

# DATA SHEET

## AUDIA®/NEXIA® RED-1 REMOTE ETHERNET DEVICE



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' 5-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

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

## SPECIFICATIONS

<b>Dimensions</b>	4.7"W x 5.1"H x 1.25"D (120mm x 130mm x 32mm)
<b>Power consumption</b>	PoE Class 1 (3.2W @ full display utilization)
<b>Control cable requirements</b>	CAT-5/6/7 Ethernet cable using either RJ-45 or IDC connector
<b>Control cable length</b>	330' (100m) Ethernet cable length can be extended with standard PoE network technology
<b>Control wiring topology</b>	Standard Ethernet network wiring
<b>Control programming</b>	Each control configured for specific operation by the system design software
<b>Compliance</b>	FCC Part 15B (USA), CE marked (Europe), RoHS Compliance (Europe)