IPS 3700

2 x 1500 W CLASS H PROFESSIONAL POWER AMPLIFIER



DESCRIPTION

IPS Series is a range of two-way professional amplifiers that combines high quality performance and reliability with the latest power amplifications technologies.
This high value power-to-cost designs offer, in compact lightweight 2 rack unit space, the sound quality and the durability of traditional class AB and class H designs with the innovation of the latest power devices available.
IPS 3700 is a 2 channel power amplifier that delivers up to 2 x 1500 W RMS @ 4 Ω (3000 W RMS bridged @ 8 Ω), weighing just 19.5 kg.
It features independent gain dials, signal – clip and fault LEDs, stereo XLR input and Output link, 1.4 V to 0.775 V input sensitivity switch, mono – stereo – bridge switch, powercon outputs.
Moreover, it is protected against shorts and open circuits.
Thanks to its high efficiency heat sinks and high speed DC fans, the IPS 3700 can withstand the hardest heat conditions ensuring great reliability.

CERTIFICATIONS AND APPROVALS

- CE: it complies with European Community 2006/95/CE LVD and 2004/108/CE EMC
- Electromagnetic immunity according to IEC EN 55013+A1+A2, IEC EN 55020+A2+EC, EN 61000-3-2, EN 61000-3-3+A1
- Electronic apparatus safety requirements according to IEC EN 60065:2002

INSTALLATION NOTES

IPS 3700 has 4 footpads for desk-top positioning. To ensure proper heat dissipation, leave 0.1 m (4") clearances between the amplifier and walls or other components.
IPS 3700 can be mounted into a 19" rack cabinet (2 units each) through the included rack ears. In this case, it is necessary to add 2 P/AER-1V (1 unit) panels (one above and one below the amplifier) to ensure proper air circulation and heat dissipation.

MAIN FEATURES

- 2 unit 19" rack, easy transportation
- Fast response and low distortion
- Easy to configure in stereo / mono / bridge modes
- Extensive protective circuits ensure high reliability and operating safety.
- Front panel signal / clip / protect LED indicators
- XLR input connectors
- SPEAKON NL4 output connectors

ACCESSORIES (included)

- AC power cord
- User's manual
- Warranty card

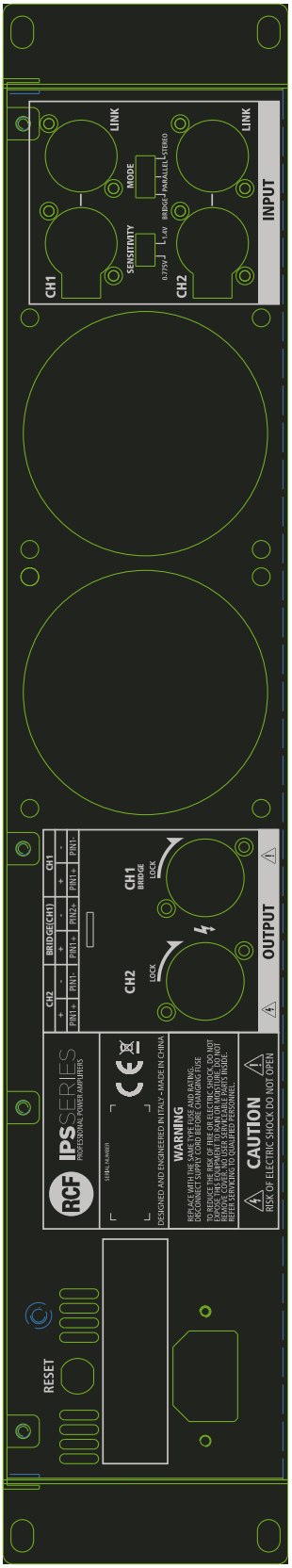
MAIN APPLICATIONS

- small and medium sized PA systems
- club sound
- DJs
- performance and sport venues
- worship systems
- public spaces
- cinema

IPS 3700

FRONT PANEL & REAR PANEL





IPS 3700

PART NUMBERS

121.35.093 (230 V)
121.35.092 (115 V)

SPECIFICATIONS

		IPS 700	IPS 1700	IPS 2700	IPS 3700
RATED OUTPUT POWER	4 Ω - stereo (per channel)	300 W	450 W	1100 W	1500 W
	8 Ω - stereo (per channel)	150 W	330 W	700 W	1200 W
	8 Ω - bridged	600 W	900 W	2200 W	3000 W
Frequency response		20 Hz ÷ 20 kHz (+0 –1 dB, 1 W)			
Total harmonic distortion		< 0.5% (20 Hz ÷ 20 kHz)			
Damping factor		> 200 (8 Ω, 10 ÷ 400 Hz)			
Slew rate		> 10 V / µs			
Signal / noise ratio		> 100 dB			
Crosstalk		–75 dB (1 kHz)			
Input sensitivity for full rated power (8 Ω)		0.775 V / 1.4 V			
Input impedance		20 kΩ (balanced), 10 kΩ (unbalanced)			
Protections		DC, internal fault, input overload, RF interference, unmatched load, output short-circuit, thermal drift, power supply over-current			
Cooling		Internal heat sinks and forced ventilation (speed regulated fan)			
Operating voltage		115 V / 230 V (according to the model), 50-60 Hz			
Power consumption		350 W	350 W	700 W	800 W
Inrush current		8 A	11 A	15 A	22 A
Power cord input		IEC 10 A	IEC 10 A	IEC 16 A	IEC 16 A
Dimensions (19" rack, 2 U)	width	482 mm	482 mm	482 mm	482 mm
	height	88 mm	88 mm	88 mm	88 mm
	depth	255 mm	255 mm	255 mm	324 mm
Net weight		10.1 kg	12.7 kg	14.5 kg	19.5 kg

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RCF products are continually improved. All specifications are therefore subject to change without notice.