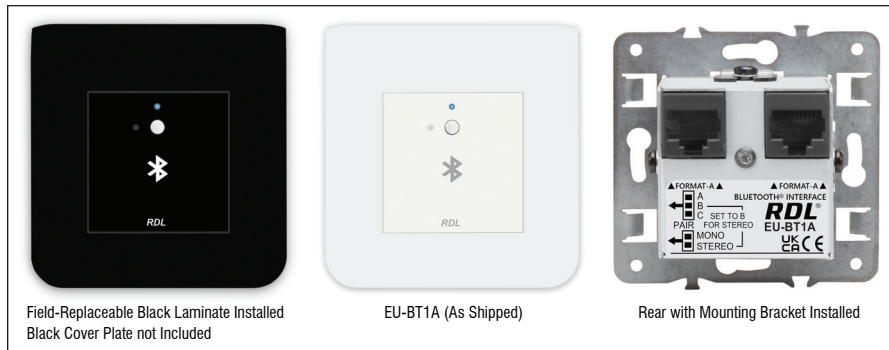




RDL®

High Performance Audio Products. Made in America.

TWISTED PAIR FORMAT-A Model EU-BT1A Wall-Mounted Bluetooth® Audio Format-A Interface



- Bluetooth Audio Input for Installed Sound System
- Intuitive Single Button Pairing with LED Status Indication
- Special Software Not Required for Module Setup
- Customizable Module ID Name and Programming via Bluetooth Connection
- Sends Received Bluetooth Audio to RDL Format-A Receivers
- Mono Summed or Stereo Audio Input Mode is Switch-Selectable on Rear Panel
- Rear-Panel Switch Selects which RJ45 Pair (A, B or C) is Fed in Mono Summed Mode
- Daisy-Chain up to Three EU-BT1A modules to One Format-A Receiver in Mono Mode
- Remotely Powered through Twisted Pair Cable
- Signal and Power Pair Pass-Through on RJ45 Jacks
- White Faceplate Laminate is Installed, Field-Replaceable Black Laminate Included
- European 45 mm x 45 mm Chassis Fits in a Standard 60 mm Deep EU Junction Box

APPLICATION: The EU-BT1A modules are Bluetooth audio receiving module compatible with RDL® Format-A twisted pair receivers. When paired with a compatible Bluetooth enabled device, the module receives stereo audio from the Bluetooth source. The stereo signal is sent through two Format-A pairs to any RDL Format-A receiver. A stereo/mono switch set by the installer permits summed mono audio to be sent over one switch-selected pair to the Format-A receiver.

If set for stereo operation, an additional Format-A source (set to Pair A) may be daisy chained with the EU-BT1A to a three-pair Format-A receiver. If set for mono operation, up to three EU-BT1A modules may be daisy chained to a single three-pair Format-A receiver. Connections between Format-A modules and Format-A receivers use standard CATx cable with RJ45 connectors.

The EU-BT1A modules are powered from the Format-A receiver. The installer can customize the module name programming through the Bluetooth connection using a smartphone, computer or tablet terminal program. These modules feature studio-quality circuits and analog filters to provide audio performance exceeding expectations from consumer interface technologies. High performance, simplicity of operation and efficiency of installation make RDL the best value in professional Bluetooth interfaces.

Black cover plate not included.



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Installation/Operation

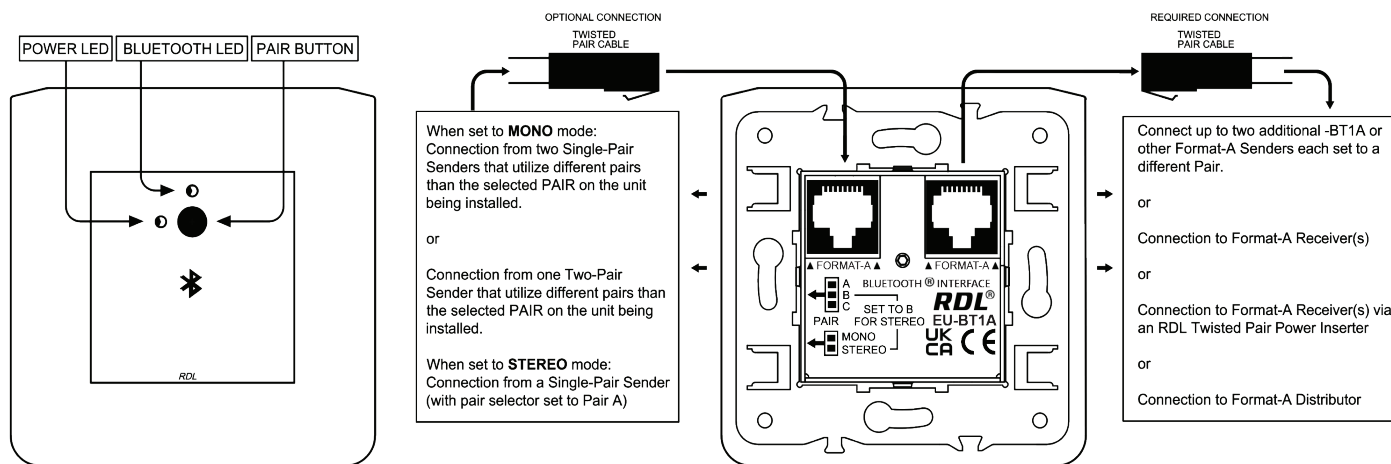


Declaration of Conformity available from rdlnet.com.
Sole EMC specifications provided on product package.
Specifications are subject to change without notice.

TWISTED PAIR FORMAT-A Model EU-BT1A

Wall-Mounted Bluetooth Audio Format-A Interface

The EU-BT1A is an active single pair sender when set to MONO.
When set to STEREO the -BT1A is an active two channel sender.



Instructions for Bluetooth pairing

Note: If the unit behaves differently from what is described here, it may be configured for one of the optional operating modes. Refer to rdlnet.com for programming instructions and additional information.

These instructions are based on the default RDL unit identification as EU-BT1A. If the RDL unit has been renamed by the installer, substitute the new name for EU-BT1A in the following steps.

PAIRING

1] Press and hold the PAIR button until the blue LED on the RDL unit illuminates, then release.

Note: The blue LED flashes while the unit is available for pairing.

If the blue LED stops flashing before the pairing process is completed, restart these steps.

2] While the blue LED is flashing, locate EU-BT1A on the user device's Bluetooth settings and click PAIR DEVICE, following screen prompts to complete the pairing process.

Note: The blue LED glows steady while the RDL unit is paired.

UN-PAIRING

The RDL unit will unpair automatically 30 seconds after the user device leaves the area. The user device may be manually disconnected by pressing and holding the PAIR button on the RDL unit and/or on connected remote controls for three seconds. The blue LED is off when the unit is no longer paired.

Note: "Leaving the area" refers to the user device being out of range to maintain consistent Bluetooth operation.

RE-PAIRING

1] Press and hold the PAIR button until the blue LED on the RDL unit illuminates, then release.

2] While the blue LED is flashing, locate EU-BT1A under "Previously Connected Devices" on the user device's Bluetooth settings and click EU-BT1A, following screen prompts to complete the re-pairing process.

Note: If the re-pairing fails, click "Forget Device" on the user device and pair the RDL unit as a new device. Upon successful pairing, the user device applications for audio playback through a Bluetooth interface may be used.

See the EU-BT1A page at rdlnet.com for programming information.



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TWISTED PAIR FORMAT-A Model EU-BT1A

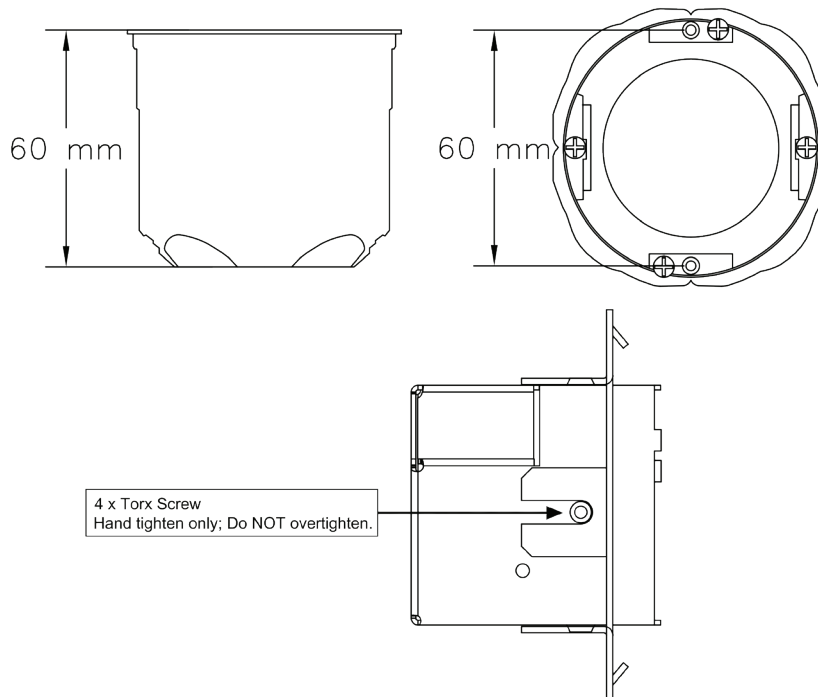
Wall-Mounted Bluetooth Audio Format-A Interface

Installation/Operation



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Sole EMC specifications provided on product package.
Specifications are subject to change without notice.

The EU-BT1A's 45 mm x 45 mm Chassis Fits in a Standard 60 mm Deep EU Junction Box



TYPICAL PERFORMANCE

Output:
Format-A Input:
Format-A Signal Pair Used:

Frequency Response:
THD+N:
Noise below -20 dBFS:
Crosstalk (channel to channel):
Audio Operating Levels:
Ambient Operating Environment:
Power Requirement:
Dimensions:
Package Type:
Package Dimensions:
Shipping Weight:
WEEE weight:

RDL Format-A (RJ45)
RJ45 LOOP IN
A, B, or C (summed mono mode, rear-panel switch-selectable);
B and C (stereo mode, pair A pass through)
20 Hz to 20 kHz (± 0.5 dB)
< 0.1%
< -70 dB
< 70 dB
-20 dBFS = +4 dBu (balanced), nominal
0° C to 40° C
24 Vdc @ 100 mA (through RJ45)
1.77" (45 mm) W; 1.77" (45 mm) H; 1.28" (32.5 mm) D
Cardboard Box
2.25 x 4.3 x 4.9 in.
0.43 lbs.
0.23 lbs.

Safety Instructions/Consignes de sécurité/
Instrucciones de seguridad/Sicherheitshinweise:



EU Importer:
Importateur de l'UE:
Importador de la UE:
EU-Importeur:

RDL Europe B.V.
Joan Muyskenweg 124
1114 AN Amsterdam

Field-replaceable Black Laminate included.
Black cover plate not included.