BIAMP®

Volume 8, Select 8, & Volume/Select 8 Control Panels

RoHS Compliant EU 2002/95/EC
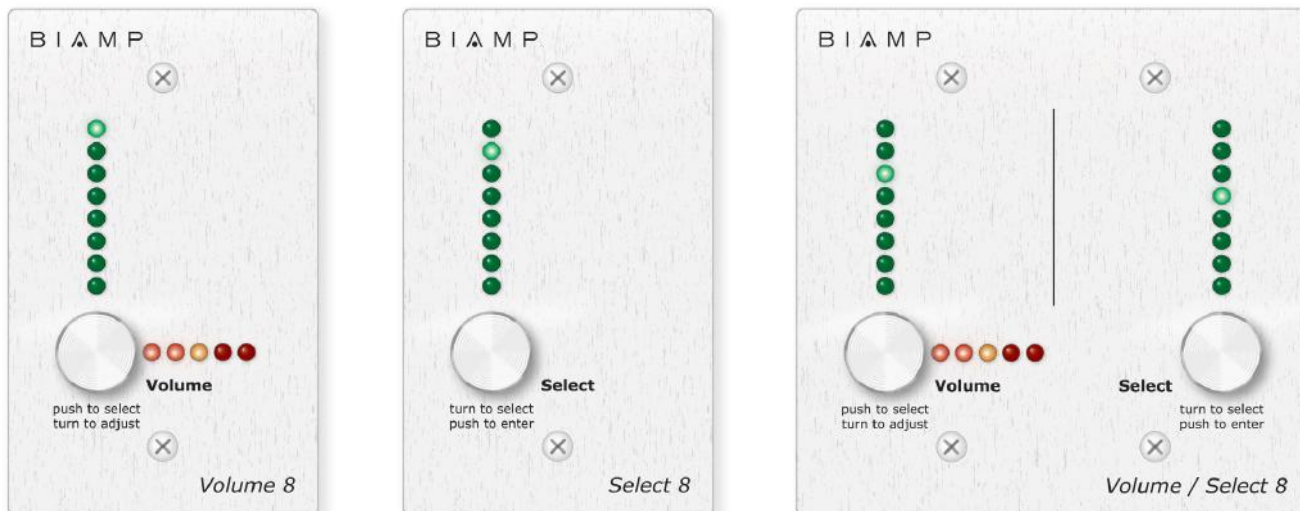
Volume 8, Select 8, and Volume/Select 8 Control Panels are a natural extension of Audia® and Nexia® products. These control devices allow for a simple and intuitive interface for end-users, and can be installed and configured to fit the unique needs of a particular application. Any combination of Control Panels can be connected on a 5-wire daisy-chain, eliminating the need for local power sources. This connection also provides the serial communication to the Audia or Nexia system. Multiple remote control panels can be connected on one bus, over a large physical distance.

FEATURES

- **Volume 8** - adjustment of eight selectable system volumes
- volumes are any individual or grouped system levels
- volumes include inputs, outputs, matrix cross-points, etc.
- **Select 8** - initiation of eight selectable system actions
- actions are any individual or grouped system operation
- actions include presets, mutes, ducking, combining, etc.
- **Volume/Select 8** combines *Volume 8* & *Select 8* functions
- control functions programmed in system software design

- control functions can be made to change along with presets
- 1000' cable length per Audia/Nexia device control bus
- various Audia/Nexia controls allowed on same system bus
- fit standard US size back-boxes (available separately)
- printable labels included (template available on CD & web)
- **RoHS** compliance
- covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

Volume 8: The control panel shall provide a push-button rotary encoder and LED indicators, mounted on a single-gang brushed-aluminum electrical plate. The control panel shall fit most standard US single-gang back-boxes (available separately). The control panel shall provide programmable remote control of volume functions for Biamp's Audia® or Nexia® products. The control panel shall be compliant with EU Directive 2002/95/EC, the RoHS directive. Warranty coverage shall be five years. The control panel shall be a BIAMP Volume 8.

Select 8: The control panel shall provide a push-button rotary encoder and LED indicators, mounted on a single-gang brushed-aluminum electrical plate. The control panel shall fit most standard US single-gang back-boxes (available separately). The control panel shall provide programmable remote control of selection functions for Biamp's Audia® or Nexia® products. The control panel shall shall be compliant with EU Directive 2002/95/EC, the RoHS directive. Warranty coverage shall be five years. The control panel shall be a BIAMP Select 8.

Volume/Select 8: The control panel shall provide two push-button rotary encoders and LED indicators, mounted on a two-gang brushed-aluminum electrical plate. The control panel shall fit most standard US double-gang back-boxes (available separately). The control panel shall provide programmable remote control of both volume and selection functions for Biamp's Audia® or Nexia® products. The control panel shall be compliant with EU Directive 2002/95/EC, the RoHS directive. Warranty coverage shall be five years. The control panel shall be a BIAMP Volume / Select 8.

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APPLICATIONS

room combining	-	remote selection of room combinations, based on preset configurations or moveable partitions, with automatic combining of volume functions
A/V conferencing	-	individual source volume control and selection of room mode presets (i.e. conferencing or video playback)
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

SPECIFICATIONS

Dimensions (H x W x D)
Volume 8	-	4.5" x 2.75" x 1.15" (114.3mm x 69.85mm x 29.21mm)
Select 8	-	4.5" x 2.75" x 1.15" (114.3mm x 69.85mm x 29.21mm)
1-gang surface back-box	-	4.625" x 2.875" x 1.375" (117.48mm x 73.03mm x 34.93mm)
Volume / Select 8	-	4.5" x 4.55" x 1.15" (114.3mm x 115.57mm x 29.21mm)
2-gang surface back-box	-	4.75" x 4.75" x 1.375" (120.65mm x 120.65mm x 34.93mm)

power consumption
Volume 8	-	600mW @ 12~24 Volts DC (from Audia/Nexia device)
Select 8	-	650mW @ 12~24 Volts DC (from Audia/Nexia device)
Volume / Select 8	-	800mW @ 12~24 Volts DC (from Audia/Nexia device)

controls per system device	-	32 (Audia); 12 (Nexia); any combination of RCB controls
control cable requirements	-	5-wire data grade (95~120 ohm nominal impedance) (16 pF/ft. max. capacitance) (65% min. velocity of prop.) *recommended cables*: Gepco 18/22AXL, Liberty AXLINK, Liberty CRESNET, or equivalent
control cable length	-	1000 feet / 300 meters (overall per Audia/Nexia device)
control bus wiring	-	single daisy-chain (system device in center or at one end)
control programming	-	each control configured for specific operation by means of drag & drop icons within the system design software
compliance	-	EU Directive 2002/95/EC, the RoHS directive