



CI 940 Multi-Channel Amplifier



High-performance four-channel amplification for custom installation and distributed audio systems. With multiple discrete high-power output devices in the component, it can easily provide instantaneous peak current required for good bass response.

RELIABLE, FLEXIBLE, EASY ▼

Reliability, flexibility, and ease of installation of the CI 940 is unsurpassed. Its design is space-efficient and will fit into standard racking units with rack ears and Phoenix speaker connection blocks. The amplifier is fully protected from short circuit and overheating, and automatically restores operation after a condition is rectified. The CI 940 is incredibly flexible, with selectable local or global inputs and the ability to bridge channels to create a single high-power channel.

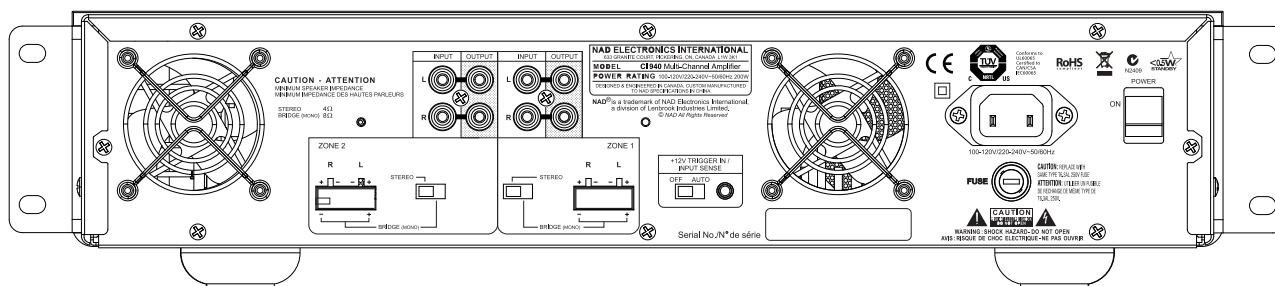
EFFICIENT WITH LOW NOISE AND DISTORTION ▼

Choose between a DC trigger or a signal-sensing turn on with auto shut-off to make integration easy. The signal sensing circuit employs a sophisticated music sensing circuit to prevent the false triggers common with noisy source components or other types of interference noise like RF leakage or ground loops.

FEATURES & DETAILS

- ▶ Four channels of clean, low distortion power set up in two stereo zone configuration
- ▶ 35 W x 4 @ 8 Ohms; IHF dynamic power; peak output current 30A (0.1 Ohm); 90W x 2 @ 80 Ohms in Bridge Mode
- ▶ Compact 2U rack height with rack ears
- ▶ Phoenix speaker connection blocks
- ▶ Detachable power cable for easy service and upgrades
- ▶ Indicator lamps for each zone that show protection status and amplifier clipping
- ▶ <0.5 W standby consumption
- ▶ <0.03% THD; <0.04% IMD (SMPTE, CCIR)
- ▶ >95dBA referenced to 1W

CI 940 Rear Panel ▼



Specifications CI 940 ▼

Continuous Output Power		
8 Ohms/4 Ohms		4 x 35W (ref. rated THD, 20Hz-20kHz, all channels driven)
8 Ohms Bridge Mode		2 x 70W
Rated THD (250mW to rated power, CCIF IMD, DIM 100)		
≤0.03% (ref. 20Hz-20kHz)		
IHF Dynamic Power	8 Ohms	55W
	4 Ohms	85W
	2 Ohms	95W
Damping Factor		
>180 (ref. 8 Ohms, 50Hz and 1kHz)		
Input Sensativity		
270mV (ref. rated power)		
Voltage Gain		
35dB		
Frequency Response		
±0.2dB (ref. 20Hz-20kHz)		
-3dB at 3Hz and 100kHz		
Signal/Noise Ratio, A-Weighted		
>95dBA (ref. 1W)		
>110dB (ref. 35W)		
Trigger		
5-30V In (AC/DC)		
-52dBV, 12V Out		
Time to Automatic Standby (without signal at input sense mode)		
<10 minutes		
GENERAL		
Rated Power		
270W (120V 60Hz, 230V 50Hz)		
Idle Power		
<55W		
Standby Power		
<0.5W		
Dimensions (W x H x D)*		
483 x 105 x 323mm (19 1/16 x 4 3/16 x 12 3/4")**		
Net Weight		
6.96kg (15.35lb)		
Shipping Weight		
8.4kg (18.5lb)		

* Gross dimensions include feet, extended buttons and rear panel terminals. ** Non-metric measurements are approximate. NAD Electronics will not assume any liability for errors being made by retailers, custom installers, cabinet makers, or other end users based on information contained in this document. Note: Installers should allow a minimum clearance of 55mm for wire/cable management.



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