BLOCK 4 | DANTE NETWORKED AUDIO INTERFACE

Block4 is a Dante-enabled digital audio switch combining 4 input and 4 output. Dante is a network protocol, which basses on the three-layer IP network technology, provides a low latency, high precision and low cost solution for point-to-point audio connection. Dante technology can apply to transmitting high precision clock signal and audio signal and can perform complex routing in Ethernet(100M or 1000M),to ensure a perfect sound effect; to solve the problem of complicated wiring of traditional audio transmission,reduce the cost. Adapt to the existing network,do not need to do special configuration.

Key Features

Flexible Configuration

- Connect directly to network via Ethernet cable-no need for expensive audio cable or soldering
- Powered by network PoE: PoE IEEE802.3af standard
- Easy operation, simple mechanical gain adjustment switch, clear working indicator
- 48V phantom power

Flexible Expandsion

- 4-channel analog audio output, equip with four indicator
- Equip with network connection indicator, network audio indicator, power indicator, reset switch
- RF anti-interference design.
- Solid alloy structure.

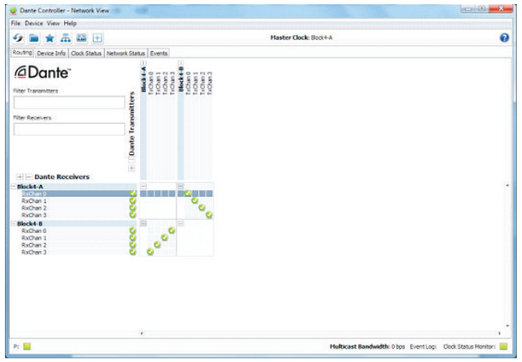
Product Specification

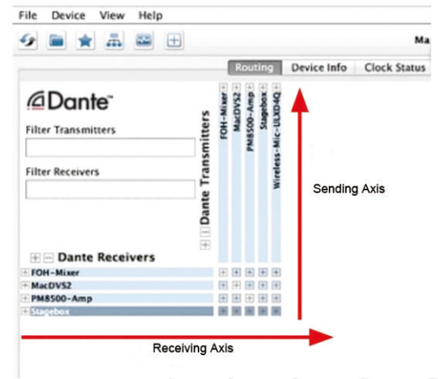
BLOCK 4

Dante Networked Audio Interface

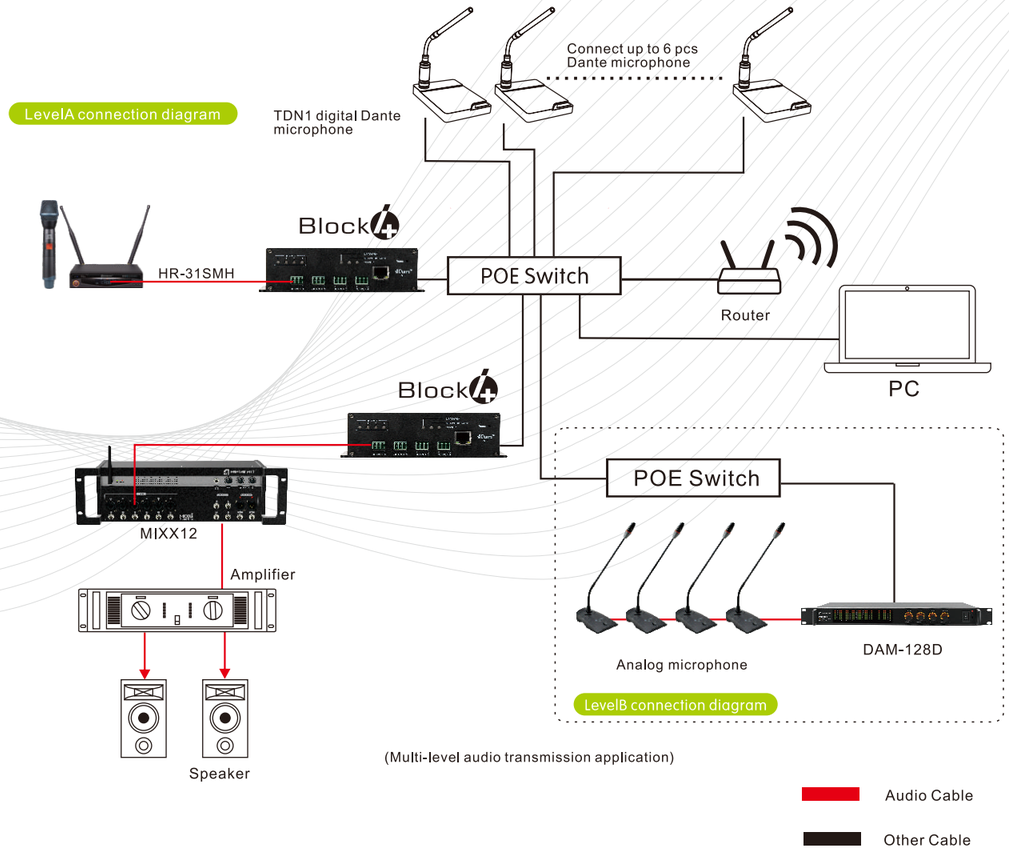
Maximum audio output level:	18dBV
Audio input gain:	Line ,0dB ,+15dB +25dB
Audio Interface :	Plug-in terminals (commonly known as Phoenix socket)
Audio Frequency Response:	20Hz ~ 20KHz ±2dB
Dynamic Range:	110dB
Signal-To-Noise Ratio:	108dB,1 kHz at 1 Pa
Power supply:	POE IEE802.3af standard, providing 48V phantom power for the device
Power consumption:	5W
Input impedance:	2.2KΩ
Output impedance:	600 Ω
Dimension:	165.7mm X 83.2mm X 44.3mm
Weight:	550g
DANTE Network:	RJ45 connector, CAT5 or CAT6 cable over 100 Mbps

System Connection Diagram





We need a Dante-enabled mixer, wireless microphone and power amplifier. All the equipment need to connect to the current switch board, all the Dante devices set to default. The connection is not complicated and no need professional knowledge, before connecting to the network switch board, just use the common CAT5 or CAT6 network cable to connect the primary port of Dante devices, then connect to any port of the 100M or 1000M switch board,(Remark: Dante can not run in WiFi environment, wired it relies on the stable network environment to transmit perfect audio)



(Multi-level audio transmission application)