

AMPLIFIER

HE 2 400 W MAX

AB CLASS STEREO POWER AMPLIFIER

Power Supply

Power supply voltage:	11÷15 VDC
Idling current:	0,7 A
Idling current when off:	0,02 mA
Consumption @1Ω, 14.4 VDC (Max Musical Power):	12 A

Amplifier stage

Distortion - THD (1 kHz @ 4Ω):	0,04 %
Bandwidth (-3 dB):	7 ÷ 45k Hz
S/N Ratio (A weighted @ 1 V):	104 dB
Damping factor (1 kHz @ 4Ω):	150
Pre-In sensitivity:	0,3 ÷ 5 V
Pre-In impedance:	15 kΩ
Speaker-In sensitivity:	1,4 ÷ 24 V
Speaker-In impedance:	470 Ω
Load impedance:	
2 Ch	2 Ω
1 Ch	4 Ω

CEA 2006-A RATINGS

RMS Power(4 Ohms, ≤1% THD+N, 14.4Volts): 55W x 2 Ch

S/N Ratio (ref. 1 W output): 82 dBA



OUTPUT POWER (RMS) @ 14.4 VDC, THD 1%:

2 Ch	70W x 2 (4Ω)
2 Ch	100W x 2 (2Ω)
1 Ch	200W x 1 (4Ω)

Other features

Remote In:	6 ÷ 15 VDC - 1 mA
Remote Out:	12 VDC - 15 mA
ART™:	Automatic Remote Turn-On/Off with Speaker-In
Fuse:	1 x 20 A



- 1 Thermally optimized die-cast heatsink;
- 2 Silver colour shrouds, hide connections and control panel, providing a hi-tech look;
- 3 HE Status logo monitors the status of the amplifier;
- 4 HE Input featuring either Speaker In (OEM radio) or RCA (Aftermarket radio) inputs;
- 5 ART™, Automatic Remote Turn-On/Off function, automatically turns on and off the amplifier when the OEM radio turns on and off (available on Speaker In only);
- 6 Real 12dB/Oct. continuously adjustable (40 to 400Hz) active crossover with Lo-Pass/Hi-Pass or Full Range settings;
- 7 Multiple Winding transformer, Low-ESR 105°C capacitors, SANKEN Transistor AB Class output stage.

Input/Output configuration

Input	Output
L/R	STEREO
Apply same L&R signal using RCA Y-adaptor	MONO

Filter configuration

Config.	AMP
1	Bypass
2	Hi-pass
3	Lo-pass

Inputs/Outputs

Input PRE / Speaker

Filters & Controls

Full / Hi-Pass / Lo-Pass: 40 ÷ 400 Hz @ 12 dB/Oct.

Dimensions

Max size (mm/inches):	266 x 289 x 63,5 / 10 ¹¹ / ₂ x 11 ³ / ₈ x 2 ¹ / ₂
Weight (kg/lb):	2,184 / 4,814