

DESCRIPTION:

The Rolls BT287 is a Bluetooth interface that will supply stereo or mono audio to a sound system. It also features a 400 watt contact closure relay for activation of the connected system. For example, if you have a sound system such as an old juke box and want to add Bluetooth capability to it. The BT287 will supply audio to the juke box as well as provide a contact closure relay to turn the juke box on, controlling cabinet lights, amplifier and audio level remotely. When audio is sent to the BT287 the juke box will turn on automatically and start playing audio, when Bluetooth audio is not present the juke box will be powered off by the BT287. This way a homeowner or shop owner could have a piece of equipment (juke box) remotely controlled via laptop, phone, tablet or other digital Bluetooth device with the BT287.

OPERATION:

To pair a device to the BT287 simply find the BT287 (ROLLSBT) on your device and connect. After the device is connected to the BT287 a steady blue led will light indicating that the BT287 is paired to a device, but no audio is present. A slow blinking blue light indicates that audio is being sent when paired.

When powered off the BT287 will remember the device it was previously paired with. On power up will search for that device and reconnect to it.

The DB287 has a Bluetooth operating range of 15 to 40 feet depending on how and where it is installed.

What's in the box?

- 1 - Made in USA BT287
- 1 - 15V power supply PN PS27s
- 1 - This owners manual

ROLLS

BT287 Bluetooth

Audio Adapter with switch

SPECIFICATIONS:

Output Impedance:	1K Ohm RCA
Power Requirements:	15 VDC, 500 mA; Rolls part number PS27s
Size:	3.75" x 3.25" x 1.5"
Weight:	1 lb.

ROLLS

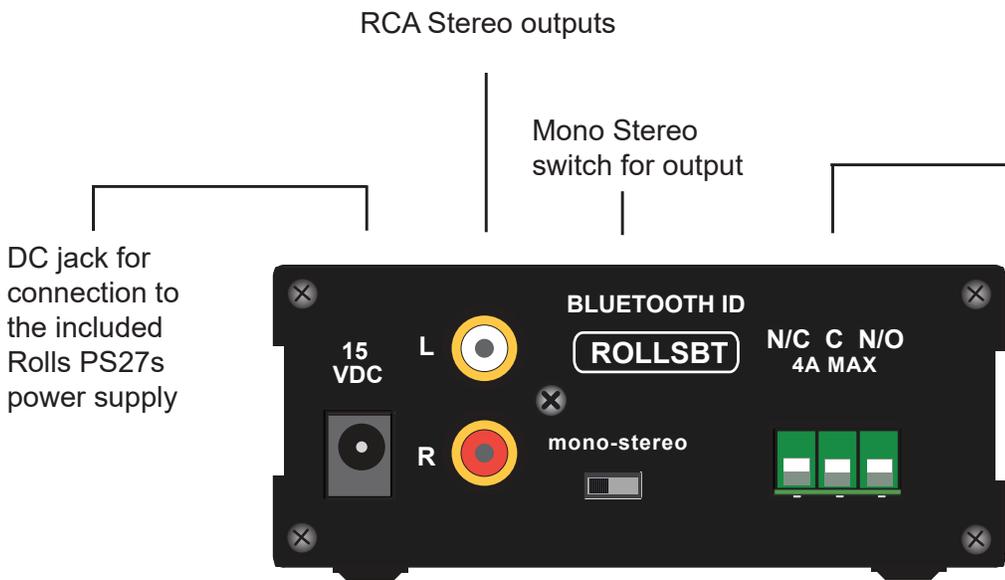
The BT287 should be installed by a knowledgeable sound installation professional that is familiar with electronic installations. Since hazardous voltages may be present on the control contacts, only people familiar with the hazards of such devices should attempt installation.

When in use the BT287's internal relay (N/C C N/O) will close (or open if needed) within milliseconds of a Bluetooth audio input signal sent, then 20 seconds after the audio signal stops playing the relay will switch even if Bluetooth is still paired to a device. The BT287 senses the level of audio signal for switching its relay.

NOTE: the controlled device may have a warm up time after being turned on, delaying audio being played.

N/C C N/O: 3 pin plug able barrier for the relay connection the relay terminals are:
 N/O=normally open
 C=common
 N/C=normally closed
 The BT287 has an internal 4A fuse.

NOTE: The relay circuit is input sensitive. If the audio being sent to the BT287, or the level of the BT287 is set to a very low level the threshold might not be met for the relay to activate. Setting both levels higher will allow the BT287's relay to operate properly.



Radome - Bluetooth antenna cover and blue status led.
 NOTE: The radome should face the direction of the Bluetooth signal source to get the best range.

Level control to set RCA output level.

Power Switch and LED power indicator.