

# KCS C-900 STEREO AMPLIFIER



## Stereo Amplifier

The Stereo Amplifier KCS C-900 is the perfect complement to amplify Medium or High frequencies on a screen speakers setup. The KCS C-900 can also be used for most Surround speakers up to 350W with Quality and Reliability.

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 mm<sup>2</sup>

## TECHNICAL DATA

Rated power / Model	KCS C-900
1 khz (HIA) with 0,5% THD	
4 $\Omega$ per channel)	2 x 420 W
8 $\Omega$ (per channel)	2 x 300 W
8 $\Omega$ Bridge (mono)	840 W
<b>Performance</b>	
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	33dB
Damping Factor (8 $\Omega$ ) 10Hz-400 Hz	>200
Signal to noise ratio (below rated power, 20Hz to 20KHz. A-weighted)	>100 dB
<b>Crosstalk (below rated power)</b>	
@1 KHz	-75 dB
@20 KHz	-58 dB
<b>Input sensitivity for full rated power</b>	
@ 8 $\Omega$	0,775 V or 1,4 V
<b>Input impedance (nominal)</b>	
balanced	20 K $\Omega$
Unbalanced	10 K $\Omega$
<b>Construction</b>	
Dimensions (W x D x H)	482 x 239 x 88 mm
Net Weight	10,5 kg
Consumption 1/3 - 1/8 power @ 230V	4,50 A - 2,20 A