iSpeaker MD20
Dante Desktop Internet Microphone
Datasheet V1.0

Introduction

The iSpeaker MD20 is a desktop Internet microphone with Dante function. Using the PoE network connection, it provides a high quality sound pickup scheme with low latency and simple wiring.

Features

1. Cable Wired Gooseneck Dante microphone
2. Supercardioid single pointing
3. Capacitive
4. POE power supply
5. Frequency response: 100HZ-16khz
6. SNR: 65dB, 1 kHz
7. Power consumption :1.5W
8. Output interface: standard Ethernet interface, RJ45
9. DANTE network :100 Mbps or above CAT5 or CAT6 network
10. Power supply :PoE IEEE 802.3AF standard
11. Power supply mode: POE
12. Size of microphone rod: 42cm
13 pick up distance: 10-50cm
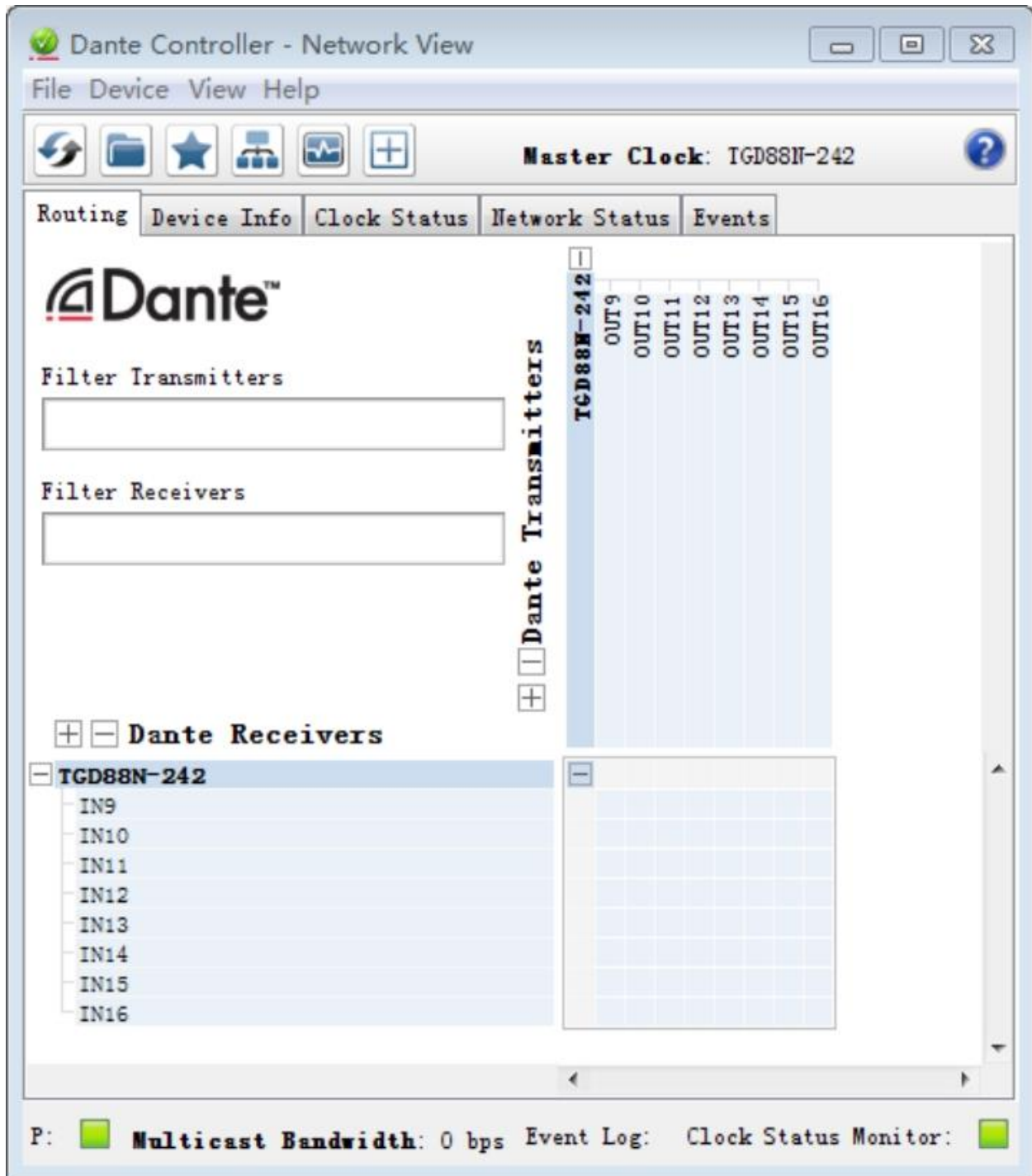14. Microphone sensitivity: -40dB

Connection

This device transmits audio signals and supplies power through a single network cable at the same time. Therefore, switches or other routing devices that support PoE power supply are required to be connected and use CAT5E or above standard cable.

(Please note that Dante does not run with a Wifi connection. We rely on a secure wired network to deliver perfect audio.) After power on, press the switch button. When the red indicator lights up, it will start to pick up the sound, and then press again to mute.

Software Control

After the network microphone is connected to Dante network, the signal routing needs to be configured by software to output its audio signal. Open the Dante Controller software, which can automatically scan all Dante devices in the network, and select the input in rows and output in columns to complete the matching.

Down the Dante Controller: https://www.audinate.com/products/software/dante-controller

Specs

Model No.	iSpeaker MD20
Frequency Response	100Hz ~ 16kHz
SNR	65dB, 1 kHz
Consumption	1.5W
Output interface	RJ45
Dante network	100Mbps above CAT5 or CAT6
Power	PoE IEEE802.3af standard
Power Supply	PoE
Microphone sensitivity	-40dB
Pickup distance	10-50cm
Microphone rod size	42cm