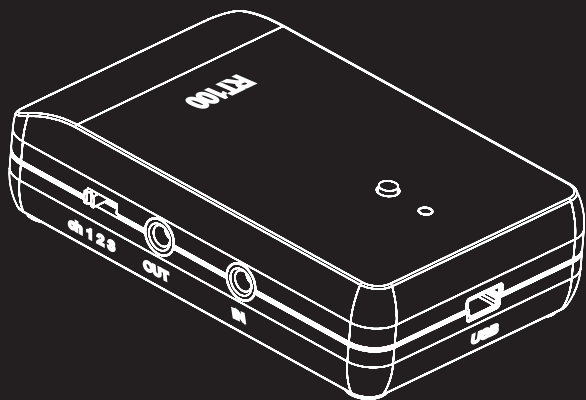


RT100

WIRELESS SPEAKER LINK

User Guide



SAFETY INFORMATION

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 product 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 product 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 product 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.

Please note that changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

This equipment should be installed and operated with a minimum distance 20cm between the radiator and your body

This device complies with Industry Canada licence-exempt RSS standard(s). Operation is subject to the following two conditions:

- (1) this device may not cause interference, and
- (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Under Industry Canada regulations, this radio transmitter may only operate using an antenna of a type and maximum (or lesser) gain approved for the transmitter by Industry Canada. To reduce potential radio interference to other users, the antenna type and its gain should be so chosen that the equivalent isotropically radiated power (e.i.r.p.) is not more than that necessary for successful communication.






The user manual for local area network devices shall contain instructions related to the restrictions mentioned in the above sections, namely that:

- (i) the device for operation in the band 5150-5250 MHz is only for indoor use to reduce the potential for harmful interference to co-channel mobile satellite systems;
- (ii) the maximum antenna gain permitted for devices in the band 5725-5825 MHz shall comply with the e.i.r.p. limits specified for point-to-point and non point-to-point operation as appropriate.

RESPONSIBLE PARTY

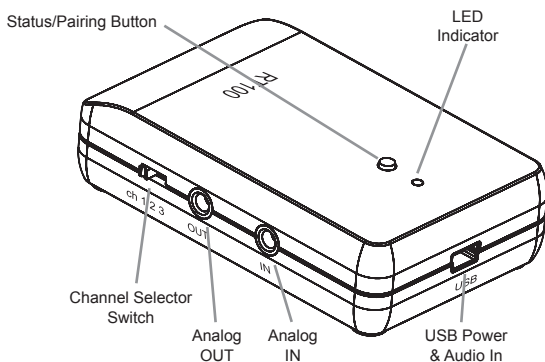
Lenbrook Industries Limited
633 Granite Court, Pickering, Ontario, Canada L1W 3K1

WHAT'S IN THE BOX

-  RT100
Wireless Speaker Link
-  Stereo RCA to 3.5mm Cable
-  Mini USB Cable
-  Adhesive Mounting Strips (x2)
-  USB Wall Charger
(not included)

GETTING STARTED

The RT100 Wireless Speaker Link provides a quick and easy way to wirelessly connect your audio components. Using its own dedicated network, the RT100 can pair with another RT100, or synchronous devices, to create a flexible multi-unit wireless audio setup.



LED Indications

LED Colour	INDICATES	NOTES
Solid Blue	RT100 in Transmit (Tx) Mode	
Solid Yellow	RT100 in Receive (Rx) Mode	
Solid White	USB Audio input	Available in Tx Mode only
Solid Magenta	Analog Audio input	Available in Tx Mode only
Flashing Green (fast)	RT100 in Pairing Mode	Three Red Flashes indicates failed pairing
Solid Green	RT100 paired with another module	
Flashing Green (slow)	RT100 disconnected from paired device	

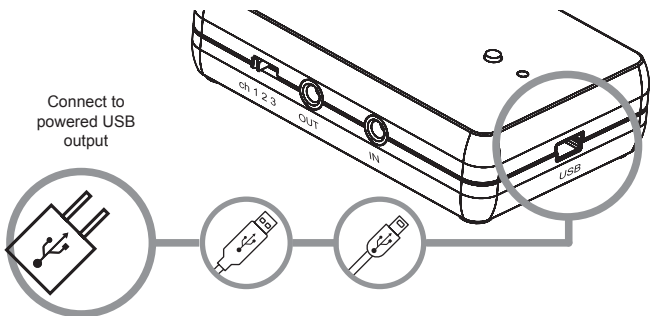
Status/Pairing Button:

Pressing the Status/Pairing Button is a quick way to check the current status of the RT100. The LED will run through a series of colors, first indicating mode, then input, and finally pairing status.

For example, if you press the Status/Pairing button and the LED shows Solid Blue, then Solid Magenta, then Solid Green, the RT100 is functioning as a transmitter, using the analog audio input, and is successfully paired with another module.

CONNECT FOR POWER

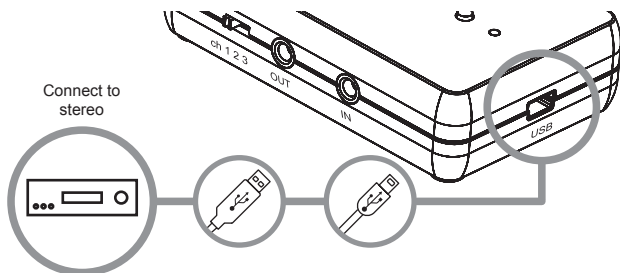
Use the Mini USB Cable provided to power the RT100, by plugging into a compatible wall charger (not supplied) or powered USB output located on the intended connected device.



CONNECT FOR SOUND

The RT100 As A Transmitting Device (Tx Mode) – USB Audio

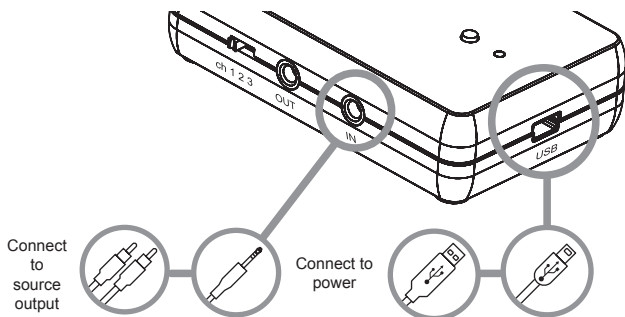
When you first plug in the Mini USB Cable and there are no analog connections attached, the RT100 will be in Tx Mode and set to use USB Audio by default. Connecting the RT100 to your source device will take advantage of this feature if USB Audio is available from the source. USB Audio is available in Tx Mode only - you cannot use USB to pass audio out of the RT100.



NOTE: Please see the **POPULAR CONFIGURATIONS** section for example diagrams of different ways to connect your RT100.

The RT100 As A Transmitting Device (Tx Mode) – Analog Audio

For Analog Audio in Tx Mode, use the Stereo RCA to 3.5mm Cable provided. Connect from your source output to the 3.5mm Input on the RT100. Analog will take priority over USB Audio once connected. Ensure nothing is connected to the 3.5mm Output.

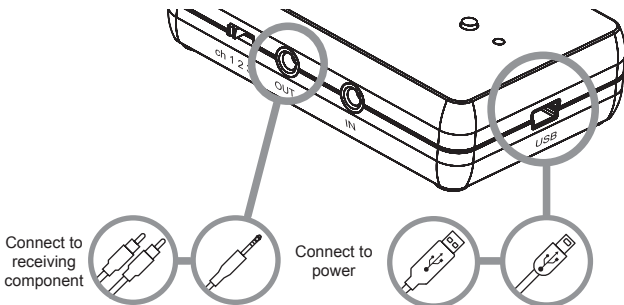


The RT100 As A Receiving Device (Rx Mode)

Use the Stereo RCA to 3.5mm cable provided to connect the 3.5mm Output on the RT100 to an input on your end component. Ensure nothing is connected to the 3.5mm Input on the RT100.

USB Audio is available in Tx Mode only and cannot be used in Rx Mode. You must still plug into the USB for power.

NOTE: We recommend that all cable connections are made when all your equipment is turned off.



CONNECT WIRELESS

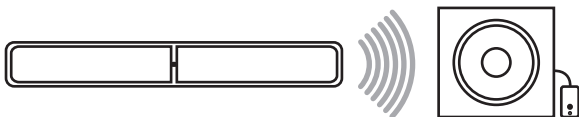
To wirelessly pair the RT100:

1. Press and hold the Status/Pairing button for at least 3 seconds, then release.
2. Once released, the LED will start flashing Green, indicating that the RT100 is in Pairing Mode.
3. Repeat the process on the other device (this might be another RT100 or a separate synchronous device in the ecosystem).
4. The LED will turn Solid Green once the RT100 has successfully paired.

For the most consistent results, you should start the pairing process on the Rx device first.

You can pair up to two Rx devices to a single Tx device, but only one at a time. To pair a second Rx device within the same setup, simply run the pairing process again between second Rx device and the Tx device. There is no need to re-pair the first Rx device as it is already connected.

POPULAR CONFIGURATIONS



Tx-Enabled Speaker to Subwoofer



Stereo to Rx-Enabled Subwoofer



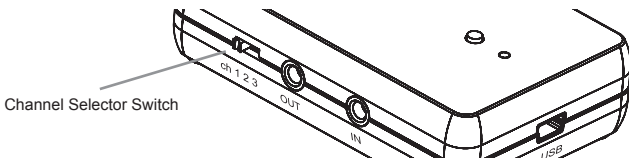
Stereo to Powered Speaker/Subwoofer

CONNECTING MULTIPLE RT100 SYSTEMS

The RT100 can operate on three different channel IDs, allowing you to use up to three different system setups in the same area. The Channel Selector Switch lets you select the channel ID you wish to use, so that you can specify which modules should be paired together. Ensure all devices are on the same channel ID if they are part of the same setup.

NOTE: Certain synchronous products that can pair with the RT100 will only work on a specific channel. Please consult the online help articles for that specific brand and product.

NOTE: If you happen to get interference in the signal between paired RT100s, you can also adjust the channel selector switch to see if the connection is improved on a different channel.



Channel Selector Switch

TROUBLESHOOTING

No Wireless Connection

- Confirm the RT100 is powered on using the Mini USB Cable.
- Confirm the RT100 is paired to a mating device.
- Try selecting a different channel ID if you are using multiple RT100s together.

No Sound

- Confirm all cable connections are attached correctly.
- Confirm the RT100 is powered on.
- Confirm the RT100 is paired to a mating device.

No Power

- Confirm the USB Power Source for the RT100 is working.

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