

## OMNITRONIC NAT-16IN Audio transmitter

CobraNet(TM) audio network transmitter

Réf. : 10356440

GTIN: 4026397280777



**L'article n'est plus disponible.**

### Description:

CobraNet(TM) Audio network technology

Developed by Peak Audio, CobraNet(TM) technology allows real-time uncompressed digital audio distribution over industry standard 100Base-T Ethernet networks. Based on the Ethernet-MAC-protocol, it is possible to reach an isochronous, i. e. a highly reliable datastream with very low latency and a bandwidth of 100 Mbit/s.

CobraNet(TM) technology allows the transport of isochronous datastreams required by audio and video applications in 10 and 100 MBit Ethernet networks where an upgrade to e.g. 1 GBit is always possible. Additionally, CobraNet(TM) technology can carry asynchronous control data without conflict to the isochronous data.

Up to 64 channels (20 Bit/48 kHz) can be carried simultaneously over a category 5 cable. CobraNet(TM) currently supports a 48 kHz sampler frequency with a 16, 20, or 24 bitrate. A respectively configured network can handle up to 3000 audio channels. When using category 5 cables, a maximum cable-length of 100 m should not be exceeded.

As CobraNet(TM) consists of standard Ethernet-components available in the IT retail business, high quality products can be bought at a competitive price.

CobraNet(TM) devices can coexist with networked computers, printers, etc. on a switched 100Base-T Ethernet network, however, a dedicated network infrastructure is strongly recommended.

### Logistique

EAN / GTIN: 4026397280777

Poids: 9,40 kg

Longueur: 0.55 m

Largeur: 0.46 m

Hauteur: 0.24 m

## Caractéristiques:

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- Real-time audio transmission of the CobraNet(TM) signal
- 16 analog input channels (bal.)
- CobraNet(TM) and Ethernet connection port
- Independent MCU control for running the transmitter without a PC
- Every channel can be controlled independently
- Firmware can be updated via RS-232 port
- All setup parameters can be stored in permanent flash memory
- Redundant network connection
- Operation possible without PC after configuration
- Automatic adjustment to regional power supply systems
- Transmission of up to 64 channels (20 bit/48 kHz) via category 5 cable
- 48 kHz sampler frequency with a bitrate of 20
- Maximum cable length 100 m (category 5 cables)
- Incl. mounting brackets for 483 mm rack installation (19") (2 U)

## Données techniques:

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|-----------------------------------|-----------------------------------------------------------|
| Alimentation électrique:          | 100-240 V CA, 50/60 Hz                                    |
| Puissance totale de raccordement: | 30,00 W                                                   |
| Dimension:                        | Largeur : 43 cm<br>Profondeur : 33 cm<br>Hauteur : 8,9 cm |
| Poids:                            | 7,40 kg                                                   |
| DSP capability:                   | 200 MIPS, 40 bit floating point                           |
| 2 RJ-45 network connectors:       | according to IEEE 802.3 standards                         |
| 2 RS-232 connectors:              | type D (9 pins)                                           |
| Analog audio inputs:              |                                                           |
| Number of channels:               | 16 (XLR, bal.)                                            |
| Sampler frequency:                | 48 kHz                                                    |
| Quantization resolution:          | 20 Bit                                                    |
| THD:                              | 0.005 % (+4 dBu)                                          |
| Dynamic range:                    | 103 dBA                                                   |
| Input gain adjustment:            | 0-66 dBu                                                  |
| Maximum input level:              | +21 dBu (bal.)                                            |
| Input impedance:                  | 20 kohms                                                  |
| Analog audio outputs:             | -                                                         |
| Dimensions:                       | 430 x 89 x 330 mm                                         |
|                                   | Rack installation with 2 U with brackets                  |