



# RDL®

High Performance Audio Products. Made in America.

## Models D SERIES-NLC1 Network Remote Control with LEDs



- Pushbutton Level Remote Control
- LED String Display
- Mute Button with LED Indicator
- Programmable Operation and Attenuation Steps
- Configurable for Buttons Always Enabled or Auto-Locking
- May Operate as a Controller or a Satellite
- Selectable as Satellite to a D-NMC1 or D-NLC1 Controller
- Compatible with DD-RN and Other RDL Products\*
- Sends Level Commands to Network Devices that Adjust Audio Levels\*
- Displays Audio Attenuation Level Reported by a Network Audio Device\*
- PoE Powered
- Available in Stainless Steel, Black and White

**APPLICATION:** The D SERIES-NLC1 is a remote control that provides volume control at single or multiple locations. The -NLC1 connects to a digital network that may include compatible RDL audio and control modules as well as Dante devices from RDL and other manufacturers. Level is displayed on a 15 segment LED string. Each -NLC1 operates as a Controller or Satellite control permitting up to eight units to work together to adjust levels. Setup is accomplished in a web-browser session hosted by the -NLC1.

Volume may be configured to adjust a group of outputs or to adjust one output. If grouped outputs are set to different attenuation levels, the output level offsets in dB are preserved while adjusting the group level. Audio Mute is provided on one button with an associated status indicator. The Mute condition is cancelled by pressing the Mute button again or by pressing either the Up or Down button.

Each -NLC1 is configured either as a Controller or a Satellite. When operating as the Controller, up to 7 satellite controls can be pointed at the Controller which arbitrates the requests and sends single commands to the devices the Controller is adjusting. When operating as a Satellite, the -NLC1 sends commands to one Controller which relays them to the controlled device(s). Compatible RDL products receive and respond to commands from up to 8 Controllers. The -NLC1 may serve as a Satellite to another -NLC1 or to an -NMC1.

When adjustments are not being made, the -NLC1 LED string display is dimmed. It returns to normal intensity upon any button push. The unit may be configured to lock after 30 seconds of inactivity. When Volume is locked, a button push sequence is required to unlock the unit. The unlock sequence is programmable by the installer and may be reprogrammed if required.

The -NLC1 provides straightforward pushbutton Volume control with selectable muting in an intuitive and attractive interface that is powerful, yet simple to operate.

*\*Note: Network audio flows do not pass through nor are directly adjusted by the D-NLC1. The D-NLC1 is a remote control that remotely adjusts the audio level in a compatible network device that handles audio.*



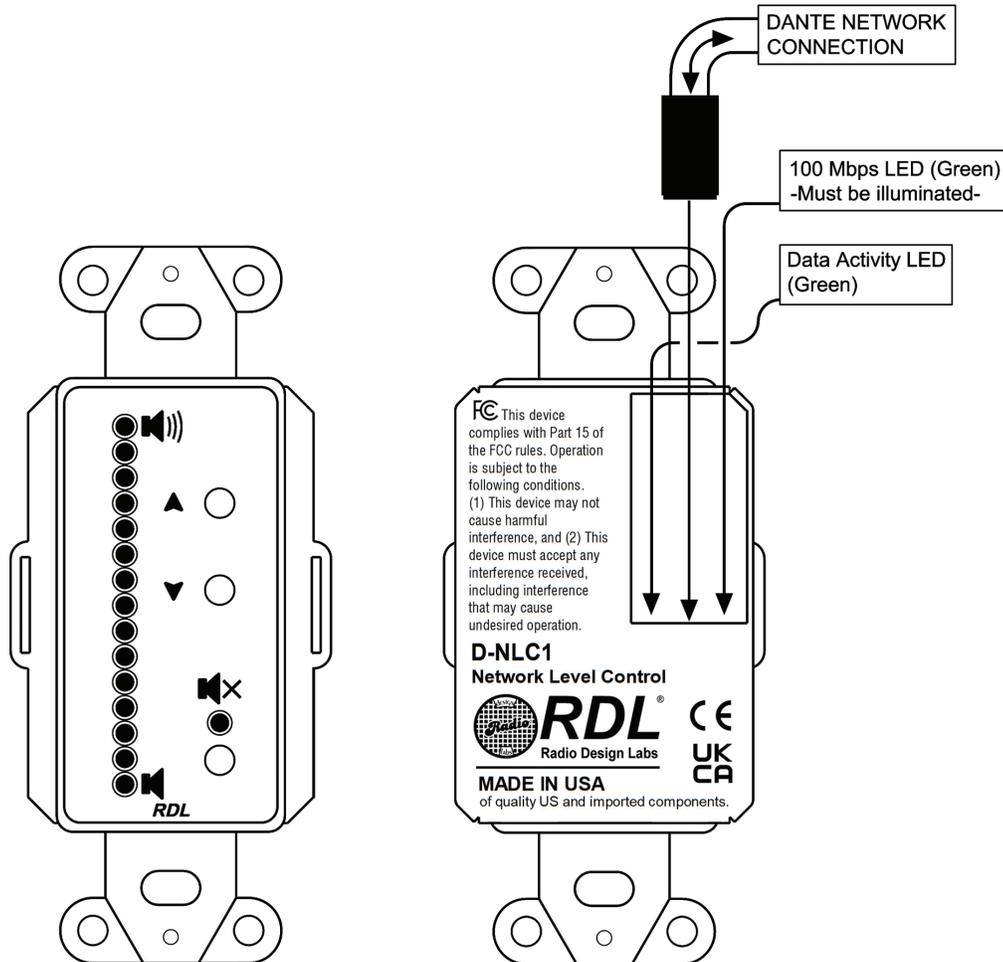
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### Installation/Operation

Declaration of Conformity available from [rdlnet.com](http://rdlnet.com).  
Sole EMC specifications provided on product package.  
Specifications are subject to change without notice.



#### TYPICAL PERFORMANCE

Network Connector:	RJ45 with Link and Activity indicators
Transmission Rate:	100 Mbps
Indicators (18):	Ethernet Link and Activity (2, rear panel); Level (15, front panel); Mute Level adjustment (2); Mute
Pushbuttons (3):	Level adjustment (2); Mute
Ambient Operating Environment:	0° C to 40° C; 30° C maximum recommended
Power Requirement:	PoE Class 0, IEEE 802.3af
Mounting:	Mounts in standard US electrical box; cover plate available separately
Dimensions:	1.8" (4.57 cm) W; 4.11" (10.44 cm) H; 1.5" (3.81 cm) D
Package Type:	Cardboard Box
Package Dimensions:	3.625 x 4.625 x 2.125 in.
Shipping Weight:	0.5 lbs.
WEEE weight:	0.31 lbs.



Scan the QR code above or see the  
D SERIES-NLC1 page at [rdlnet.com](http://rdlnet.com) for  
more information.

Radio Design Labs Technical Support Centers

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