

KLARKTEKNIK

DANTE64 Adnate
Dante Network
Module



KLARK TEKN DANTE64 Adnate Dante Network Module User Guide

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KLARK TEKN DANTE64 Adnate Dante Network Module



Introduction

The KT-DANTE64 network module provides Audinate Dante compatibility for the Klark Teknik DN9650 and DN9652 Network Bridges, and features up to 64 or 32 bidirectional channels at 48 kHz or 96 kHz respectively. KT-DANTE64 offers high performance direct-to-computer audio recording, flexible routing and true Plug and Play technology with low latency, low jitter and sub-microsecond synchronisation. Dante is Internet Protocol (IP)

compliant which allows operation over conventional Ethernet networks running on off-the-shelf computer networking hardware, and does not require dedicated network infrastructure.

Safety Instruction

1. Please read and follow all instructions.
2. Keep the apparatus away from water, except for outdoor products.
3. Clean only with a dry cloth.
4. Do not block any ventilation openings. Install in accordance with the manufacturer's instructions.
5. Do not install near any heat sources such as radiators, heat registers, stoves or other apparatus (including amplifiers) that produce heat.
6. Use only attachments/accessories specified by the manufacturer.
7. Use only specified carts, stands, tripods, brackets, or tables. Use caution to prevent tip-over when moving the cart/apparatus combination.
8. Avoid installing in confined spaces like bookcases.
9. Do not place near naked flame sources, such as lighted candles.
10. Operating temperature range 5° to 45°C (41° to 113°F).

Installation

Before you install the KT-DANTE64 card in the expansion slot of your console, you must check klarktechnik.com to verify whether the console firmware supports that card. We recommend that you periodically check your console's product page for console firmware updates.

CAUTION: before installing the KT-DANTE64 card into the console, you must make sure that the console's power switch is turned off. Malfunctions or electrical shock may occur otherwise.

To install an interface I/O card:

1. Make sure that the host unit's power is turned off.
2. Loosen the 2 screws that fasten the slot, then remove the slot cover and keep it in a safe place.
3. Before removing the KT-DANTE64 card from its protective bag, we recommend touching the grounded metal chassis of the console to prevent electrostatic discharges affecting the sensitive electronic components. It is generally a good idea to hold the card either by the face plate or by the two small handles, but never touching the components on the circuit board directly.
4. Align both edges of the card with the guide rails inside the slot and carefully insert the card into the slot. Push the card all the way into the slot to ensure that the contacts of the card are correctly inserted into the connector inside.
5. Fasten the card using the included screws. Be aware that damage or malfunctions may occur if the card is not fastened.



Connector Plate



- Audinate Dante network module for Klark Teknik DN9650 and DN9652 network bridges and Midas NEUTRON-NB expansion module
- Compatible with Klark Teknik DN9650 and DN9652 network bridges and Midas NEUTRON-NB expansion module
- Enables multichannel recording and playback through Dante Virtual Soundcard (PC or Mac computer)
- Primary and secondary Ethernet interfaces for dual-redundant Dante networking
- Operates from internal Dante network Precision Time Protocol (PTP) clock or external clock via host unit
- Optional Dante Controller software for remote configuration (PC or Mac computer)
- LED indicators monitor network activity and speed

Specifications

Connectors	
Primary/secondary	2 x RJ45
Input/Output Characteristics	
Channels of input/output @ 48kHz	64, bidirectional
Channels of input/output @ 96kHz	32, bidirectional
Sample rates	48 / 96 kHz
Sample word length	24-bit
Clock synchronization	Internal Dante network clock / external via host, selectable

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

- (1) this device may not cause harmful interference, and
- (2) this device must accept any interference received, including interference that may cause undesired operation.

Important information

Changes or modifications to the equipment not expressly approved by Music Tribe can void the user's authority to use the equipment.

Hereby, Music Tribe declares that this product is in compliance with General Product Safety Regulation (EU) 2023/988, Directive 2014/30/EU, Directive 2011/65/EU and Amendment 2015/863/EU, Directive 2012/19/EU, Regulation 519/2012 REACH SVHC and Directive 1907/2006/EC.

Full text of EU DoC is available at <https://community.musictribe.com/>

EU Representative: Music Tribe Brands DK A/S

Address: Gammel Strand 44, DK-1202 København K, Denmark


UK Representative: Music Tribe Brands UK Ltd.

Address: 8th Floor, 20 Farringdon Street London EC4A 4AB, United Kingdom







Correct disposal of this product: This symbol indicates that this product must not be disposed of with household waste, according to the WEEE Directive (2012/19/EU) and your national law. This product should be taken to a collection center licensed for the recycling of waste electrical and electronic equipment (EEE). The mishandling of this type of waste could have a possible negative impact on the environment and human health due to potentially hazardous substances that are generally associated with EEE. At the same time, your cooperation in the correct disposal of this product will contribute to the efficient use of natural resources. For more information about where you can take your waste equipment for recycling, please contact your local city office, or your household waste collection service.

Documents / Resources

	<p>KLARK TEKN DANTE64 Adnate Dante Network Module [pdf] User Guide DANTE64 Adnate Dante Network Module, DANTE64, Adnate Dante Network Module, Dante Network Module, Network Module</p>
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References

-  [Klark Teknik | Home](#)
-  [Music Tribe](#)
-  [Klark Teknik | Product | DN9652](#)
-  [Midas | Not Found](#)
- [User Manual](#)

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