

## Overview

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2-channel Amplifier with DSP.



## Features

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- High power and efficient design: 1800W (Stereo, into 4Ω)
- Driven by a newly developed Class-D amplifier engine.
- Regulated switch mode with PFC (Power Factor Correction).
- Complete user interface integrated into DSPico.
- Control and monitor in real time with PC or mobile.
- Grouping for speaker routing.
- Twenty programmable presets for instant recall.

## Specifications

### General Specifications

Amplifier Class		Class D
Output Power (1kHz Non-clip 20msec Burst Both Channels Driven)	8Ω	1100W x 2
	4Ω	1800W x 2
	2Ω	-
	8Ω/Power Bridge Mode	3600W
	4Ω/Power Bridge Mode	-
Sampling Frequency Rate	Internal	48kHz
A/D D/A Converters		AD/DA: 24-bit
Total Harmonic Distortion		0.1% (1kHz, 10W), 0.3% (1kHz, Half power)
Frequency Response		±1.0dB (1W, 8Ω, 20Hz to 20kHz)
S/N Ratio		100dB
Voltage Gain	8Ω Volume Max	32.0dB
Input Sensitivity	8Ω Volume Max	+10dBu
Maximum Input Voltage		+24dBu
Input Impedance		20kΩ (Balance), 10kΩ (Unbalance)
I/O Connectors	Line Input	Female XLR x 2, Male XLR x 2 (Link)
	Speaker Output	speaKON x 2
	Others	RJ45 Ethernet connector for control, monitor, save/load, speaker preset update, firmware update. AC cable x1 with cable gland.
Indicators		POWER x 2 (Blue), PROTECT x 2 (Red), CLIP x 2 (Red), SIGNAL x 2 (Green)
Processors		Input summing, Bridge, HPF/LPF, 4 band PEQ, Delay, Polarity, Limiter
Latency		1.07 msec (Analog Input to Speakers)
Presets		20 user amplifier presets
Protection Circuit		Over current protection: DC-fault protection
Cooling		Variable speed fan x 4, front to rear airflow
Power Requirements		150V-265V 50Hz/60Hz
Dimensions (W x H x D)		480mm x 44mm x 425mm (1U)
Net Weight		6.9 kg (15.2 lbs)

## Dimensions

Unit: mm

