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# Powersoft QUATTRO 4804 DNT - Razglasno pojačalo

Šifra: 16354
Kategorija prozivoda: Razglasna Pojačala
Proizvođač: Powersoft

## Cena: 575.856,00  rsd

Powersoft QUATTRO 4804 DNT -  Razglasno pojačalo

Quattrocanali is designed to operate with lo-Z (from 2 Ω) and 70V/100V distributed lines or any mix of the two.

This Amplifier Platform can also be trusted in mission-critical applications, such as fire alarm systems, thanks to the cleverly engineered power supply that allows reliable operation even when connected to a UPS.

**Power supply**

Powersoft legendary universal switch mode power supply up to 400VAC tolerant with Power Factor Correction
Low Inrush Limiting reduces AC inrush current, removing the need for expensive power sequencers
Detachable AC mains cable with IEC C19/22.2 (16A for EU, 20 A for USA) socket
Protections
Fully protected circuit design with:

Ac protection: shut down power supply when AC mains voltage is outside operating range
Clip limiter: prevents severely clipped waveforms from reaching loudspeakers, while still maintaining full peak power output
DC protection: protects against infrasonic signal at the outputs
VHF protections: protects the loudspeakers against non audible, strong, non musical high frequency signals
Short circuit protection: protects the amplifier from short circuit or other stressful events for the output circuits with automatic protection reset
Long term limiter: protects the loudspeaker against steady long term RMS (non audio) signals, by reducing maximum output
Thermal protection: output stages operating temperature up to 80 °C (176 °F)
Temperature controlled continuous variable speed fan, front to back airflow
Temperature forecast with LCD traced historical behavior
General
Fixed frequency switch-mode output stage for high grade sound accuracy
Compact size – all models only 1 RU for reduced rack cost and space
Light weight – for easier racking and shipping: 7 kg (15.4 lbs)
Standard Phoenix connectors: analog audio outputs, aux supply, alarms and GPIO
Remotely switchable double input (main and aux) per channel
Settings
Built-in defeatable clip limiters for each channel
Digital gain-attenuator control
Defeatable gate selection for each channel
User selectable gain/sensitivity
Alarms and GPI/O
NC/NO contacts per channel for alarm notifications
Remote ON/OFF switch
Remote VCA control per channel
Remote Control & Monitoring
Via Software:

Attenuation (from 0 dB to 26 dB)
Max output voltage
Output and gain reduction metering

Diagnostics (temperature, fans, ...)
Via Hardware:

Attenuation (from 0dB to 26dB)
High-pass filters (35Hz, 70Hz)
Lo-Z/Hi-Z/70V/100V output selection
Adjustable gain (from 26dB to 35 dB)

## GENERAL
Output power per Channel
Output power per Channel 1500 W @ 2 Ω 1200 W @ 4 Ω 1200 W @ 8 Ω
Bridge mode 3000 W @ 4 Ω 2400 W @ 8 Ω
Max output voltage / current
Max unclipped voltage @8 Ω 139 Vpeak
Current 45 Apeak
AC MAIN POWER
Power supply Universal, regulated switch mode with PFC (Power Factor Correction)
Nominal power requirement 100-240 V ±10%, 50-60 Hz
Operating voltage 90 V – 264 V
Power consumption/current draw
Idle 115 V: 31 W – 0.47 A 230 V: 32 W – 0.28 A
1/8 of max output power @ 4 Ω 115 V: 823 W – 7.7 A 230 V: 840 W – 4.3 A
THERMAL
Operating temperature range 0° – 45° C – 32° – 113° F
Thermal dissipation*
Idle 115 V: 106 BTU/h 230 V: 107 BTU/h
1/8 of max output power @ 4 Ω 115 V: 759 BTU/h 230 V: 840 BTU/h