



PSSO QCA 4-channel SMPS amplifier

4-channel PA amplifier with integrated SMPS

- 4-channel PA amplifier with class I circuitry
- 4 x 1400/2100 W/4 ohms
- 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, international concerts)
- 3 operating modes can be selected (stereo, parallel or bridged)
- Complete protection set against short-circuit, overheat, clipping, overload, DC voltage and VHF signals
- Highly efficient front-to-rear air routing
- Neutrik Speakon outputs

No. 10451696 QCA-6400
 No. 10451697 QCA-10000

Technical specifications:

Device:	QCA-6400	QCA-10000
Power supply:	230 V AC, 50 Hz ~	230 V AC, 50 Hz ~
Power consumption:	820 W (1/8 power)	1150 W (1/8 power)
Power output (RMS):		
2 ohm	4 x 1600 W	4 x 2500 W
4 ohm	4 x 1400 W	4 x 2100 W
8 ohm	4 x 800 W	4 x 1300 W
4 ohm bridged	2 x 3200 W	2 x 5000 W
8 ohm bridged	2 x 2800 W	2 x 4200 W
Frequency response:	20-20000 Hz	20-20000 Hz
Signal-to-Noise ratio:	>80 dB	>80 dB
Total harmonic distortion:	<0.05 %	<0.05 %
Damping factor:	>800	>800
Slew rate:	>10 V/μsec	>10 V/μsec
Crosstalk:	>65 dB	>65 dB
Input sensitivity:	0.775 V/1.0 V/1.4 V/38 dB/32 dB/26 dB, switchable	0.775 V/1.0 V/1.4 V/38 dB/32 dB/26 dB, switchable
Voltage gain:	40.3 dB (0.775 V), 38 dB (1.0 V), 35.1 dB (1.4 V)	40.3 dB (0.775 V), 38 dB (1.0 V), 35.1 dB (1.4 V)
Input impedance:	20 kohms (balanced), 10 kohms (unbalanced)	20 kohms (balanced), 10 kohms (unbalanced)
Input connectors:	4 x XLR	4 x XLR
Output connectors:	4 x Speaker, 4 x XLR feed-through output	4 x Speaker, 4 x XLR feed-through output
Protection:	Overheat, overload, short-circuit, over-current, DC voltage, softstart, VHF signals	Overheat, overload, short-circuit, over-current, DC voltage, softstart, VHF signals
Cooling:	2 temperature-controlled fans, front-to-rear	2 temperature-controlled fans, front-to-rear
Controls:	Power switch, input attenuators, mode switch stereo/parallel/bridged, input sensitivity	Power switch, input attenuators, mode switch stereo/parallel/bridged, input sensitivity
LED indicators:	Protect, clip, signal (per channel)	Protect, clip, signal (per channel)
Construction:	Steel chassis, aluminum front panel	Steel chassis, aluminum front panel
Dimensions:	483 x 445 x 89 mm Rack installation with 2 U	483 x 445 x 89 mm Rack installation with 2 U
Weight:	15.5 kg	15.7 kg