

Network Modules

KT-MADI

MADI Network Module with up to 64 Bidirectional Channels

- MADI (AES10-compliant) network module with up to 64 bidirectional channels @ 48 kHz and 32 bidirectional channels @ 96 kHz
- Compatible with KLARK TEKNIK DN9650 and DN9652 network bridges and MIDAS NEUTRON-NB expansion module
- Operates up to 500 m over optical fibre link and 200 m over coaxial copper link
- Optical transmission on SC-Duplex* connector
- Copper transmission on 75 ohm coaxial BNC connectors
- Dual-redundant operation with failover from optical to copper connections
- Operates as either MADI clock master, MADI clock slave or from external clock via host unit
- 10-Year Warranty Program*
- Designed and engineered in the U.K.



The KT-MADI network module provides MADI 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-MADI offers high performance point-to-point links over both industry standard optical fibre and coaxial copper connections, and is ideally suited to interface with third party recording and playback equipment.



KT-MADI features dual redundant operation with automatic failover to the coaxial copper interface in the event of a failure with the optical fibre interface.

The KT-MADI network module can act as MADI clock master, MADI clock slave or can synchronise to one of the available external clock sources in either the [DN9650](#) or [DN9652](#) host unit.

KT-MADI is electrically and mechanically compatible with the industry standard Cirrus CM-1 format.

*All third-party trademarks are the property of their respective owners. Their use neither constitutes a claim of the trademark nor affiliation of the trademark owners with MUSIC Tribe. Product names are mentioned solely as a reference for compatibility, effects and/or components. Warranty details can be found at musictribe.com.

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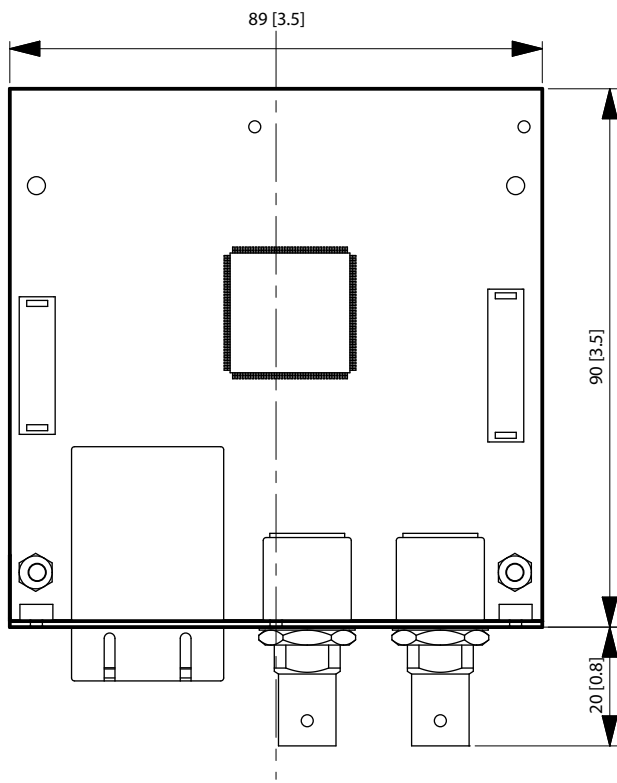
You Are Covered

We always strive to provide the best possible Customer Experience. Our products are made in our own [MUSIC Tribe](#) factory using state-of-the-art automation, enhanced production workflows and quality assurance labs with the most sophisticated test equipment available in the world. As a result, we have one of the lowest product failure rates in the industry, and we confidently back it up with a generous [Warranty program](#).

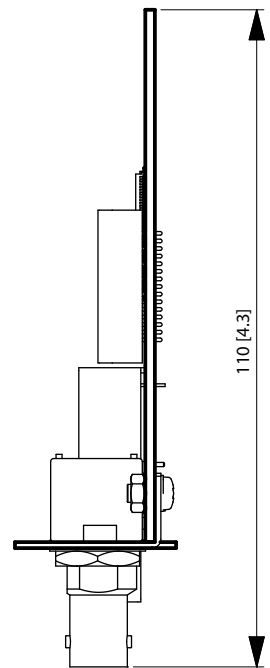
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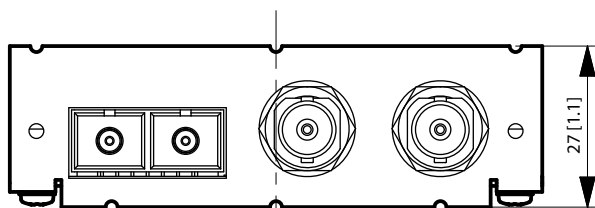
Dimensions



TOP



SIDE



CL
FRONT

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Technical Specifications

System

Module format	Cirrus CM-1 compatible
Sample rates	48 kHz, 96 kHz
Audio channels (48kHz)	Up to 64 bidirectional channels
Audio channels (96kHz)	Up to 32 bidirectional channels
Clock source	MADI clock master, MADI clock slave or external word clock

Optical fibre interface Transmit, Receive

Connector type	SC-Duplex
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Coaxial copper interface Transmit, Receive

Connector type	75 Ω BNC Dimensions
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Dimensions

Height	31 mm (1.2")
Width	110 mm (4.3")
Depth	89 mm (3.5")

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Architecture & Engineering Specifications

The network module shall conform to the electrical and mechanical specifications of the Cirrus CM-1 format to provide the third party network module interface.

The network module shall provide a MADI interface and conform to the Audio Engineering Society AES10-2008 standard.

The network module include both coaxial copper and optical fibre interfaces and shall support redundant failover from the optical to copper interface.

The network module shall include an SC-Duplex connector for the optical interface and 75 Ω BNC connectors for the coaxial copper interface

The network module shall have provision to select its clock source as MADI clock master, MADI clock slave or from external clock via host unit CM-1 interface.

The network module shall be 110 mm wide x 89 mm deep x 31 mm high (4.3" x 3.5" x 1.2"). The network module shall be installed in either a [KLARK TEKNIK DN9650 Network Bridge](#) or [DN9652 Dual Network Bridge](#).

The network module shall be the [KLARK TEKNIK KT-MADI](#) and no other alternative shall be acceptable.

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