### **DATA SHEET**

# AUDIA\*/NEXIA\* RED-1F REMOTE ETHERNET DEVICE (FLUSH MOUNT)



RED-1F Remote Ethernet Device is a flush-mount 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
- Flush-mounts to any wall; mounts using the retrofit plate (included) or installs in a Raco<sup>®</sup> 254 box for North American installations (not-included)
- 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 flush-mounted device. 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 Flush Mount.

#### **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                 | 6.22"H x 5.82"W x 0.5"D (158mm x 148mm x 12.7mm)                                       |
|----------------------------|--|
| 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                 | FCC Part 15B (USA), CE marked (Europe), RoHS Compliance (Europe)                       |

## SIDE VIEW (FROM WALL TO SURFACE OF RED-1F)

