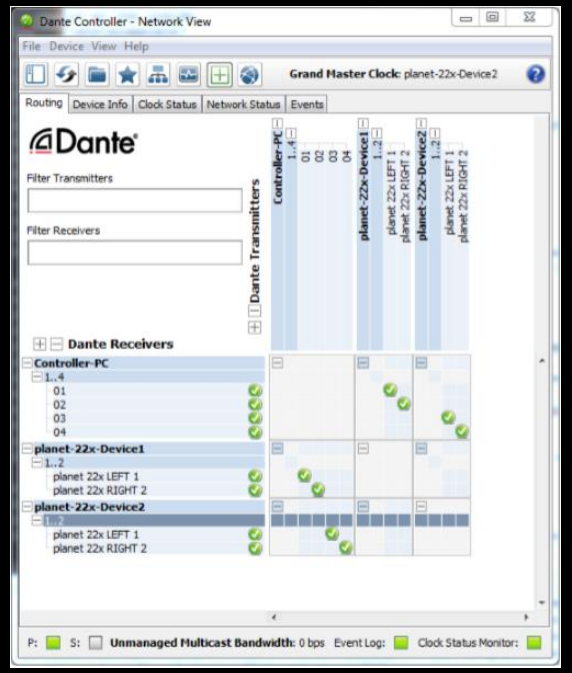
NETWORK INTERFACES

What is Dante?



Dante is a powerful technology that allows many channels of audio to be transmitted and received over a single Ethernet cable without the complexities and limitations of earlier solutions. Dante's low latency and tight play-out synchronization meets the most demanding of professional audio and installed sound requirements using off-the-shelf IT equipment.

It is easy to set-up configure and manage because Dante-enabled devices discover one another over the network and learn each other's capabilities (number of input and output channels, sample rates and bit depths supported etc.) Dante devices and channels can be given "friendly" names meaning audio can be routed without having to use or remember magic numbers. (*Source: audinate.com*)

NETWORK INTERFACES

Overview

PLANET 22x

Professional Dante Audio Interface
with 2 inputs / 2 outputs

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PLANET 22c

… out soon!

Page 10

LINE INPUT 1
HI-Z
MIC
-18
-6
0
GAIN
LINE INPUT 2
HI-Z
MIC
-18
-6
0
GAIN
+48V
ON
MASTER
POWER
HEADPHONE
PLANET
22X

PLANET 22X

Professional Dante Audio Interface
with 2 inputs / 2 outputs

PLANET 22X

planet 22x is a revolutionary new audio interface that combines the most modern networking audio technology based on the popular Dante protocol with the requirements of a professional high end desktop recording audio interface in studio and in mobile environments.

PLANET 22X

Target group:

- Producers (home studio, professional users)
- Technical providers for live sound applications or installations

Benefits:

- PoE (Powered over ethernet)
- Dante Virtual Soundcard included
- Users can save money by replacing expensive analog or multicore audio-cables with cheap network cables.

USP:

Most cost-effective Dante audio interface with 2 inputs / 2 outputs on the market.

PLANET 22X

Suitable for...

... Recording Studios with several recording- or mixing rooms

A singer or instrument player can be anywhere in the building and record. With his headphone and microphone connected by network to the main computer, the sound engineer does the digital mixing somewhere else.

planet 22x is the perfect module to start or extend existing Dante environments.

... Music Schools

Several students can be in different rooms and record music at the same time. The teacher can be in another room, monitor the recording or check the music signal. Students could also send audio signals between them in real time and the main sound engineer or teacher can send signals individually to each student.

... Live Events

... Concerts

... Festivals

... Live Recording

PLANET 22X

Features

- Dante network audio interface with 2 analog inputs and 2 analog outputs
- 2 balanced XLR / TRS combo inputs
- 2 balanced XLR outputs
- high end 24-bit / 96kHz AD converters with 118dB(a) dynamic range
- high end 24-bit / 96kHz DA converters with 123dB(a) dynamic range
- per channel professional low noise microphone preamplifiert with adjustable gain
- +48V phantom power for connected microphones
- per channel high quality Hi-Z instrument input stage
- precise step-potentiometer to control the master output level of the line outputs
- high quality adjustable headphone output
- 12V DC power supply included
- power supply via network cable possible (PoE / Power over Ethernet)
- license of the Dante Virtual Soundcard for Mac / PC included
- supports Windows 7, Windows 8.1 and Windows 10 with WDM and ASIO 2.0
- supports macOS via CoreAudio
- includes license of Deckadance LE from Stanton
- includes Bitwig Studio 8-Track digital audio workstation software
- dimensions roughly 17.5cm x 12.0cm x 4.5cm

Coming soon: planet 22c
...Out in 2021
PLANET 22c
INPUTS
OUTPUTS
PK
SIGNAL
LEFT · 1
RIGHT · 2