



RDL®

High Performance Audio Products. Made in America.

Model D SERIES-BTN21 Bluetooth® Audio Dante Network Interface



- Bluetooth Audio Input for Dante or AES67 Networked System
- Bluetooth Stereo or Mono Sum Feeds Two Network Channels
- Return Audio Talk Channel from Dante Network to Bluetooth Connected Device
- Intuitive Single Button Bluetooth Pairing with LED Status Indication
- Bluetooth Functions are Controllable in RDL CONSOLE Software
- Bluetooth Functions are Controllable using Compatible RDL Remote Controls
- Controllable Functions Include Pairing/Un-pairing, Media Source Track Selection and Level
- Bluetooth Track Title and Artist Data are Multicast on the Network to Compatible Devices
- Customize the Module ID Name, Settings and Mono/Stereo Mode using RDL CONSOLE Software
- Module is PoE Powered

APPLICATION: The D SERIES-BTN21 modules are Dante or AES67 networked, wall-mounted audio interfaces that provide bidirectional Bluetooth audio. The modules are configurable using RDL CONSOLE software and are controllable by compatible remote controls or software. The module multicasts Bluetooth media data and module function status for use with RDL CONSOLE software, compatible RDL remote controls and other compatible software. Stereo or summed mono audio is available to users through two Dante network channels. Stereo or mono audio may be selected using RDL CONSOLE software or by remote control commands. One Dante channel may be routed back to a connected device through the Bluetooth interface enabling full duplex communication.

Compatible RDL remote controls may be configured to control from one to eight D SERIES-BTN21 modules. Controllable Bluetooth functions include pairing or un-pairing, media source track selection (play, pause, next track, last track) and level adjustment from the originating Bluetooth device. Remote controls equipped with a screen may display the track title and artist.

The installer can customize the module Bluetooth name using RDL CONSOLE software. Additional settings include the LED dim intensity and the timeout to dim the LEDs. The default timeout is 30 seconds.

The D SERIES-BTN21 modules are PoE-powered.

High performance, simplicity of operation and efficiency of installation make RDL the best value in professional Bluetooth interfaces.



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This product is not specified to provide basic insulation from network cabling not installed wholly within the same building structure or terminated on equipment earthed to a different earthing network.

Instructions for Bluetooth pairing

These instructions are based on the default RDL unit identification as RDL_BTN21_G2. If the RDL unit has been renamed by the installer, substitute the new name for RDL_BTN_G2 in the following steps.

PAIRING FROM DEVICE

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

Note: The blue LED flashes as long as 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 RDL_BTN21_G2 on your 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.

PAIRING FROM RDL CONSOLE 2.0

1] Open RDL Console 2.0 and find the unit you want to pair to and click the gear icon.

2] In the new window click on the MEDIA tab.

3] Click CONNECT.

Note: The blue LED flashes as long as the unit is available for pairing. If the blue LED stops flashing before the pairing process is completed, restart these steps.

4] While the blue LED is flashing, locate RDL_BTN21_G2 on your 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 or Pressing the DISCONNECT button in RDL Console 2.0.

RE-PAIRING

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

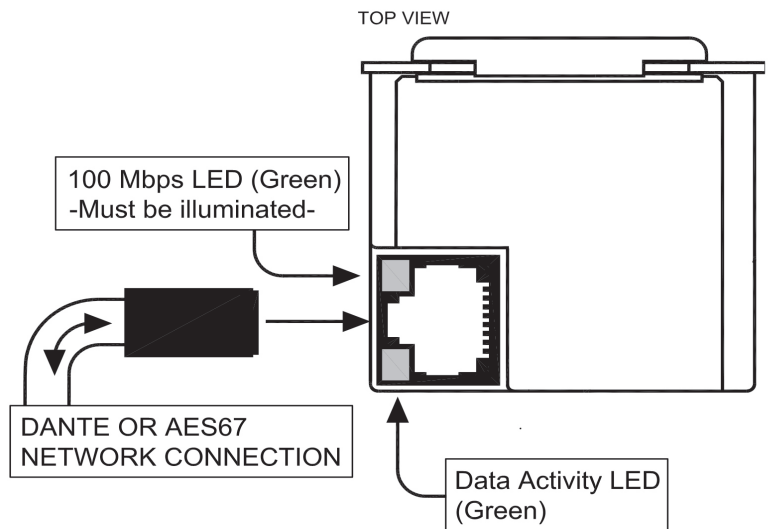
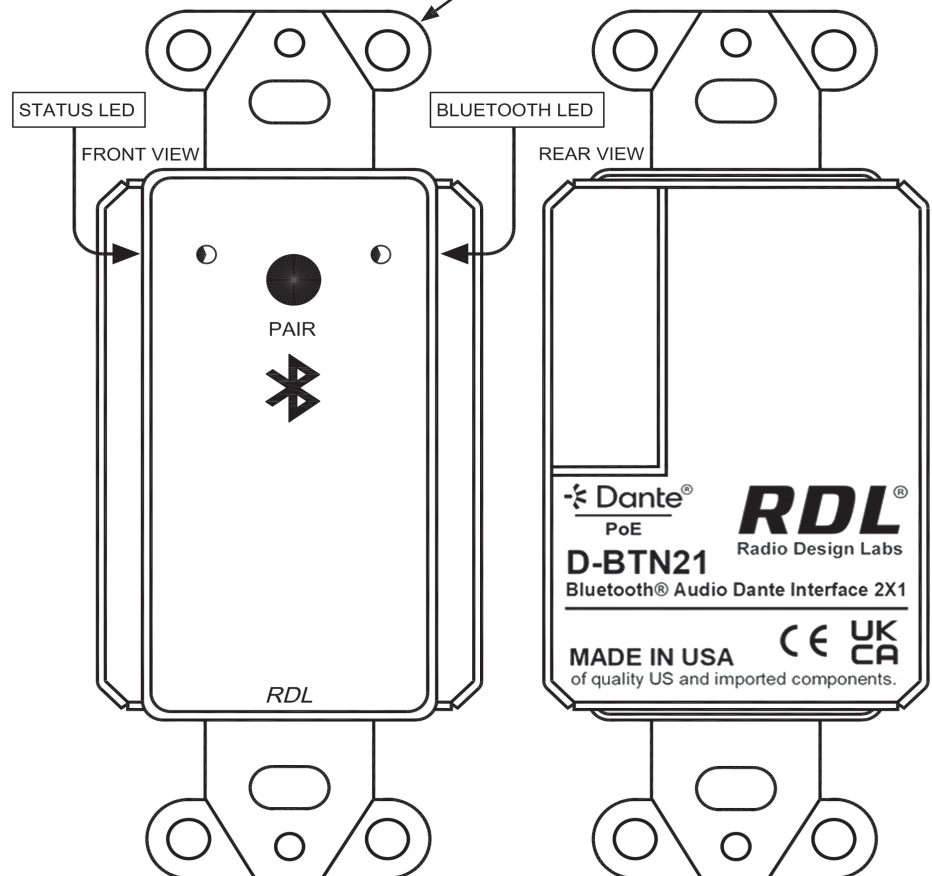
2] While the blue LED is flashing, locate RDL_BTN21_G2 under Previously Connected Devices on your device's Bluetooth settings and click RDL_BTN21_G2, following screen prompts to complete the re-pairing process.

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 D SERIES-BTN21 page at rdlnet.com to download the latest RDL Console.

Fasten this unit into a wall box or chassis by threading the two mounting screws (included) into the corresponding holes in the wall box/chassis.






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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.

TYPICAL PERFORMANCE

Network Connector:	RJ45 with Link and Speed indicators
Digital Audio Ethernet Protocol:	Dante or AES67
Transmission Rate:	100 Mbps
Sample Rates Supported:	48 kHz
Bit Depth Supported:	24 bits
Audio Operating Levels:	-20 dBFS = +4 dBu (balanced); -20 dBFS = -10 dBV (unbalanced), nominal

Common

Indicators (Front Panel):	Bluetooth®, Network Sync
Power Connection:	PoE (RJ45)
Ambient Operating Environment:	0° C to 40° C
Power Requirement:	PoE
PoE:	Class 0, IEEE 802.3af
Dimensions:	1.71" (4.34 cm) W; 4.11" (10.44 cm) H; 2.09" (5.31 cm) D
Package Type:	Cardboard Box
Package Dimensions:	2.75 x 6.7 x 6.25 in.
Shipping Weight:	0.625 lb.
WEEE weight:	0.367 lbs.

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



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

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