

NEW PRODUCTS



**PROFESSIONAL
AMPLIFIERS**

sound culture

RCF

ENG **2014**

QPS 9600

HIGH POWER AMPLIFIERS

QPS 9600 is a 4 channel power amplifier that can handle exceptionally high power in a compact and lightweight 2 rack units space.

Thanks to the class HD technology, this amplifier delivers up to 4 x 2400 W RMS @ 2 Ohm (4800 W RMS bridged @ 4 Ohm), weighting just 16 kg.

It comes with switched mode power supply which ensures that a predominantly resistive load is presented to the mains power supply; this also leads to an improved amplifier performance at high output levels. Thanks to its high efficiency heat sinks and variable speed DC fans, the QPS 9600 can withstand the hardest heat conditions ensuring great reliability.

- 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 / clippings / protection/ temperature LEDs indicators for each channel
- Minimum load impedance (stereo / mono): 2 Ohm
- XLR input connectors
- SPEAKON output connectors
- Voltage clip switchable limiters
- Gain settings
- Hard / Soft limiter switches
- 2 unit 19" rack, low weight for easy transportation

p.n. 121.35.102 (230 V)

p.n. 121.35.103 (115 V)

AMPLIFIER SPECIFICATIONS

POWER OUTPUT STEREO 2Ω:	4 x 2400 W Rms
POWER OUTPUT STEREO 4Ω:	4 x 2200 W Rms
POWER OUTPUT STEREO 8Ω:	4 x 1300 W Rms
POWER OUTPUT BRIDGED 4Ω:	2 x 4400 W Rms
POWER OUTPUT BRIDGED 8Ω:	2 x 4800 W Rms
FREQUENCY RESPONSE +/- 0.5DB:	20 Hz ÷ 20 kHz
SIGNAL/NOISE RATE:	110 dB

INPUT SECTION

INPUT CONNECTORS:	Xlr
AMPLIFIER GAIN:	select. from 23 to 44 dB

OUTPUT SECTION

OUTPUT CONNECTORS:	Speakon
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SYSTEM PARAMETERS

COOLING:	Temperature-controlled fan
PROTECTIONS:	Temp., DC, HF, Current
AMPLIFIER CLASS:	HD

POWER REQUIREMENTS

OPERATING VOLTAGE:	200 ÷ 245 V (50 / 60 Hz) V ~ Hz
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PHYSICAL

DIMENSIONS (H x W x D):	3.4" x 19" x 17" 88x483x445 mm
WEIGHT:	32.18lbs - 14.6Kg



IPS AMPLIFIERS

HIGH POWER AMPLIFIERS

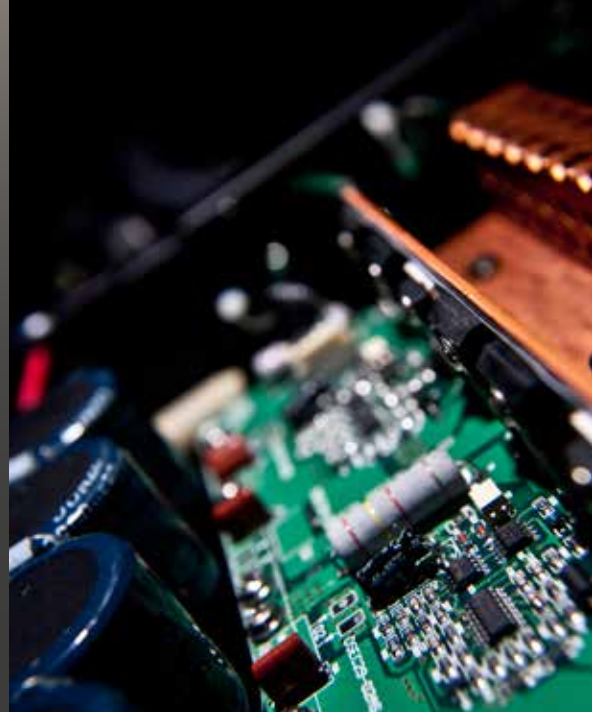
IPS Series is a range of two-way professional amplifiers that combines high quality performance and reliability with the latest power amplifications technologies.

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.

The amplifiers 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.

The amplifiers are protected against shorts and open circuits.

Ideal for small and medium sized PA systems, club sound, DJs, performance and sport venues, worship systems, public spaces, cinema.



- 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

IPS 700

IPS 700 is a 2 channel power amplifier that offer exceptional sonic integrity in a compact and lightweight 2 rack units space.

This amplifier delivers up to 2 x 300 W RMS @ 4 Ω (600 W RMS bridged @ 8 Ω), weighing just 10,2 kg.

Thanks to its high efficiency heat sinks and high speed DC fans, the IPS 700 can withstand the hardest heat conditions ensuring great reliability.

p.n. 121.35.087 (230 V)

p.n. 121.35.086 (115 V)

IPS 1700

IPS 1700 is a 2 channel power amplifier that offer exceptional sonic integrity in a compact and lightweight 2 rack units space.

This amplifier delivers up to 2 x 500 W RMS @ 4 Ω (1000 W RMS bridged @ 8 Ω), weighing just 11,7 kg.

Thanks to its high efficiency class H design and high speed DC fans, the IPS 1700 can withstand the hardest heat conditions ensuring great reliability.

p.n. 121.35.089 (230 V)

p.n. 121.35.088 (115 V)



	IPS 700	IPS 1700	IPS 2700	IPS 3700
CLASS				
AMPLIFIER CLASS:	Class AB	Class H	Class H	Class H
OUTPUT POWER				
STEREO 8 OHM:	2 x 150	2 x 350	2 x 700	2 x 1200
STEREO 4 OHM:	2 x 300	2 x 450	2 x 1100	2 x 1500
BRIDGED 8 OHM	600	1000	2200	3000
FREQUENCY RESPONSE:	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz	20 Hz - 20 kHz
THD @ 1 kHz	< 0.5%	< 0.5%	< 0.5%	< 0.5%
DAMPING FACTOR @ 8 OHM	> 200	> 200	> 200	> 200
SLEW RATE	50 V/ μ s	50 V/ μ s	50 V/ μ s	50 V/ μ s
SIGNAL/NOISE RATIO	> 100 dB	> 100 dB	> 100 dB	> 100 dB
INPUT SENSITIVITY	0.775 V / 1.4 V	0.775 V / 1.4 V	0.775 V / 1.4 V	0.775 V / 1.4 V
INPUT IMPEDANCE	20 Kohm	20 Kohm	20 Kohm	20 Kohm
PROTECTIVE CIRCUITS				
COOLING	Forced Ventilation	Forced Ventilation	Forced Ventilation	Forced Ventilation
POWER SUPPLY/OPERATION VOLTAGE	230 Volt, 50 Hz	230 Volt, 50 Hz	230 Volt, 50 Hz	230 Volt, 50 Hz
POWER FACTOR(COS)	115 Volt, 60 Hz	115 Volt, 60 Hz	115 Volt, 60 Hz	115 Volt, 60 Hz
PHYSICAL				
DIMENSIONS (H x W x D):	3.5" x 19" x 10" 89x482x255 mm	3.5" x 19" x 10" 89x482x255 mm	3.5" x 19" x 10" 89x482x255 mm	3.5" x 19" x 10" 89x482x255 mm
WEIGHT:	22.48lbs - 10.2Kg	25.79lbs - 11.7Kg	30.42lbs - 13.8Kg	35.71lbs - 16.2Kg

IPS 2700

IPS 2700 is a 2 channel power amplifier that offer exceptional sonic integrity in a compact and lightweight 2 rack units space. This amplifier delivers up to 2 x 1100 W RMS @ 4 Ω (2200 W RMS bridged @ 8 Ω), weighing just 13,8 kg. Thanks to its high efficiency class H design and high speed DC fans, the IPS 2700 can withstand the hardest heat conditions ensuring great reliability.

p.n. 121.35.091 (230 V)
p.n. 121.35.090 (115 V)

IPS 3700

IPS 3700 is a 2 channel power amplifier that offer exceptional sonic integrity in a compact and lightweight 2 rack units space. This amplifier delivers up to 2 x 1500 W RMS @ 4 Ω (3000 W RMS bridged @ 8 Ω), weighing just 16,2 kg. Thanks to its high efficiency class H design and high speed DC fans, the IPS 3700 can withstand the hardest heat conditions ensuring great reliability.

p.n. 121.35.093 (230 V)
p.n. 121.35.092 (115 V)

