User's Manual

Qtex

Dante 2 In 2 Out Audio Transmitter

QAI 2BY2iPOE

Specifications are subject to be changed without notice.

CE

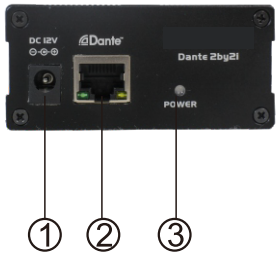
Features

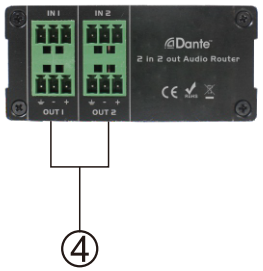
- Ideal interface to increase the number of microphones or AUX inputs
- 2 balanced line outputs can be used simultaneously, and all audio channels are used with Dante network.
- 2 balanced MIC/AUX inputs, and also 2 outputs using phoenix connector
- CAT5/6 connector to link with Dante network and controlledby Audinate
- Small size integrated mounting bracket which can be installed in very limited space

Basic function description

(1) QAI 2BY2iPOE interface machine is used for the signal conversion between analog audio signal and Dante digital audio.
(2)This processor supports 2-channel analog audio signal balanced input and output, including 2-channel Dante digital audio signal input and output of 1Dante devices.
(3)It is powered by DC12V, which can be used with 802.3af standard POE switch when adding POE splitter.

Diagram





1. Power socket, power supply
2. Dante network interface
3. Power indicator
4. Input and output audio interface

Model with "POE" comes with a POE splitter

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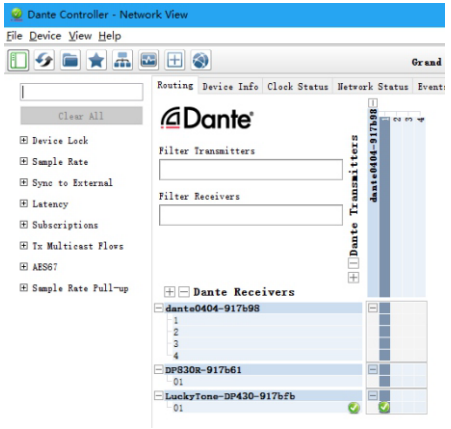
Use and operation steps

(1) Please follow the instructions in the interface description. You could connect the POE-powered switch or connect the external power adapter. It is normal power supply when the power indicator flashes.
Note: Do not use POE and power adapters at the same time.

(2)In the Dante audio network, each signal of the access network needs to be routed through the Dante Controller software. A one-to-one, one-to-n mapping operation of input to output within the Dante network can be implemented.
Note: The platform for Dante Controller software is Windows and IOS. Please select the appropriate software version according to your system platform.
Dante Controller windows download link:
https://we.tl/t-WFguMiCbFa

Dante Controller IOS download link:
https://we.tl/t-5PkFaMDrD2



Specification

MODEL	QAI 2BY2iPOE
Input	2 balanced/unbalanced input
Input Impedance	Greater than1800 Ω
Max. Input Level	+8dbu@ 0dB gain
Output	2 balanced/unbalanced output
Output Impedance	200Ω balance
Max. Output Level	+20dbu balance
Freq. Response	20~20 kHz, ±1dB
THD	Less than 0.02%
Power Requirements	12V DC or POE
Dimensions	123x75x35 mm