

PowerCore™ DPA-220 Series

STEWART
AUDIO

Sensational Sound Everywhere

Elevate Every Sound Experience

The PowerCore DPA-220 amplifier with Dante Embedded Platform (DEP) technology sets a new standard for performance, size, durability and features – from one of the industry’s most trusted brands.

PowerCore amplifiers are POE rated devices that require no external power supply, allowing you to put a rugged, compact audio amplifier anywhere there is an available Ethernet drop.*

Smart. Durable. Versatile. Sound for Every Space

This rugged and compact Dante™ enabled PoE high-performance audio amplifier delivers up to 20W into a pair of 4-8Ω speakers or 40W into a single 4-8Ω speaker.

Stepping up to the DPA-220+ provides Digital Signal Processing (DSP) features for the audio path including volume control, equalization, mixing, limiting, compression, and other advanced processing algorithms.

The DPA-220+ also integrates speaker health monitoring which tracks and reports the voltage and current delivered to the attached loads in real-time.

Simple Setup and Control

The PowerCore DPA-220 is playback-ready out-of-the-box in a simple audio pass-through mode. An integrated web server allows the system integrator to set the gain during installation.

For the DPA-220+, advanced control and configuration is accomplished via its local web interface or by leveraging Stewart Audio’s Remote Communication Interface (SARCI) API as part of a custom integration.

The PowerCore DPA-220 Series is engineered from the ground up to deliver spectacular sound to a wide variety of environments from conference rooms to coffee shops. The DPA-220 bridges the gap between convenience and outstanding audio performance, making it an essential component for any location where sound matters.



Key Features

- New standard for performance, size and durability
- Latest generation POE support
- Embedded Linux platform
- Updated technology blocks, improved design architectures
- Longer life, more reliable components
- Rugged and compact design
- Innovative integrator-friendly features
- Advanced network and audio protocol support
- Faster installation, in more places with fewer call-backs
- API support for custom integrations
- Integrated web server for ease of use during deployment
- Wide range of input power supply options
- Compact size: 131mm x 46mm x 39mm

* Connection for an external 18VDC - 48VDC power supply is provided if non-PoE operation is preferred or if redundancy is required.

One PowerCore. Many Applications.

- Public and government buildings
- Sound masking and background music for co-working spaces
- Classrooms and higher educational institutions
- Paging and background music in food-service and entertainment venues
- Schools, coffee shops and houses of worship

PowerCore Models DPA-220 and DPA-220+ Take your pick.

Features & Performance	DPA-220	DPA-220+
2x20W, 1x40W (20-20kHz, 4/8Ω, ≤0.1% Distortion)	✓	✓
PoE Support with External DC Supply Support	✓	✓
Integrated Web Server for Set-Up & Configuration	✓	✓
Auto-Load Sensing & Gain Scaling at Start-up	✓	✓
Over-the-Air (OTA) Firmware Updates	✓	✓
Advanced PoE Power Negotiation at Startup	✓	✓
Rich Suite of Protection Features	✓	✓
Beacon/Identifying Strobe for Easy Identification	✓	✓
Multi-color LED Patterns for Status Reporting	✓	✓
Plenum Rated, with Hanger Wire Strap	✓	✓
Symetrix Intelligent Module Support		✓
Application Programming Interface (API) Support		✓
Real-time Monitoring & Reporting of System Status, Output Voltage, Output Current, Load Impedance, Temperature		✓
Digital Signal Processing (DSP) of Audio Signals		✓
Integrated Beep, Tone, Noise Masking Signal Generators		✓

About Stewart Audio

Stewart Audio is a worldwide leader in the commercial amplifier market and has been producing high-quality products for over 25 years. Our diverse team of talented engineers and amplifier experts are passionate and committed to delivering superior products that produce the ultimate sound experience.

Stewart Audio is recognized across the globe for its contributions to Networked Audio Amplifiers, DEP, and DSP in the commercial install market. We offer custom design services for a wide variety of audio products which leverage our innovative designs that span our entire portfolio of products to meet your unique needs.

Stewart Audio is headquartered in Mountain View, California in the heart of the Silicon Valley.