

HP™ 8 Professional Mixing Console



Bridging the world between high quality audio designs and efficient construction techniques, the Crest Audio HP-Eight enters the market filling the increasing needs of the professional install and portable markets.

The HP-Eight professional mixing console combines Crest's legendary high-quality audio design with modern, efficient construction. The HP-Eight is available in easily portable 24-channel and 32-channel models, as well as installation-size 40, 48 and 56-channel models, making this console ideal for a variety of medium-capacity live performance venues and houses of worship. This quality console also includes 10 aux sends on each mono input channel for use as a monitor mixer, plus five stereo line input channels with EQ, bus assignment and aux sends.

FEATURES:

- 24 Mono input channels - 8 analog subgroups - Left, Right, and Mono outputs
- 5 Stereo Line Input channels on faders with EQ, bus assignment, and aux sends
- Mono input channels have individual 48-volt phantom power, pad and polarity reverse switches
- 4-band equalizer on Mono inputs with two swept mid frequencies and fixed frequency high-pass filter
- 10 Auxiliary sends on mono input channels enables the console to be used as a monitor mixer
- Direct output on all mono input channels
- "Fader flip" function on aux outputs places aux masters on 100mm faders in place of groups and L/R
- 100mm high-quality faders on mono inputs, groups and separate left, right, and mono outputs
- 4-channel scene mute system
- TRS Inserts on Mono inputs and all main buses (Auxes, Groups, L/R/M)
- Full talkback and monitor systems
- Modular input blocks of 8 channels
- Internal Power supply with connector for external, redundant supply
- 2 channel matrix system
- Designed and manufactured in the U.S. by the same people who brought you the Century Series, X-Series, X-Rack Series, and V12 consoles

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Frequency response:	20 Hz–20 kHz • +0/-0.5 dB Any input to any output (Ref 1kHz @ +15dBu output level)
T.H.D. + noise:	Chan Input to Group or Main Output (Left/Right/Mono) <0.01% THD 20 Hz to 20 kHz at +15 dBu out (0.005% Typical)
Noise:	(22 Hz to 22 kHz Bandwidth) Mic EIN: <-127 dBu (Measured @+60 dB gain, 150Ω source) Bus Noise: Below -80 dBu (w/32 Channels Routed), Residual output noise >-90dBu
Crosstalk:	(Measured 20 Hz-20 kHz, Ref to +15 dBu output) Channel Mute >90 dB Channel Routing >85 dB Channel fader attenuation >85 dB Aux Send attenuation >80 dB
Phase shift:	<+/-30 degrees 20 Hz to 20 kHz Mic in to Main out
XLR inputs:	2.5k Ohms Balanced
Max voltage gain:	Mic-In To Group To Left/Right Balanced Out = 90 dB
Main outputs:	L/R/Mono - Male XLR, 100Ω Balanced, +28 dBu Max Output Level
Group outputs:	50Ω ground-compensated/impedance-balanced TRS, +22 dBu Max Output Level
Auxiliary outputs:	50Ω ground-compensated/impedance-balanced TRS, +22 dBu Max Output Level
Insert points:	TRS jack - Tip = Send, 100Ω impedance, +21 dBu Max Output Ring = Return, 5kΩ input impedance Channel insert level = +4dBu, Bus insert level = -2dBu
Internal power supply:	Internal: 100-240 VAC, 50/60 Hz via IEC mains connector External: 7-pin DC connector provided for redundant power supply

Note: Use only Crest approved power supplies for the HPW and HPWA - (EPS-3: 03003140)

Country of manufacture: United States

Weight And Dimensions:

HPW/HPWA 20 (20+4) Ch Inches: 46.5 X 28 X 9 MM: 1175 X 702 X 229
HPW/HPWA 32 (32+4) Ch Inches: 56.5 X 28 X 9 MM: 1424 X 702 X 229
HPW/HPWA 36 (36+4) Ch Inches: 66.0 X 28 X 9 MM: 1673 X 702 X 229
HPW/HPWA 44 (44+4) Ch Inches: 76.0 X 28 X 9 MM: 1922 X 702 X 229
HPW/HPWA 52 (52+4) Ch Inches: 86.0 X 28 X 9 MM: 2171 X 702 X 299

Weight: 72 lbs 33 kg
Weight: 90 lbs 41 kg
Weight: 110 lbs 50 kg
Weight: 125 lbs 57 kg
Weight: 145 lbs 66 kg

Dimensions are Width X Depth (Front-to-Back) X Height

NOTE: Call for detailed chassis drawings before attempting to build a road case.

Warranty Five years parts and labor

Crest Audio reserves the right to make improvements in manufacturing or design which may affect specifications. Crest Audio Inc.



Logo referenced in Directive 2002/96/EC Annex IV
(OJ(L)37/38,13.02.03 and defined in EN 50419: 2005
The bar is the symbol for marking of new waste and
is applied only to equipment manufactured after
13 August 2005



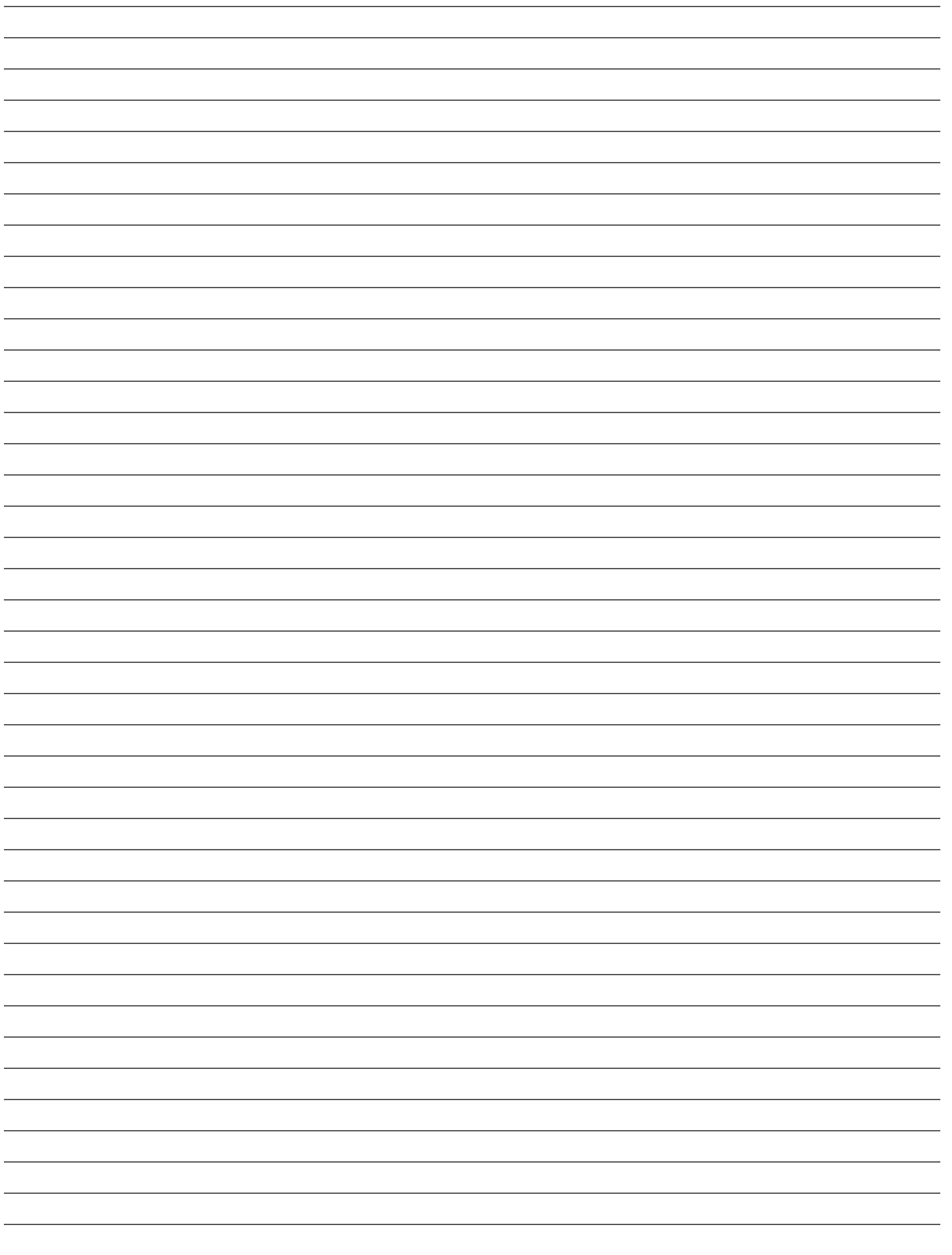
Commercial Audio

Features and specifications subject to change without notice.

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FCC Compliancy Statement

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, that may cause undesired operation.

Warning: Changes or modifications to the equipment not approved by Peavey Electronics Corp. can void the user's authority to use the equipment.

Note - This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try and correct the interference by one or more of the following measures.

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

