



KLARK TEKNIK 2-Channel Dante Audio Receiver Transmitter High Performance Networking User Manual

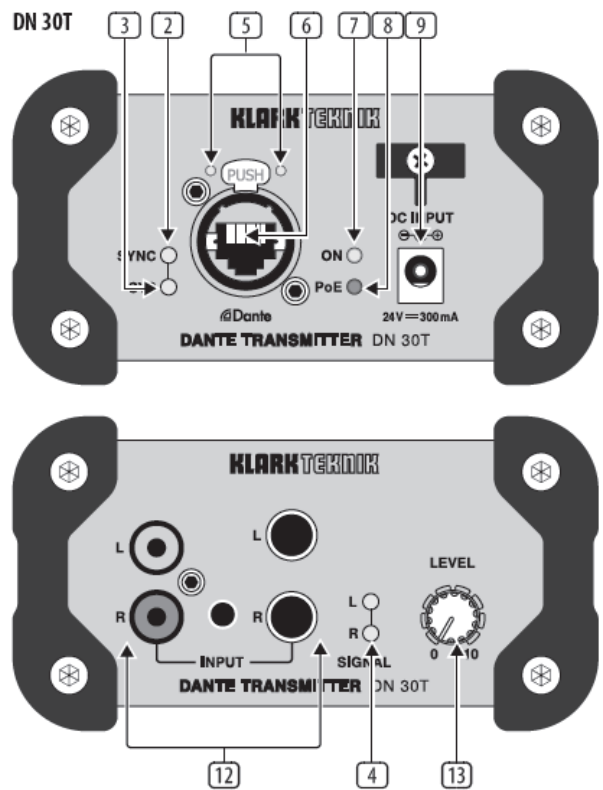
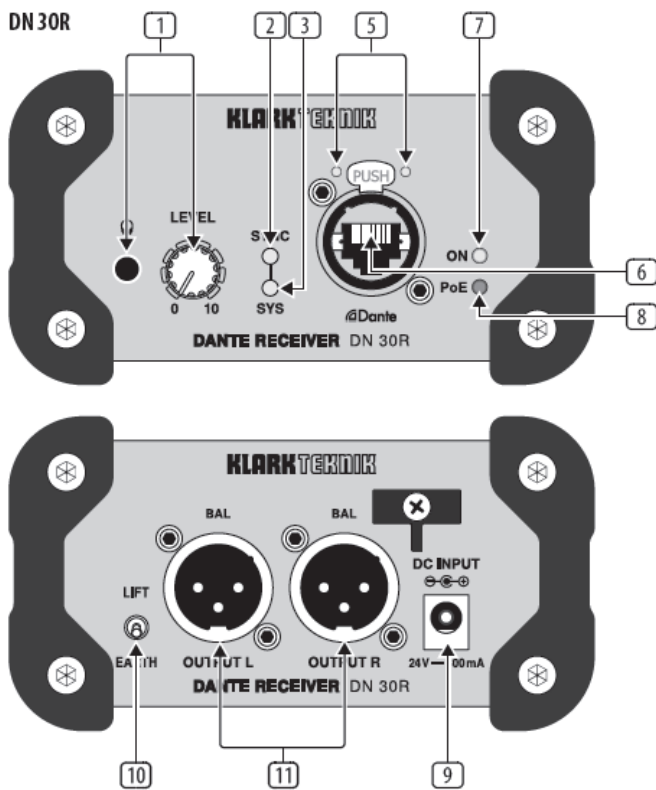
[Home](#) » [Klark Teknik](#) » KLARK TEKNIK 2-Channel Dante Audio Receiver Transmitter High Performance Networking User Manual 

Contents

- [1 KLARK TEKNIK 2-Channel Dante Audio Receiver/ Transmitter for High-Performance Networking User Manual](#)
- [2 Specifications](#)
- [3 LEGAL DISCLAIMER](#)
- [4 LIMITED WARRANTY](#)
 - [4.1 FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION](#)
- [5 DN 30T/DN 30R](#)
- [6 Caution!](#)
- [7 Documents / Resources](#)
- [8 Related Posts](#)

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DN 30T/DN 30R



1. **Headphone output** – Connect a pair of headphones via 1/8" TRS cable. The volume can be adjusted with the adjacent LEVEL knob.
2. **SYNC LED** – The LED will light red when the unit is powered on, and light green when the unit is connected to an Ethernet network. A flashing green LED indicates that the unit is in master clock mode, and solid green indicates slave mode.
3. **SYS LED** – The LED will light red while the unit is booting up. Once Dante becomes active, the LED will light green.
4. **SIGNAL LEDs** – The left and right LEDs will light green when signal is present on each channel. The LEDs will light red when the input signal approaches clipping.
5. **ETHERCON LEDs** – The left LED lights green to indicate data traffic, and the right LED lights to indicate successful Ethernet connection.
6. **ETHERCON port** – Connects the unit to a Dante network via CAT5e or CAT6 cable. Power can also be supplied via this connection.
7. **ON LED** – Lights when power is connected via the included 24 V power adapter.
8. **PoE LED** – Lights when the unit is receiving power via the Ethernet port.
9. **DC INPUT** – Connect the included power adapter if you don't plan to use PoE.
10. **EARTH LIFT** – Removes the ground/earth connection to remove unwanted noise.
11. **OUTPUT L/R** – Connect to a mixing console or audio interface via balanced XLR cables.
12. **INPUTS** – Connect an audio source via balanced or unbalanced 1/4" cables, RCA cables, or a stereo 1/8" cable. All inputs are wired in parallel with one another.
13. **LEVEL** – Adjusts the level of all input jacks. Start with the knob at the center 12:00 position and turn up if more signal is needed. Turn the knob down if the SIGNAL LEDs light solid red.

Specifications

| DN 30R | | DN 30T |
|------------------------|---|--|
| Connectors | | |
| Ethernet | 1 x RJ45 | 1 x RJ45 |
| Analogue audio inputs | — | 2 x ¼" TRS, 40 kΩ balanced, 20 kΩ unbalanced 2 x RCA, 20 kΩ unbalanced 1 x ⅛" TRS stereo, 20 kΩ unbalanced |
| Max. input level | — | +22 dBu (sensitivity 0 dBu) |
| Analogue audio outputs | 2 x XLR, 75 Ω balanced ⅛" TRS, stereo, 20 Ω unbalanced | — |
| Max. output level | +22 dBu | — |
| Phones | 1 x ⅛" TRS, stereo | — |
| Controls | | |
| Level | 0 to -∞ dBu, adjustable (phones only) | Sensitivity -20 to +20 dB, adjustable |
| LED indicators | Sync, Sys, On, PoE | Signal, Sync, Sys, On, PoE |
| System | | |
| Frequency response | 20 Hz to 20 kHz (±0.1 dB) | |
| THD + N @ 1 kHz | 0.0015% unweighted | 0.0014% unweighted |
| Signal-to-noise ratio | 98 dB | 97 dB |
| Sample rate | 44.1, 48, 88.2, 96 kHz | |
| Dynamic range | 116 dB unweighted | |
| Crosstalk LR | -110 dB | -100 dB |
| Power adapter | 24 V DC, 300 mA, center positive | |
| Physical | | |
| Dimensions (H x W x D) | | |
| Without bumpers | 54 x 108 x 103 mm (2.1 x 4.3 x 4.1") | |
| With bumpers | 63 x 118 x 112 mm (2.5 x 4.6 x 4.4") | |
| Weight | 0.7 kg (1.5 lbs) | |

LEGAL DISCLAIMER

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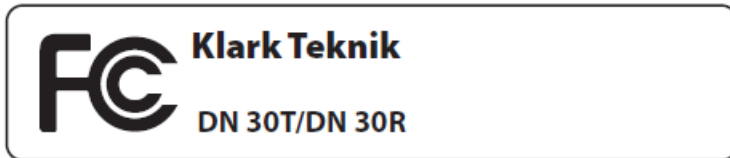
LIMITED WARRANTY

For the applicable warranty terms and conditions and additional information regarding Music Tribe's Limited Warranty, please see complete details online at musictribe.com/warranty.

Zhongshan Eurotec Electronics Limited

No. 10 Wanmei Road, South China Modern Chinese Medicine Park, Nanlang Town,
528451, Zhongshan City, Guangdong Province, China

FEDERAL COMMUNICATIONS COMMISSION COMPLIANCE INFORMATION



Responsible Party Name: **Music Tribe Commercial NV Inc.**

Address: **5270 Procyon Street
Las Vegas, NV 89118**

Phone Number: **+1 702 800 8290**

DN 30T/DN 30R

Complies with the FCC rules as mentioned in the following paragraph:

This equipment has been tested and found to comply with the limits for a ClassB 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

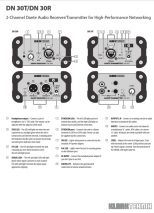
This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions:

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

Caution!

Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Documents / Resources



[KLARK TEKNIK 2-Channel Dante Audio Receiver Transmitter High Performance Network](#)
[ing](#) [pdf] User Manual

2-Channel Dante Audio Receiver Transmitter High Performance Networking, DN 30T, DN 30R