

KCS C-4-1200 MULTICHANNEL AMPLIFIER



KELONIK CINEMA SOUND



Stereo and Multichannel Amplifier

The KCS C-4-1200 is our multi-channel amplifier that will allow you to easily supply several surround speakers within object base new sound format.

With 4 channels you can easily drop down the number of units in the racks without gambling on Quality.

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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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

TECHNICAL DATA

Rated power / Model	KCS C-4-1200
1 khz (HIA) with 0,5% THD	
4 Ω per channel)	4 x 600 W
8 Ω (per channel)	4 x 420 W
8 Ω Bridge (mono)	2 x 1200 W
Performance	
Frequency Response (@ 1W)	20Hz - 20KHz, +0-1dB
Total Harmoic Dostorsion (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	31dB
Damping Factor (8 Ω) 10Hz-400 Hz	>200
Signal to snoise 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	14,20 kg
4R/ 1 /8 Consumption	1054 W - 6 A