
DP4000 dARTS Amplifier

Class-D 16-
Channel Digital
Amplifier /
Controller



Specifications: DP4000 dARTS Amplifier

Mounting hardware included

Power Output	125 W (x16) @ 8 Ω , 250 W (x16) @ 4 Ω
Power Requirements	120/240v AV; 50/60 Hz
Channels	16
Crossover Type	Parametric DSP (Adaptive)
Height (SM = Height)	5.62"
Diameter (SM = Width)	17"
SM Depth (Including Bracket)	17"
Weight	21 lbs
Regulatory - UL	60065
Regulatory - CE	approved
Regulatory - RoHS	approved
Regulatory - CCC	approved

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Description

The DP-4000 digital/programmable amplifier manages an entire dARTS system with 16 channels of Digital Signal Processing and amplification. Each amp channel controls the crossover, time alignment and EQ and provides up to 250 watts of amplification for each driver (woofer, midrange, tweeter) in a speaker. Each subwoofer in the system has its own 500-watt amplifier.

Audyssey MultEQ® XT Pro room correction software is integrated in the DP-4000 for precise management of each speaker. By using digital control in a bi-and tri-amped configuration, we are able to achieve previously unreachable levels of accuracy and performance.

Patented Phase Technology Technologies

Phase Technology and MSE Audio Group constantly develop new technologies

that enhance audio product performance. Phase Technology innovations are protected by multiple U.S. and international patents, which explicitly cover Phase Technology dispersion, enclosure and dome technologies. MSE Audio Group actively defends its patents in order to protect Phase Technology resellers and end users.

Technical Data and Specification Tools

Technical Data

Phase Technologies strives to provide complete and effective technical information and data to dealers, engineers and designers. All data are available from SoundTube Entertainment or at www.soundtube.com. Technical data and downloads include: EASE™ data - 3-D polar plots. EASE™ Address - 2-D modeling for distributed systems Autodesk® Revit® software Tech Sheets - Technical information and

architectural specs for system engineers SoundTubeSPEC™ - Proprietary speaker placement software

Data Acquisition and Verification

All data for Phase Technologies speakers are independently collected from and verified by NWAALabs (www.nwaalabs.com) using their proprietary MACH testing system. All data are collected and analyzed according to ASTM, ISO and AES standards using EASRA, TEF and MLSSA. Full balloon data including both phase and magnitude are compiled into a variety of formats including EASE 4.x, GLL and CLF.

Architectural Specifications

No specifications currently.

Phase Technology

8005 W. 110th St. | Suite 208
Overland Park, KS 66210
Phone 9136635600
Fax
Toll Free 8556635600
<http://phasetech.mseaudio.com>
All Phase Technologies products come with a 5-year limited warranty.

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