



RDL®

High Performance Audio Products. Made in America.

Model D SERIES-NMC1R Network Remote Control with Screen



- Rotary Encoder Remote Control with Full-Color LCD Display
- Knob Rotation Adjusts Audio Volume Up or Down
- Attenuation Adjustment in 1 dB Steps From 0 to 64 dB
- Each D*-NMC1R Can Control One or Multiple RDL Products
- Multiple D*-NMC1Rs Can Control One or More RDL Products
- Programmable Knob Action Acceleration
- Momentary Knob Push to Mute/Unmute with Screen Indication
- Extended Knob Push to Open Menu
- Menu Accesses Volume, Bluetooth Control or Presets
- Bluetooth® Control to Pause/Resume and Select Track
- Presets Execute Volume, Routings and RDL CONSOLE Commands,
- Each Preset Controls One or Multiple Dante Devices
- Selectable Screen Display Color Themes
- Sends Level Commands to Network Devices that Adjust Audio Levels*
- Displays Audio Attenuation Level Reported by a Network Audio Device*
- Compatible with D-RN, DD-RN and Other RDL Products*
- PoE Powered
- Available in Black (DB-NMC1R), White (D-NMC1R) and Stainless Steel (DS-NMC1R)

APPLICATION: The D SERIES-NMC1R is a rotary remote control that provides volume control and muting at single or multiple user locations. Opening the installer-enabled MENU provides for selecting, starting or pausing an audio track on a network-connected Bluetooth device, or selecting from installer-programmed PRESETS that can set or clear Dante routings, select devices controlled by the -NMC1R and execute all settings and commands available in RDL CONSOLE, RDL's configuration software for networked endpoints and controls. The -NMC1R 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. If multiple -NMC1R units are assigned to control the same RDL product or group of products, the -NMC1R units all remain active with tracking volume displays. RDL D*-NLC1R rotary remote volume controls may also be used as auxiliary volume controls in a zone where the primary control is an RDL D*-NMC1R. Network bandwidth typically supports up to 4 of these remote controls per zone.

The -NMC1R display defaults to VOLUME, which is also available for selection from the MENU. 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 RDL 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 -NMC1R remote controls that are set to control the volume of the same device. 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 menu function may be configured to automatically lock after 30 seconds of inactivity. 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 -NMC1R display is dimmed. It returns to normal intensity upon any knob activity.

The -NMC1R PRESETS function is uniquely powerful. Each desired PRESET is set up and named by the installer using RDL CONSOLE software. Any command that can be sent by RDL CONSOLE to an RDL networked product can be saved in an -NMC1R PRESET. The installer can add additional RDL networked products to the PRESET, with each target product receiving one or more different commands when the PRESET is executed by the user. Examples of possible commands include:

- Setting an audio level
- Adjusting audio gain
- Mixing source signals
- Bluetooth pairing
- Establishing a Dante routing (applicable to RDL and OEM Dante products)
- Clearing a Dante routing (applicable to RDL and OEM Dante products)
- Enabling/Disabling Phantom voltage
- Setting outputs to Mic or Line level
- Any other command string available in RDL CONSOLE

Each PRESET can be as simple as selecting an audio source by routing it to the device under control. Each PRESET can be as complex as launching multiple routings, clearing other routings, setting a new listening level and changing which networked product, or products, that it controls. Up to 8 network-controlled products may be configured by one, or by as many as 8 PRESETS.

The field-upgradable -NMC1R provides a wide range of remote-control capabilities in an intuitive and attractive interface that is flexible and powerful, yet simple to operate.

**Note: Network audio flows do not pass through nor are directly adjusted by the D-NMC1R. The D-NMC1R is a remote control that remotely adjusts the audio level in a compatible network device that handles audio.*



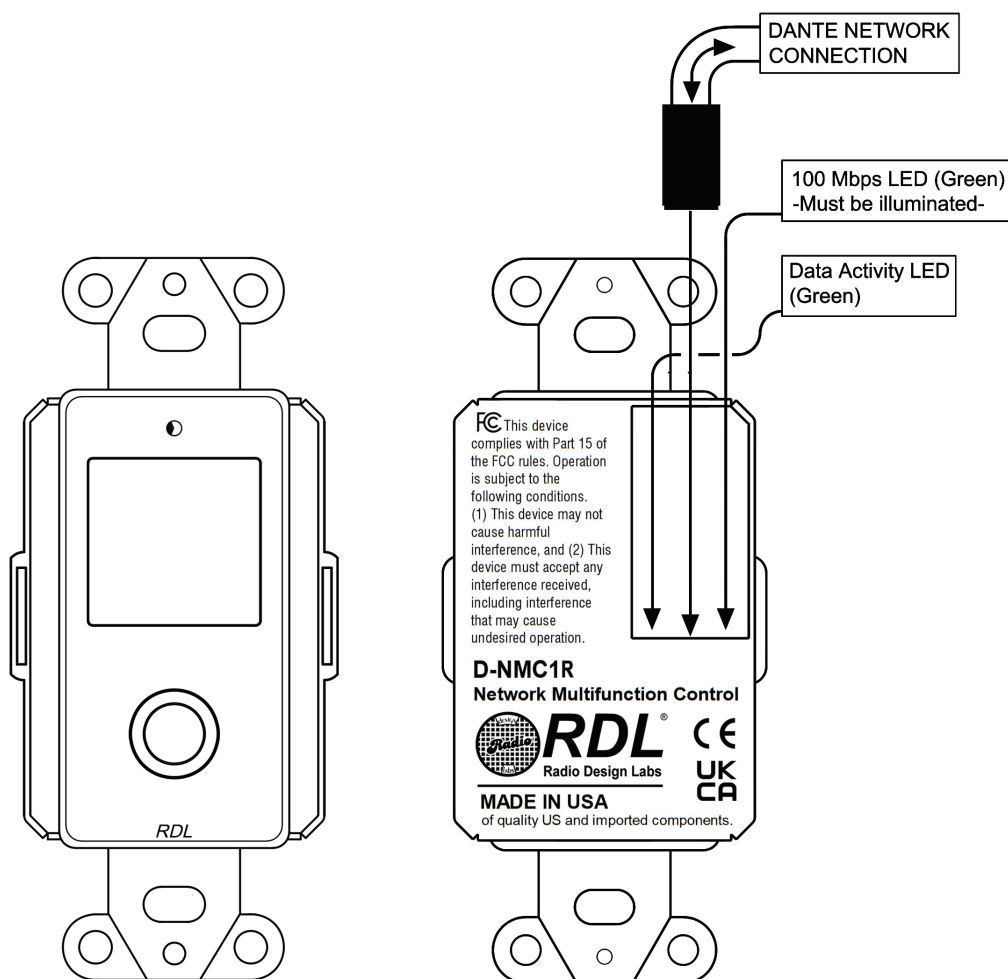
RDL[®]

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Installation/Operation

Model D SERIES-NMC1R Network Remote Control with Screen

CE 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 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 or Navigate menu
Ambient Operating Environment:	0° C to 50° C
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" (4.09 cm) D
Package Type:	Cardboard Box
Package Dimensions:	2.25 x 4.3 x 4.9 in.
Shipping Weight:	0.51 lbs.
WEEE weight:	0.37 lbs.

Radio Design Labs Technical Support Centers

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