

elipson® | A2700

POWER AMPLIFIER

The A2700 power amplifier is the perfect complement to the P1 preamplifier.



It amplifies with disconcerting ease any signal in its entirety thanks to its high amplification capacity: 400 W RMS under 8 Ohms, 700 W RMS under 4 Ohms and especially 900W in impulse mode under 2 Ohms. Modular, it can be bridged in mono and offer 1400 W RMS (2500 W peak) under 8 Ohms and this without thermal runaway.

Beyond its power and its modularity, it is also the techniques used that impress: oriented towards the minimization of background noise and distortion because they are essential elements of the respect of the intensity of the notes in the service of musicality.

An iron fist in a velvet glove is really what characterizes our amplifier, allowing you to rediscover the live experience of a concert in all its complexity and finesse.



TECHNICAL

Nominal power W_{rms} / channel / 8Ω Class D

400 W @ THD=1 % (clipping) for 2 channels

Harmonic distortion (THD) at 100 W into 8Ω

< 0,005 % @ 1kHz

Harmonic distortion (THD) at 1 W into 8Ω

< 0,003 % @ 1kHz

Intermodulation distortion (IMD SMPTE) at 100 W

< 0,01 %

Nominal power W_{rms} / channel into 4Ω

710 W @ THD=1 % (2 x 750 W peak with CF*=12 dB)

Nominal power W_{rms} / bridge mode into 8Ω

1400 W / 2500 W peak with CF=12 dB

Impulse power

2 x 900 W into 2 Ohms with CF=12 dB

Power consumption (230 Vac / 120 Vac)

250 W with PF* = 0,96 à Pmax/8 into 4 Ω
- 2 channels

Number of input

1 x RCA Stereo + 1 x XLR Stereo + trigger In & Out

Input impedance

1 MΩ

Sensitivity (V)

9,5 dBu (Bal.), 3,5 dBu (unbal.) (2,3 V / 1,15 V)

Pulse rise time (μs)

5μs at Pmax into 8 Ohms

Bandwidth

2 Hz - 60 kHz @ -3 dB into 4 Ohms

Damping factor

1000 into 8 Ohms between 20 Hz and 2 kHz

Signal-Noise ratio (Dynamic)

119 dB (Balanced input) at Pmax in stereo mode

Max operating temperature

40° C

Output configuration

Stereo / Bridge mono

MISCELLANEOUS

Clipping LED and protection signalling LED (current, power, temperature) per channel.

Trigger input and output for stand-by and operation by isolated voltage (5 to 12 V).

* CF = Peak factor (10 log(P peak/P rms))

** PF = Power factor (cos phi)

GENERAL

Power consumption in stand-by mode

< 0,5 W

DIMENSIONS WEIGHT

Dimensions

W x H x D : 95 x 430 x 302/333* mm

*with binding post

Weight

6.5 kg

PACKAGING

Packing dimensions

W x H x D : 610 x 510 x 225 mm

Gross weight

9.5 kg

PRODUCT CODES

SKU

ELIA2700

EAN

3700795192894