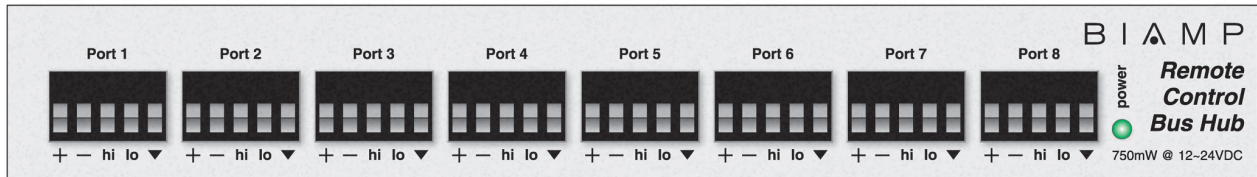




Remote Control Bus Hub



The Remote Control Bus Hub provides eight parallel ports for the connection of remote control devices to an Audia® or Nexia® system. Each port can accept multiple remote controls connected in a 5-wire daisy-chain. A single Hub, connected to a single Audia or Nexia unit, allows multiple branches to be added to the remote control network. The Remote Control Bus Hub can be used with any combination of control devices, including *Volume 8*, *Select 8*, *Volume/Select 8*, *Logic Box*, and *Voltage Control Box*.

FEATURES

- eight parallel ports on 5-wire plug-in barrier-strip connectors
- allows multiple daisy-chain branches on a control network
- any combination of Audia/Nexia controls on each branch
- cable length extended to sum of two longest branches
- convenient key-hole mounting (local power not required)
- **RoHS** compliance
- covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The control bus hub shall provide eight parallel ports, on 5-wire plug-in barrier-strip connectors, for connection of remote control devices to Audia® or Nexia® systems. The control bus hub shall allow multiple daisy-chain branches on a control network. Each branch shall be capable of accepting any combination of Audia/Nexia control types, including Volume 8, Select 8, Volume/Select 8, Logic Box, and Voltage Control Box. The control bus hub shall allow maximum cable length of 1000' to be determined as only the sum of the two longest branches in the network. The control bus hub shall include key-hole mounting, and shall require no local power source. The control bus hub shall be compliant with EU Directive 2002/95/EC, the RoHS directive. Warranty coverage shall be five years.

The control bus hub shall be a BIAMP Remote Control Bus Hub.

SPECIFICATIONS

| | | |
|-----------------------------------|---|---|
| dimensions (H x W x D) | - | 1.464" x 10.575" x 3.25" (37.19mm x 268.6mm x 82.55mm) |
| power consumption | - | 750mW @ 12~24 Volts DC (from Audia/Nexia device) |
| controls per system device | - | 32 (Audia); 12 (Nexia); any combination (includes RCB Hub) |
| control cable requirements | - | 5-wire data grade (95~120 ohm nominal impedance) (16 pF/ft. max. capacitance) (65% min. velocity of prop.) <i>recommended cables:</i> Gepco 18/22AXL, Liberty AXLINK, Liberty CRESNET, or equivalent |
| control cable length | - | 1000 feet / 300 meters (sum of longest two hub branches) |
| control bus wiring | - | single daisy-chain (with final device terminated) per branch |
| compliance | - | EU Directive 2002/95/EC, the RoHS directive |

EXAMPLE CONTROL SYSTEMS

