DATA SHEET
TESIRA® DAN-1
DIGITAL AUDIO NETWORKING CARD

The Tesira DAN-1 is an optional digital audio networking card for Tesira SERVER or SERVER-IO that allows them to interface with other audio devices utilizing the Dante™ networking protocol from Audinate®. The DAN-1 card can be factory installed or installed in the field. Featuring the Brooklyn II Module, the DAN-1 allows for up to 64 x 64 channels of digital audio into and out of a Tesira system. Explicit input and output blocks in Tesira configuration software are available for signal routing in and out over the Dante protocol. DAN-1 can be installed in a SERVER alongside the AVB-1 Audio Video Bridging networking interface, and can also be installed in SERVER-IO in various combinations with AVB-1 and SCM-1 CobraNet® cards, making the Tesira platform a very powerful protocol-bridging AVB system.

BENEFITS

- Provides additional digital audio networking over the Dante protocol
- Expands the processing benefits of Tesira to third-party systems
- Factory or field installed
- Modular I/O cards can be combined in both the Tesira SERVER and Tesira SERVER-IO
- Simultaneous operation with CobraNet, AVB, and Dante protocols

FEATURES

- 64 x 64 channels of Dante networking
- Dual RJ-45 connections for primary and secondary
- Up to 32 x 32 simultaneous flows
- Explicit Dante input and output blocks in Tesira software

- Can be installed in conjunction with AVB-1 and SCM-1 cards
- System configuration and control via Ethernet
- RoHS compliant and AES grounded
- Covered by Biamp Systems' 5-year warranty

ARCHITECTS & ENGINEERS SPECIFICATION

The digital audio networking card shall be designed for installation at the factory or in the field. The card shall be installable into Tesira SERVER or Tesira SERVER-IO. The card shall be equipped with dual RJ-45 connectors allowing for interface with devices utilizing the Dante™ networking protocol from Audinate®. The card shall be equipped with one Brooklyn II Module for up to 64 x 64 channels of Dante digital audio transmission. The card shall operate in a single chassis or over a larger Tesira system in conjunction with other digital networking protocols including CobraNet® and AVB. The card shall be addressable by Audinate's Dante Control software for signal routing external to the Tesira system. The card shall meet all performance criteria as specified by Audinate for the Brooklyn II Module. The card shall incorporate AES48-2005 Grounding and EMC practices and shall be compliant with the RoHS Directive. Warranty shall be five years. The card shall be Tesira DAN-1.

TESIRA DAN-1 SPECIFICATIONS

Audio Channels In/Out:	Up to 64 x 64	Compliance:	
Sample Rate:	48kHz		AES48-2005 Grounding and EMI practices
Audio Flows In/Out:	Up to 32 x 32, Simultaneous		RoHS Directive (Europe)