

CONTROL Remote Ethernet Device (RED-1)



RED-1 Remote Ethernet Device is a remote control for Audia® and Nexia® systems. It offers a simple, intuitive interface for end users and can be installed and configured to fit the unique needs of a particular application. The device connects via standard CAT-5/6/7 cabling and is powered over Ethernet, eliminating the need for custom cabling and local power sources. Multiple remote control panels can be connected over large distances using standard network technology.

FEATURES

- Adjustment and/or initiation of 32 selectable system volumes and actions
- Volumes are any individual or grouped system levels, including inputs, outputs, matrix cross-points, etc.
- Actions are any individual or grouped system operations, including presets, source selection, mutes, ducking, combining, etc.
- Control functions are programmed in the Audia and Nexia system design software
- High contrast OLED display with a wide viewing angle
- The display brightness can be adjusted to fit the ambient light present in the application and automatically dims when not in use
- Capacitive touch technology eliminates protruding and moving parts to increase product reliability and longevity while simplifying cleaning
- Surface-mounts to any wall; multiple mounting options accommodate international back boxes
- 330' (100m) Ethernet cable length can be extended with standard PoE network technology (routers, switches, hubs, media converters)
- Connects with standard RJ-45 or IDC connector
- Covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The control panel shall provide programmable remote control of volume and selection functions for Biamp's Audia® and Nexia® products. The control shall be a PoE network appliance with a graphical display and a capacitive touch scroll wheel for menu navigation and selection. The connector shall be made using a standard RJ-45 or IDC connector. The control shall be a surface-mounted device and shall not require any type of electrical box be present for mounting. The control shall be made from white PC/ABS material with UV protection additive. The control panel shall carry a five-year warranty. The control panel shall be a BIAMP Remote Ethernet Device 1.

APPLICATIONS

Source selection	Selection and level control of input sources for background music, such as CD player and auxiliary devices
Paging/music	Zone page routing and music source selection with page-over-music ducking and independent page/music volume control
Restaurant/bar	Music source selection and room volume control, independent per zone, with centralized hostess page routing and volume control
A/V conferencing	Individual source volume control and selection of room mode presets (i.e., conferencing or video playback)
Room combining	Remote selection of room combinations, based on preset configurations or moveable partitions, with automatic combining of volume functions

SPECIFICATIONS

Dimensions	4.7" x 5.1" x 1.25" (120mm x 130mm x 32mm)
Power consumption	PoE Class 1 (3.2W @ full display utilization)
Control cable requirements	CAT-5/6/7 Ethernet cable using either RJ-45 or IDC connector
Control cable length	330' (100m) Ethernet cable length can be extended with standard PoE network technology
Control wiring topology	Standard Ethernet network wiring
Control programming	Each control configured for specific operation by the system design software
Compliance	EU RoHS Directive 2002/95/EC; CE; FCC