



Dante/AD596 Option User Guide

revised 080315js

A Dante™ network is required to connect to. Please refer to <https://www.audinate.com/resources/technical-documentation> for the current Dante Controller User Guide.

Sample rates up to 96kHz are supported by the Dante/AD 596 option. The default for the Dante 596 is 48K. Use the Dante controller software in your system to select the desired sample rate.

Clocking is determined by the Dante controller software.

The Dante/AD596 is a Tx (transmit) device only.

Primary Connection – Use this for the main Dante network connection

Secondary Connection – Use this for redundant network configurations. Do not mix Primary and secondary connections within the same network.

Indicator LEDs – The left LED on the connector indicates the connection is active and when blinking shows the unit is active on the network. The right LED indicates illuminates if the unit is connections to a 1Gbps network. Off indicates it is connected to a 100Mbps network.

FCC Notice Information for the User

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with this instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his or her own expense.

Option	Supported
Latency Monitoring	Yes
Latency Range	150uS-5mS
Identify a device by flashing LEDs	No
Enable Sync to external Clock	No
Transmit Channels	8
Receive Channels	No
16 bit data	Yes
24 bit data	Yes
32 bit data	No

Option	Supported
Master Clock enable	Yes
Slave Clock enable	Yes (Default)
External Clock	No
Sample Rate Pull up/down	No
VLAN	No
Multicast	Yes
44.1K data Rate	Yes
48K data Rate	Yes (Default)
88.2K data rate	Yes
96K data rate	Yes
176K Data Rate	No
196K Data Rate	No
Redundant LAN	Yes (Default)
Switched LAN	Yes
Static IP	Yes
DHCP IP	Yes (Default)
Bit rate change without reboot	Yes
Per Channel Encoding	No
Device Encoding	Yes
Signal Metering	No
Unit Labeling	Yes
Channel Labeling	Yes
Supports 8 channels Tx /Flow	Yes
Up to 32 Unicast/Multicast Flows	Yes

Warranty

Millennia Media will repair this product, free of charge, for products sold in the USA and Canada, in the event of defect of materials or workmanship for one (1) year following date of purchase. A proof of purchase is required. If there is not a valid proof of purchase, the warranty period will begin from the manufacturing date located on the serial number sticker on the product. This warranty is extended only to the original purchaser. This limited warranty covers failures due only to defects in materials and workmanship that occur during normal, intended use and does not cover damage which occurs in shipment or failures which are caused by products not supplied by Millennia. This limited warranty does not cover failures which arise from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, improper adjustment, incompatibilities, line-power surges, acts of God, or service performed by anyone other than Millennia or its authorized agent. Vacuum tube failures and light bulbs are not covered under warranty.

To obtain warranty service, contact the factory at support@mil-media.com to obtain a Return Authorization (RA) form. Please include your shipping address, daytime phone number and description of the problem.

Limits and Exclusions – There are no express warranties except as listed above. Millennia shall not be liable for special, subsequent, incidental, consequential, or punitive damages, including, but not limited to: damage to recordings, broadcasts, microphones, mixing consoles, or any associated equipment, downtime costs, loss of goodwill, or claims of any party dealing with purchaser for such damages resulting from the use of this product. All warranties express and implied, including the warranties of merchantability and fitness for a particular purpose are limited to the applicable warranty period set forth above.

Some states do not allow the exclusion or limitation of incidental or consequential damages, or length of time an implied warranty remains in effect. As such, the above exclusions may not apply. This warranty gives you specific legal rights and you may also have other rights which can vary from state to state.

Export Units

Products purchased from authorized distributors will have a warranty period of two years from the manufacturing date located on the serial number sticker on the product. Warranty services will be provided by the authorized distributor and are subject to local laws.

Discarding Units

In the event that any Millennia equipment manufactured after July 1, 2006 needs to be discarded, you must return it to Millennia, at our headquarters in California, USA. Please contact the distributor in your country or Millennia directly for instructions. We will make arrangements to have the equipment shipped to us at no cost to you, and we will dispose of it in a manner that complies with whatever regulations are in existence at that time.