



# Dante 2-Channel Power Amplifier 240W

500553



## Overview

The Dante 2-Channel Power Amplifier 240W (Model 500553) features a Dante slot card that accepts the digital signal from the Dante network and converts it to an analog audio signal using it as the input source of the amplifier. Simply use "Dante Controller" to route a signal from source devices that are on the same Dante network. Its space-saving 1/2 rack design allows for quick installation and provides flexibility to mix and match with other 1/2 rack products to save valuable equipment rack space.

This powerful class D amplifier is combined with features such as 12V trigger control, audio sensing, volume gain adjustment, short circuit protection and overheating protection.

## Applications

- Commercial and residential AV systems
- Classroom training systems
- Digital signage
- Boardroom systems
- Collaborative PC systems
- Medical information systems

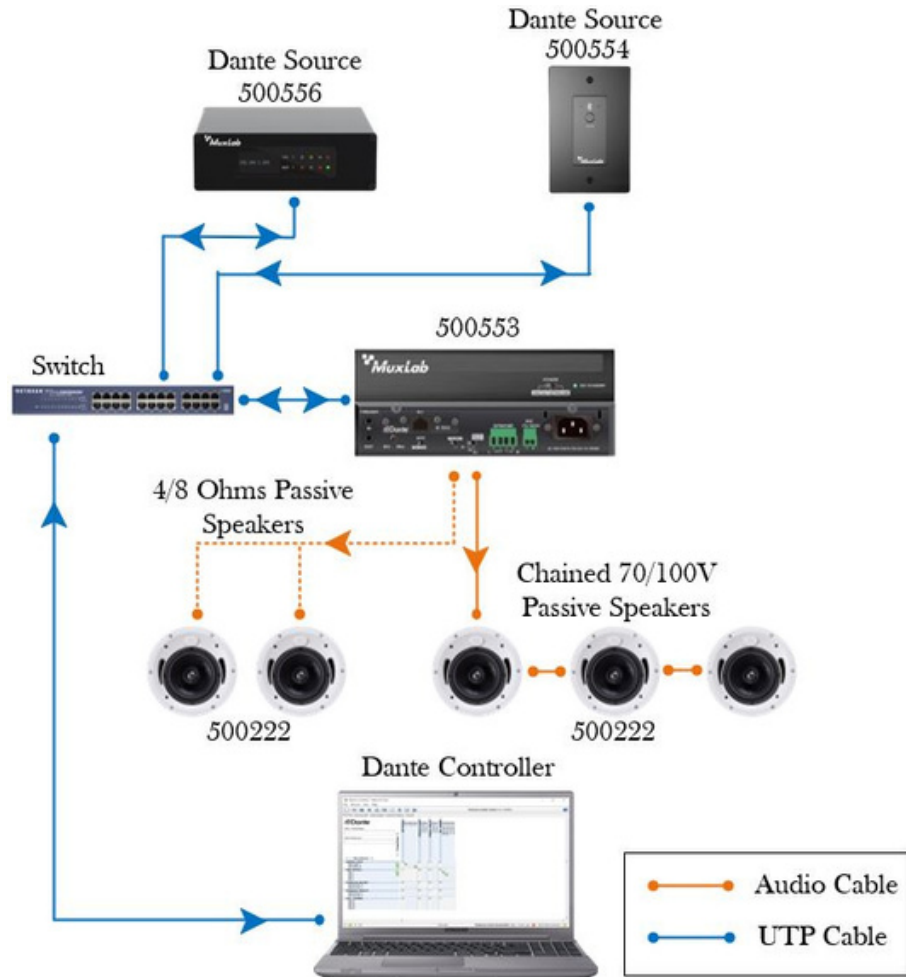
## Key Features

- Two-channels audio amplifier with Dante integration
- Supports 2 x 120W @ 4 / 8 ohm, 1 x 240W @ 4 / 8 ohm, or 70/100V constant output for multiple speakers
- Switch for High Pass Filter
- Selection for Power-Up mode.
- Natural cooling without Fan
- Short circuit protection
- Overheating protection
- Red Led (Front Panel) to indicate Standby mode is active
- Power down after 15 minutes of no signal and meets with Energy Star power consumption limits of < 0.5W in standby

## Specification

Power (Stereo Mode)	120W x 2, 8 $\Omega$ (31 V) RMS output (steady state), per channel @ < 1 % THD+N 120W x 2, 4 $\Omega$ (22 V) RMS output(steady state), per channel @ < 1 % THD+N
Power (Bridged Outputs)	240W, 70V @ < 1 % THD+N 240W, 100V @ < 1 % THD+N
Frequency Response	20 Hz - 20 kHz, +/- 2 dB @ 4 $\Omega$ Load
High Pass Filter	80 Hz( $\pm$ 2dB)
Signal to Noise	>90dB @ 1W(20 Hz - 20 kHz)
Input Sensitivity	1.0V (+2.2dBu) @ Max Output 4 $\Omega$
Trigger Connectors	3.5 mm Jacks
Gain Value	25 dB @ 4 $\Omega$
Output Connectors	4 pin Euro terminal (4 $\Omega$ /8 $\Omega$ ) 2 pin Euro terminal (70V/100V)
Maximum Input Level	12.3 V (+24 dBu)
Trigger In/Out	DC 12V
Dimensions	214mm(W) x 249.8mm(D) x 44mm(H)
Net Weight	1.94 Kg
Power Requirements	100 - 240 VAC, 50 - 60 Hz, 350W
Warranty	2 years
Order Information	500553 Dante 2-Channel Power Amplifier 240W (UPC: 627699005538)

## Diagram



Dante 2-Channel Power Amplifier 240W  
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