

XFMR-4 XFMR-8

The Crown® XFMR-4 and XFMR-8 are rack-mountable transformers to provide impedance matching between amplifier outputs and “constant voltage” loudspeakers. This unit allows amplifiers without direct 70V or 100V output capability to drive distributed speaker systems designed to operate at those voltages.

For more details about the Crown XFMR-4 and XFMR-8, contact Crown Customer Service at 800-342-6939 or 574-294-8200. Also, visit the Crown Audio website at www.crownaudio.com.

Specifications

Output connectors: Pluggable barrier block connectors that accepts up to 14 AWG wire.

Frequency Response:
+/- 1.0 dB (70 Hz to 15 kHz).

Insertion (Core) Loss:
≤ 1.0 dB max (70VAC).

Max Input Levels:
32 Vrms / 125W.

Dimensions:
19 in (48.3 cm) wide,
1.72 in (4.4 cm) high,
15.6 in (39.7 cm) deep.

Weight:
4CH: 17.0 lbs (7.7 kg)
8CH: 23.6 lbs (10.7 kg)

Installing the XFMR-4 and XFMR-8



CAUTION: Before you begin, make sure your amplifier is disconnected from the power source, with the power switch in the “off” position and all level controls turned completely down (counterclockwise).

Use a standard 19-inch (48.3-cm) equipment rack (EIA RS-310B) to install the XFMR-4 and XFMR-8.

CONSTANT-VOLTAGE TRANSFORMER PANEL



Choose Output Wire and Connectors

Crown recommends using professionally constructed, high quality, two- or four-conductor, heavy gauge speaker wire and connectors. The XFMR box is fitted with pluggable barrier block connectors that will accept 14 AWG wire.

Wire Your System

Refer to the chart in Figure 1 to determine the proper wiring of your constant-voltage system.

CAUTION: Never use shielded cable for output wiring.

Features

- Transformers provide four and eight channels of impedance matching for Constant-Voltage operation
- Provides 70V and 100V output when used only with Com-Tech DriveCore (CT 475, CT 875, CT 4150 and CT 8150)
- Allows amplifiers without direct Constant-Voltage capability to be easily integrated into distributed systems
- “Jumper” cables are provided to easily incorporate the XFMR unit with a Com-Tech DriveCore amplifier

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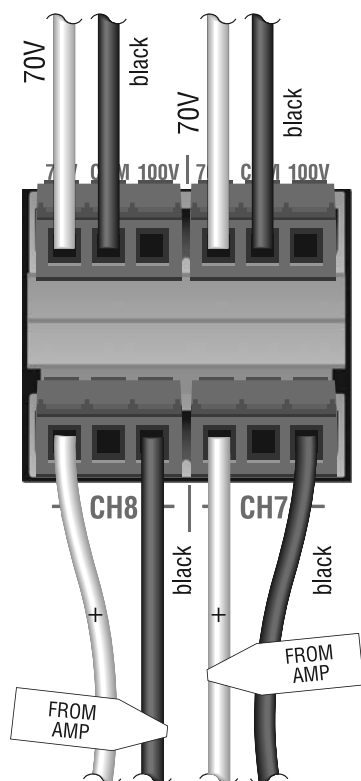


Figure 1. 70V Output

Minimum 40 Ohm per channel
for 70V output.

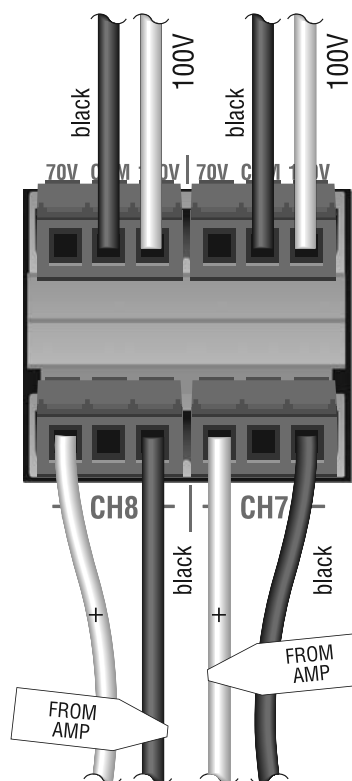


Figure 2. 100V Output

Minimum 80 Ohm per channel
for 100V output.

Crown's Three-Year, No-Fault, Fully Transferable Warranty

Crown offers a Three-Year, No-Fault, Fully Transferable Warranty for every new Crown amplifier product—an unsurpassed industry standard. With this unprecedented No-Fault protection, your new Crown amplifier product is warranted to meet or exceed original specifications for the first three years of ownership. During this time, if your unit fails, or does not perform to original specifications, it will be repaired or replaced at our expense. About the only things not covered by this warranty are those losses normally covered by insurance and those caused by intentional abuse. And the coverage is transferable, should you sell your unit.

See your authorized Crown dealer for full warranty disclosure and details. For customers outside of the USA, please contact your authorized Crown distributor for warranty information or call 574-294-8200.



Crown International
1718 W. Mishawaka Rd.
Elkhart, IN 46517-9439
TEL: 574-294-8200
FAX: 574-294-8FAX
www.crownaudio.com

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