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Find the *Crown 660A* at our website: ***Click HERE***

660A

COMMERCIAL AUDIO SERIES



The Crown® 660A is a six-channel amplifier for commercial and industrial audio. It provides 4-ohm and constant-voltage outputs (70V and 100V) on channels 1 through 4, and 4-ohm outputs on channels 5 and 6.

The 660A has six inputs and six 60W power amplifier channels for multi-zone systems. It can drive different types of speakers in different areas of a facility.

Some applications include schools, hospitals, factories, restaurant/retail, houses of worship, fitness facilities, A/V boardrooms, 5.1 surround systems, courtrooms, and prisons. Typical uses are paging, background music, security and evacuation instructions.

The amp is part of Crown's Commercial Audio Series, which also includes mixers and mixer-amps. These low-cost units provide all necessary features in a simple building-block format.

The sound system can be upgraded as a facility expands. For example, you can add more mixers for more inputs, or add more power amps (or mixer-amps) to handle more zones.

Features

- Six inputs, six 60W amplifier output channels; 4-ohm and 70V/100V outputs
- Ideal for commercial and industrial use
- Balanced Phoenix-type line inputs; touch-proofed screw-terminal speaker outputs
- Advanced protection system includes output current limiting, DC protection, circuit breaker/fuse, and thermal protection; details available online at www.crownaudio.com
- Three-Year, No-Fault, Fully Transferable Warranty completely protects your investment and guarantees its specifications

Specifications

Performance

Frequency Reponse (at 1 watt from 4-ohm tap): 70 Hz to 19 kHz +/- 1 dB.

Frequency Response (at line out): 20 Hz to 20 kHz +/- 1 dB.

Power Bandwidth (at 4-ohm tap, 2 dB below maxium 1 kHz power): 50 Hz to 20 kHz with < 0.5% THD.

Signal to Noise Ratio (ref. to rated power, master volume at minimum): 85 dB.

DC Output Offset: < ±5 mV.

THD: Less than 0.5% at rated power at 1 kHz.

Input Sensitivity (for full output at maximum gain): 800 mV.

Input Impedance (nominal): 100 kilohms.

Minimum Load Impedance:
100V output: 160 ohms.
70V output: 80 ohms.
4-ohm output: 4/8 ohms.

Crosstalk (all controls at "10"): –70 dB at 1kHz.

Load Impedance:
Ch. 1-4: 4 ohms and 70V/100V.
Ch. 5-6: 4 ohms.

AC Line Voltages Available:
100V 50/60 Hz
120V 60 Hz
220V 50/60 Hz
230V 50/60 Hz
240V 50/60 Hz

AC Voltage Tolerance: +10%/–20%.

Operating Temperature/Humidity: 0° C to 40° C at 95% relative humidity (non-condensing).

Storage Temperature: –20° C to 85° C.

Front Panel Controls and Indicators

Power Switch: Pushbutton on-off switch.

Power Indicator: Blue LED indicates power on.

Output Signal Presence Indicator: Green LED, one for each output channel, illuminates when output signal level exceeds 100 mV (45 dB below full power) from the 4-ohm tap.

Clip Indicators: Red LED, one per output channel. Illuminates at threshold of audible distortion.

Volume Controls: One per output channel. Detented potentiometer with knob.

Tone Controls: Bass and Treble non-detented potentiometers on each channel. Bass ±10 dB at 100 Hz, Treble ±10 dB at 10 kHz.

660A	*1 kHz Power
Minimum guaranteed power into 4 ohms or 70V/100V output	**60W**

*1 kHz Power: refers to maximum power in watts at 1 kHz with 0.5% THD.

Back Panel Controls and Connectors

Reset Switch: Resets the circuit breaker that protects the power supply. 220/230/240V units have a fuse instead.

Input Connectors: Detachable 3-pin Phoenix-type, high-impedance balanced, one per channel.

AC Power Inlet: Detachable IEC.

Amplifier Outputs Connectors: One per channel, 4-position terminal strip with COM (Common), 4 ohms, 70V and 100V terminals for channels 1-4 and one 4-position terminal strip (4 ohms, + and – for each channel) for channels 5 and 6. Accepts up to 10 AWG terminal forks. Non-touch cover included.

VCA Connector: Each pair of channels has a 4-pin Phoenix-type connector for two VCA control lines of +10 VDC and ground. Compatible with Crown 1-VCAP and 4-VCAP modules.

Cooling

Convection cooled.

Protection

Current Limit Protection: Included.

Thermal Limit Protection: Over-temperature thermal cutout.

DC-Fault Load Protection: Included.

Turn On/Turn Off: No thumps or pops.

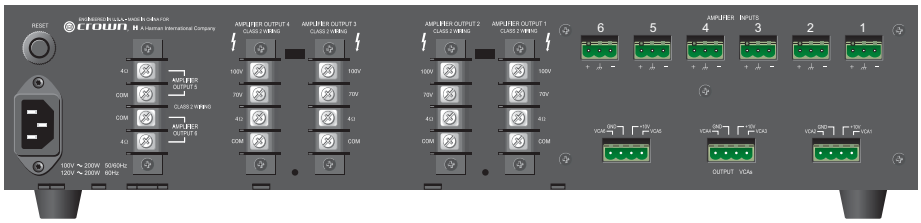
Included Accessories

Power cord
Detachable rack ears
Screws for rack ears
Non-touch cover for output connectors
Phoenix-type connectors
Spade lugs

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INSTALLED

660A



660A back panel

Optional Accessories

1-VCAP remote volume control for one channel.
4-VCAP remote volume control for four channels.

Dimensions

EIA Standard 19-inch (48.3-cm) rack mount width (EIA RS-310-B) with rack ears, 3.5-inch (8.9-cm) height and 12.2-inch (31.0-cm) depth behind the mounting surface (not including non-touch cover). 4.1 inches (10.5 cm) high including feet. 13.9 inches (35.2 cm) deep from front of knobs to back of non-touch cover.

Weight

Net Weight:
30.3 lb (13.7 kg)

Shipping Weight:
35.3 lb (16.0 kg)

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

Crown offers a Three-Year, No-Fault, Fully Transferable Warranty for every new Crown amplifier-—an unsurpassed industry standard. With this unprecedented No-Fault protection, your new Crown amplifier is warranted to meet or exceed original specifications for the first three years of ownership. During this time, if your amplifier 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 amplifier.

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

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