

PSSO QDA-4400 4-channel Amplifier

Class D multi-channel PA amplifier with SMPS, 4 x 1100 W RMS (4 ohms), 4 x 650 W RMS (8 ohms)

Art. No.: 10451695

GTIN: 4026397614435



Description:

4-channel PA amplifier with 5kW of power

The QDA-4400 PA amplifier offers ultra-high output power paired with a low weight and small overall height. The amplifier uses a Class D output circuitry. Featuring a modern switch-mode power supply, the amplifier provides up to 5 kW peak power and weighs less than 10 kg. This makes this model particularly attractive for mobile applications. The amplifier can be used flexibly in stereo operation, parallel operation or in bridge operation. Extensive protective circuits will protect the amplifier and the speakers connected.

Logistic

EAN / GTIN: 4026397614435

Weight: 11,10 kg

Length: 0.59 m

Width: 0.56 m

Height: 0.17 m

Features:

- 4-channel PA amplifier with class D circuitry
- Low weight and height due to integrated switch mode power supply
- Reliable power amp with high impulse stability for a wide range of applications (e.g. compact PAs, multi-way PAs, concerts)
- 3 operating modes can be selected (stereo, parallel or bridged)
- Level control per channel
- Input sensitivity adjustable
- LED VU meter and LEDs for activated protective circuit (protect) and overload (clip) per channel
- Electronically balanced inputs via XLR mounting jacks, with XLR feed-through outputs
- Speaker outputs via lockable Speaker plugs
- Rugged steel chassis with aluminum front panel
- (19") 48.3 cm rack installation 2 U
- Highly efficient air flow from front to rear
- The device is cooled by temperature-controlled fan
- For application areas such as: Clubs/dancing school; installation; mobile use; mobile djs / entertainer; restaurants, bars and hotels; rental; sports centres/gyms

Technical specifications:

Power supply:	100-240 V AC, 50/60 Hz
Power consumption:	830 W 1/8 power
Protection class:	Protection class I
Output power:	4 x 1100 W RMS (4 ohms) 4 x 650 W RMS (8 ohms) 2 x 2000 W RMS bridged (8 ohms)
Power connection:	Mains input via P-Con (blue), mounting version power supply cord with safety plug (provided)
Frequency range:	20 - 20000 Hz
S/N ratio:	>100 dB
THD:	<0.1 % at 1 kHz
Cooling:	2 x temperature-controlled fan , air flow from front to rear
Impedance:	Input: 20 kOhm , bal. Input: 10 kOhm , unbal.
Gain:	39.9 dB
Housing color:	Black
Circuitry:	Class D
Slew rate:	>10 V/μs
Damping factor:	>500
Crosstalk:	>65 dB
Control elements:	Power switch, mode switch (stereo/parallel/bridged), level control per channel, Input sensitivity switch
Controls:	Softstart; overheat; overload; short-circuit; progressive volume; VHF; limiter
Status LED:	Power, level meter, clip, protect
Connections:	Input: line via 4 x 3-pin XLR Output: line via 4 x 3-pin XLR Output: speaker via 4 x speaker built-in socket (F)
Input sensitivity:	0.775 V; 1.0 V; 1.81 V , switchable; 32 dB; 37 dB; 39.3 dB , switchable
Housing design:	(19") 48.3 cm rack installation 2 U
Dimensions:	Width: 48.3 cm Depth: 46.1 cm Height: 8.9 cm
Weight:	9.50 kg

Scope of delivery:

1 x amplifier
1 x power cord
1 x user manual