

iTrans HD-ARC

2CH ARC to Dante Converter

User Manual V1.0



1. INTRODUCTION

The **iTrans HD-ARC** is a 2CH ARC to Dante converter. It receives HDMI audio via ARC and communication with Dante via the Ethernet port. Users can control and distribute audio through the Dante Controller. Its compact and portable design makes it suitable for use in various scenarios.

2. FEATURES

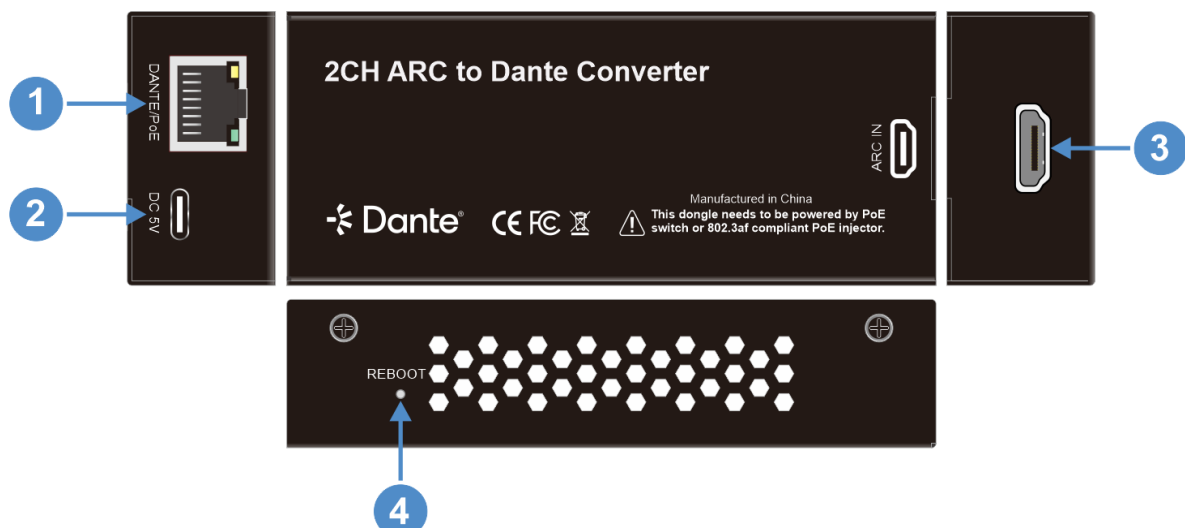
- HDMI ARC audio input.
- Supports AES67 protocol.
- Controllable via Dante Controller.
- Powered by PoE or DC 5V.

3. PACKING LIST

- 1 x iTrans HD-ARC
- 1 x User Manual

Note: Please contact your distributor immediately if any damage or defect in the components is found

4. PANEL DESCRIPTION



- ① DANTE/PoE: 1x RJ45, Dante network communication port. Green LED on means system ready. Green LED flash 4 times means the device is detected by the Dante Controller. Yellow LED flash means transfer data.
- ② DC 5V: 1 x USB-C, DC 5V 3A, power the device when PoE is not available.
- ③ ARC IN: 1x HDMI Female, only supports return PCM 2CH audio.
- ④ REBOOT: 1x pin-poke button, press it to reboot the device.

5. SPECIFICATION

Dante	
Sample Rate	44.1/48kHz
Bit Depth	24-bit
Protocol	Support AES67
Power	IEEE 802.3af PoE
Digital Audio	
Frequency Response	20Hz-20kHz, ± 0.5 dB (same sample rate)
THD+N	< 0.0001%@ 0 dBFS(same sample rate)
SNR	>160dB, A weighting
Crosstalk	<-140dB, A weighting
General	
Device Name	Dante Encoder
Power	DC 5V 3A
Operation Temperature	-5°C ~ +55°C
Storage Temperature	-25°C ~ +70°C
Power Consumption	1W
Dimension (L*W*H)	114 x 48 x 26 mm
Net Weight	175g

6. DIAGRAM

