

KCS C-4000 STEREO AMPLIFIER



KELONIK CINEMA SOUND



Stereo Amplifier

The KCS C-4000 will mostly be installed for your LFE units. With 2000W per channel you can easily support the most powerful Sub-woofers. This amplifier is also quite useful to amplify Low frequencies of your screen speakers setup.

Efficient heat sink, variable speed cooling fan, ensures the amplifier working at low temperature.

Large annular transformer ensures enough power supply.

Perfect protection, including limit, on/off shock protection, DC protection, output short circuit protection and overheat protection.

In-built limiter, it is a very effective protection against electrical damage to the speaker.

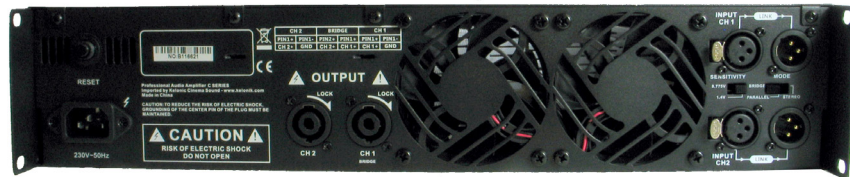
Stereo, Bridge and Parallel working mode. Each channel has its own Signal and Clip indicator.

When the protection circuit works, fault indicator lights and sound output automatically stop at the same time.

Front panel level gain control.

The newest SMD component technology makes the product more stable and reliable.

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TECHNICAL DATA

Rated power / Model	KCS C-4000
1 kHz (HIA) with 0,5% THD	
4 Ω per channel	2 x 2000 W
8 Ω (per channel)	2 x 1400 W
8 Ω Bridge (mono)	4000 W
Performance	
Frequency Response (@ 1W)	20Hz - 20KHz, +0-1dB
Total Harmonic Distorsion (THD)	<0,5%, 20Hz-20KHz
Intermodulation Distorsion 60 Hz and 7 KHz at 4:1 from full rated output to -30 dB	=/<0,35%
Slew Rate	>10 V us
Voltage Gain	37dB
Damping Factor (8 Ω) 10Hz-400 Hz	>200
Signal to noise ratio (below rated power, 20Hz to 20KHz. A-weighted)	>100 dB
Crosstalk (below rated power)	
@1 KHz	-75 dB
@20 KHz	-58 dB
Input sensitivity for full rated power	
@ 8Ω	0,775 V or 1,4 V
Input impedance (nominal)	
balanced	20 K Ω
Unbalanced	10 K Ω
Construction	
Dimensions (W x D x H)	482 x 227 x 88 mm
Net Weight	19,5 kg
4R/ 1 / 8 Consumption	Under test progress



For a safety current ramp up a 25A with D type fuse should be installed

Protection Protection against Short circuits, no-load, on/off muting, RF interference
 Ventilation Flow-through ventilation from front to back
 Cooling Internal heat sinks with forced aor. Fan cooled, speed regulated, thermal protection
 Power cable specification Plug: 10A, 250 V - Wire: 3x1,0 mm²