Model D SERIES-NVC2
Network Volume Control

DB-NVC2   DS-NVC2   D-NVC2

- Rotary Encoder Volume Control with Full-Color LCD Display
- Attenuation Applied to One or Two Dante/AES67 Audio Channels
- Network Audio Channels are Routed Through the D*-NVC2
- Knob Rotation Adjusts Audio Volume Up or Down
- Attenuation Adjustment in 1 dB Steps From 0 to 63 dB then Mute
- Programmable Knob Action Acceleration
- Momentary Knob Push to Mute/Unmute with Screen Indication
- Extended Knob Push to Open Menu

- Menu Allows User to Adjust Output Channel A, B or Both
- Option to Sum Stereo Input to Mono on Outputs A and B Using RDL CONSOLE
- Installer Sets Menu Default and Defines Channel Names Using RDL CONSOLE
- The -NVC2 May be Remote Controlled by the RDL D-NMC1R or D-NLC1R
- Selectable Screen Display Color Themes Using RDL CONSOLE
- Adjusts Levels of Network Audio Signals Routed Through It*
- Displays Audio Attenuation Level Applied to Routed Signals*
- PoE Powered

APPLICATION: The D SERIES-NVC2 is a rotary control that provides volume control and muting on one or two Dante/AES67 network audio channels. One or two mono audio sources or one stereo audio source may be routed to the -NVC2, then from the -NVC2 to a network destination, typically a power amplifier. Audio level adjustment is performed digitally in the -NVC2. The installer has the option of setting the unit to sum the left and right channels of a stereo source with the mono sum feeding both outputs. The level of each output channel may be adjusted separately or together. If two or more user adjustment controls are desired in the same zone, an RDL D-NMC1R may be used to remote control the -NVC2, allowing adjustment by either unit. Network bandwidth typically supports up to 4 remote controls per zone.

Opening the installer-enabled MENU provides for selecting which output channel to adjust or to select simultaneous adjustment of both outputs. The -NVC2 connects to a local network that may include compatible RDL audio and control modules as well as Dante devices from RDL and other manufacturers. The unit is menu-driven using a full-color LCD display.

The VOLUME display shows the relative level using segments in a circular pattern. The level is adjusted by the user using the rotary encoder knob with mechanical detents. The knob rotation includes pre-programmed acceleration when the knob is turned quickly, such as to reduce an unexpectedly high level or feedback. The installer can refine the acceleration during the unit setup in CONSOLE. A user can mute the audio by momentarily pushing the knob. The muted condition is shown on the display, as well as on the display of other RDL remote controls that are set to control the volume of the -NVC2. While muted, the next momentary knob push will unmute the audio at its prior volume setting. If, instead, the user rotates the knob clockwise, the volume will ramp up, from fully "off", according to the rotation of the knob.

Each function may be configured to automatically lock after 30 seconds of inactivity. Inactivity timeout is programmable by the installer. When a function is locked, a passcode is required to unlock that function. The passcode is programmable by the installer and may be reprogrammed if required. After 30 seconds of adjustment inactivity, the -NVC2 display is dimmed. It returns to normal intensity upon any knob activity.

The field-upgradable -NVC2 provides stereo to mono summing and independent or single output volume control of network audio in an intuitive and attractive interface that is flexible and powerful, yet simple to operate.

Note: Network audio flows pass through and are directly adjusted by the D-NVC2. The D-NVC2 may also be remotely controlled by compatible remote controls such as the RDL D-NMC1R or D-NLC1R.
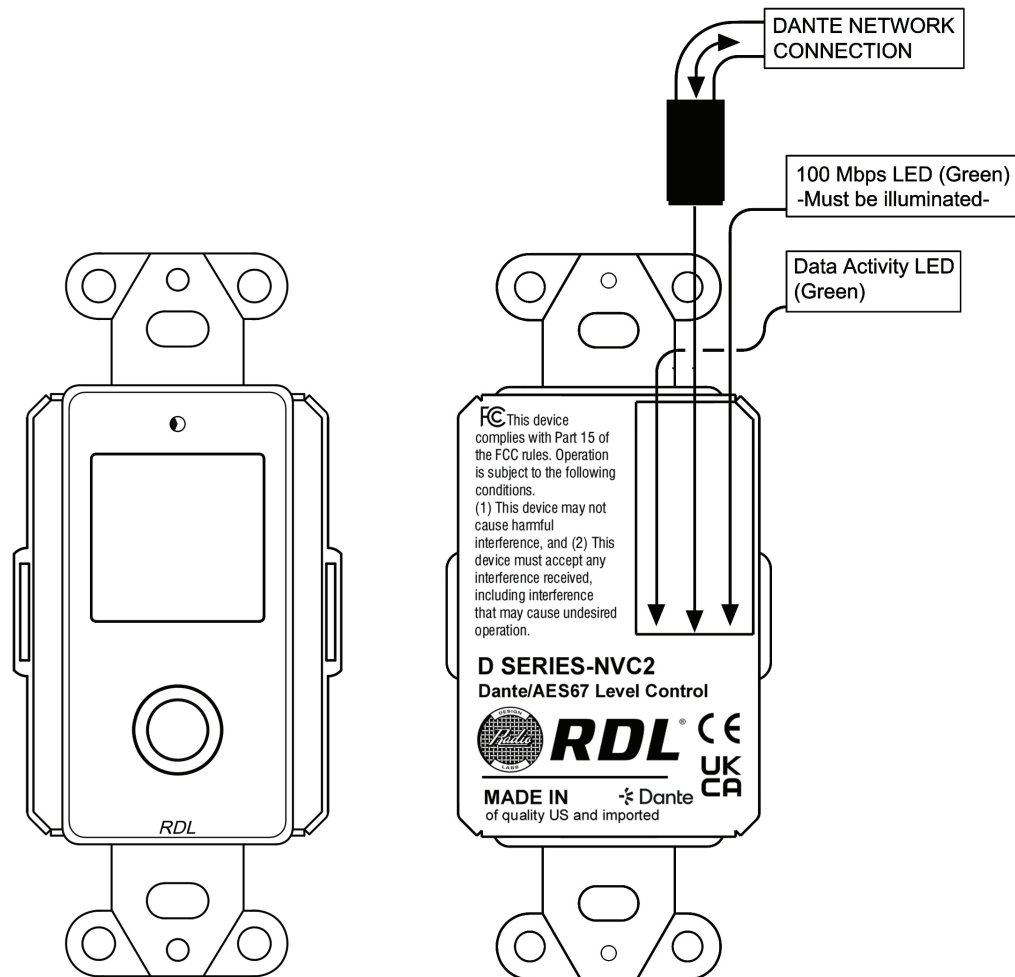
RDL®

High Performance Audio Products. Made in America.

Installation/Operation

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

Model D SERIES-NVC2
Network Volume Control

DANTE NETWORK CONNECTION

100 Mbps LED (Green)
-Must be illuminated-

Data Activity LED (Green)

FC This device complies with Part 15 of the FCC rules. Operation is subject to the following 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.

D SERIES-NVC2
Dante/AES67 Level Control

RDL® CE UK CA

MADE IN of quality US and imported ⠿ Dante

RDL

TYPICAL PERFORMANCE

Network Connector:	RJ45 with LED indicators
Transmission Rate:	100 Mbps
Indicators (3):	Ethernet Link and Speed (2, rear panel); Power (front panel)
Screen:	Color LCD 240 x 240 pixels
Rotary Control:	Knob push short: Mute/Unmute or Enter;
	Knob push long: Menu selection;
	Knob rotation: Level Up/Down
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; 1.61" (4.08 cm) D
Package Type:	Cardboard Box
Package Dimensions:	3.625 x 4.625 x 2.125 in.
Shipping Weight:	0.51 lbs.
WEEE weight:	0.37 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

891-7715