DATA SHEET
TesiraCONNECT™ TC-5D
ROOM CONNECTION DEVICE WITH DANTE™

TesiraCONNECT™ TC-5D serves as the central connection point for all Biamp® and Dante™ devices in a conference room. It simplifies installations by providing power and media over a single category cable between devices such as Tesira AVB DSPs, USB extenders, PoE+ amplifiers and microphones as well as 3rd party Dante devices. Four of the five Gigabit RJ-45 ports provide PoE+ power (IEEE 802.3at Class 4, 30W) to connected endpoints, while the remaining RJ-45 port is used for DSP connection or daisychaining TesiraCONNECT devices together. TC-5D eliminates the need for third-party switches; it works out-of-the-box with Tesira and Dante products and does not require any device configuration. The small form factor allows it to be easily mounted to a wall or under a table, or placed above the ceiling or inside a credenza in the conference room.

FEATURES

- Five 1 Gbps RJ-45 ports
- Four ports support PoE+ power (IEEE 802.3at Class 4, 30W)
- Up to 4 TesiraCONNECT devices can be daisychained together
- Supports upto 32x32 channels of Dante audio
- Auto-detects media network on each port
- Front panel LEDs indicate port connections, device status, and fault conditions
- Fault reporting and device monitoring supported in SageVue™
- Supports Dante Domain Manager
- Dante routing configured in Dante Controller
- Out-of-the-box compatibility with Biamp AVB products and Dante products
- External universal power supply with locking power connector
- Evaluated to the requirements of UL 2043 and is suitable for use in air handling spaces
- CE marked, UL listed, and RoHS compliant
- Covered by Biamp Systems' five-year warranty

ARCHITECTS & ENGINEERS SPECIFICATIONS

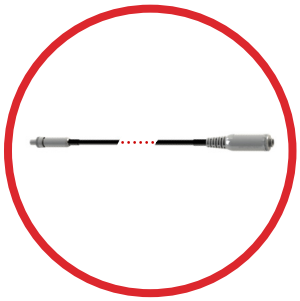
The room connection device shall be designed exclusively for use with Biamp® Tesira® systems. The room connection device shall support two-way transmission of media and control signals via RJ-45 connectors. The room connection device shall support data transmission speeds of 100Mb per second and 1Gb per second on all RJ-45 ports. The room connection device shall support connections to up to four media network endpoints using either Biamp AVB or Dante; each of the four RJ-45 ports shall support PoE+ power (IEEE 802.3at Class 4, 30W). One RJ-45 port on the room connection device shall support device daisychaining or direct connection to a digital signal processor (DSP). The room connection device shall be CE marked, UL listed, and shall be compliant with the RoHS directive. Warranty shall be five years. The room connection device shall be TesiraCONNECT™ TC-5D.

TesiraCONNECT TC-5D SPECIFICATIONS

Connections:	
Number of Ports:	5
Connector Type:	RJ-45
Supported Connection Speeds:	100Mbps, 1Gbps
Number of PoE+ Powered Ports:	4
Supported IEEE Protocols:	802.1, 802.1at, 802.1w, 802.1AS, 802.1BA, 802.1Qav, 802.3ab, 802.3af, 803.3u
Total PoE Power Budget:	120W
Indicators:	
Front Panel:	Power, Device Status, Fault, Port Status (per port)
Rear Panel (per port):	Link, Activity
Maximum Number of AVB Streams:	150
Maximum Number of Dante Channels:	32x32
Maximum Daisychain Device Count:	4
Maximum Number of Supported Endpoints:	13
Power Consumption (100-240VAC 50/60Hz):	< 132W

Cooling:	Convection
Overall Dimensions:	
Height:	1.1 inches (28 mm)
Width:	5.8 inches (147 mm)
Depth:	5.8 inches (147 mm)
Weight:	1.5 lbs (0.7 kg)
Environmental:	
Ambient Operating Temperature Range:	32 - 104° F (0 – 40° C)
Humidity:	0-95% relative humidity (non-condensing)
Altitude:	0-6,600 ft (0-2000m) MSL
Compliance:	
	FCC Part 15B (USA) UL and C-UL listed (USA and Canada) CE Marked (Europe) RoHS Directive (Europe) Evaluated to the requirements of UL 2043 and is suitable for use in air handling spaces

OPTIONAL ACCESSORIES



PEX
50 ft (15m) power extension cable

TesiraCONNECT Bracket
Under table mounting bracket

biamp.
A: 9300 S.W. Gemini Drive Beaverton, OR 97008 USA T: +1 503.641.7287 W: www.biamp.com