan
- Bright blue LED display
- Perfect for karaoke, DJ, KJ, home, and commercial applications
- Rugged metal housing
- 110V voltage power
- 110V use only
- THD: less than 0.5%
- Input sensitivity: 250mv/47K ohm
- Frequency response: (20Hz – 20KHz) ± 2 dB
- Signal to noise ratio: >85 db
- Tone characteristic (100Hz – 10KHz) ± 12 dB
- Unit weight: 17.6 lbs. (8 kg)
- Unit dimensions: 16.9" x 13" x 5.1"

INPUTS/OUTPUTS

- Front: (3) ¼" mic inputs (additional 2 mic inputs on the rear)
- Front: USB/SD Inputs, built-in Bluetooth, FM radio
- Rear: (2) RCA Inputs
- Rear: (2) MIC inputs (there are also 3 mic inputs on the front)
- (1) optical input
- (1) Coaxial input
- (2) RCA Outputs (1 master line out and one mic out)
- (4) Speaker outputs supports 4 speaker or 2 speaker setups (banana or bare wire)

TROUBLESHOOTING

PROBLEM	SOLUTION
No power	<ul style="list-style-type: none">• Make sure the unit is properly plugged in.• Check the fuse.
Bluetooth pairing fails	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• Make sure the correct input source is selected.• Check the master volume control as well as the volume settings of the input source.• Check all input connections as well as all output connections.• When using TV optical output disable Dolby Pro-Logic and Atmos; set TV sound settings to PCM
No video output	<ul style="list-style-type: none">• Check all video input connections.• Make sure your TV or other display device is set to the correct video setting.
Microphone feedback	<ul style="list-style-type: none">• Make sure the speakers are not pointed towards or are too close to the speakers.• Adjust the treble settings on the Mic EQ panel.

TROUBLESHOOTING

PROBLEM	SOLUTION
No sound from microphones	<ul style="list-style-type: none">• 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	<ul style="list-style-type: none">• 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 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 SINGMIX 5 Professional Karaoke Receiver 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.



RockvilleAudio.com

© 2020 ROCKVILLE // Features and specifications are subject to change and or improvement without notice.