



Features

Crown's DSi 8Mn is a projection booth monitor designed to work with digital cinema systems using the Crown DSi Series amplifiers. Created to meet remote-level and remote-audio monitoring requirements, the DSi 8Mn is an integral part of Crown's cinema solutions.

- Monitoring of processor or amplifier outputs
- All inputs and outputs are balanced to interface with modern amplifiers
- Levels for processor and power amp monitoring can be adjusted independently
- Bar graph display can be calibrated to the cinema reference level so projectionists can see accurate auditorium levels
- Phoenix and HD-15 connectors for inputs and outputs
- Ethernet RJ45 connector allows remote viewing of bar graphs and live audio streaming to server rooms or NOC centers
- Monitor bi-amp systems
- Up to four subwoofers

DSi 8Mn



DSi 8Mn

Front Panel

Channel Select Buttons: All eight switches, one for each input channel, monitors the signal from the channel and lights the corresponding LED. Any combination of channels can be selected.

Volume Control: Rotary potentiometer with knob controls the volume of internal or external speaker. Has no effect on the VU Bargraph Meter.

Processor/Amplifier Switch: Switch with corresponding LEDs selects inputs from cinema processor or power amplifiers for monitoring.

VU Bargraph Meter: 12-segment meter displays input level of selected channels from -40 VU to +3 VU. May be calibrated by rear-panel trim adjustment and operates independently of Volume Control.

Test Jack: Inserting a 1/4" jack lets the user monitor audio output.

Rear Panel

AC Power Inlet: 100-240Vrms, 50/60Hz, 360mA, 40W

Ethernet: 10/100Mbps

Amplifier Returns Terminal Block: Left High, Left Low, Center High, Center Low, Right High, Right Low, Left Surround, Right Surround, Low Right Surround, Rear Right Surround, Spare, Low-Frequency Effects, and Effects.

Surround & LFE Terminal Block: Left Surround, Right Surround, Effects, Low Right Surround, Rear Right Surround, Low-Frequency Effects, and Spare; also has 'Line Out' terminals.

Screen & LFE Terminal Block: Left High, Left Low, Effects, Right High, Right Low, Center High, Center Low, and Low-Frequency Effects.

HD-15 Connectors: Lrs/Rrs, SPARE, LFE3/LFE4, RI/Rh, LFE1/LFE2, LI/Lh, and CI/Ch all connect to amplifiers for both input and output signals.

Crossover & Spare Inputs: Receives audio for the left, center and right channels from the processor or crossover.

Main Inputs: Connection point from the cinema processor over 25-pin connector.

HI/VI-N Out: Receives Hearing Impaired (HI) and Visually Impaired (VI) signals from the processor.

Performance Specifications

DSi 8Mn

Input Impedance (processor inputs)

10k Ω

Input Impedance (amplifiers inputs)

>50k Ω

Power Requirements

100-240Vrms, 50-60Hz, 32W

Physical Specifications

Width

16.9 in. (42.9 cm)

Height

10.4 in. (26.3 cm)

Depth

3.4 in. (8.6 cm)

Net Weight

9.6 lbs 2 oz. (4.4 kg)

Shipping Weight

15 lbs (6.8 kg)