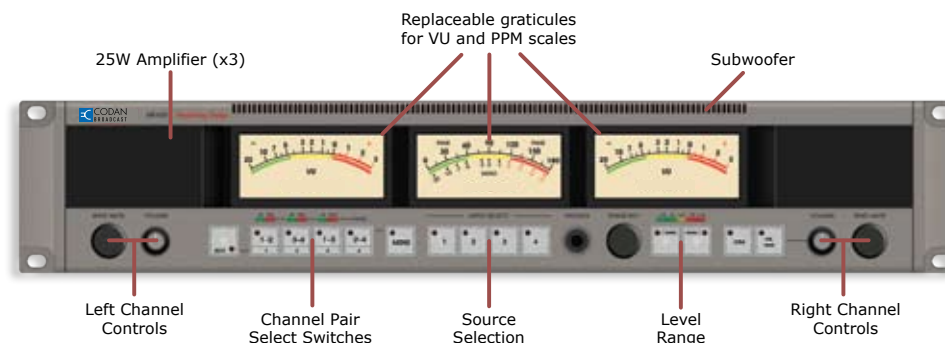


Key Features

- ▶ LED offers selectable VU, VU + Peak and PPM metering options
- ▶ Precision monitoring LED meters
- ▶ Inbuilt speakers (2) and subwoofer
- ▶ Input and output options including AES/EBU, embedded SDI and Analogue Audio
- ▶ Ability to change metering scheme at no extra cost
- ▶ VCA controlled outputs
- ▶ Phase display
- ▶ Audio monitoring of up to 16 channels

Ordering Information

MB-630 LED	Analogue Audio Monitoring Bridge, LED Metering
MB-630 LC VU	Analogue Audio Monitoring Bridge, VU Metering
MB-AES	AES/EBU decoder input option for MB-630
MB-SDI/DE	SD Analogue Audio De-embedder input option with 4 x 1 SD switcher



Overview

The MB-630 is a high performance audio monitoring bridge that can switch across four audio sources, with each source containing up to four channels. The standard MB-630 precision monitoring bridge is available in two options: analogue meter option and LED meter option (provides the ability to select VU, VU + Peak or PPM metering) without having to purchase and install optional meters.

With LED meters, the MB-630 can be configured and changed in the field, enabling easy conversion between PPM and VU meter scales. Precise calibration mode ensures accurate level metering.

The standard MB-630 comes factory fitted with analogue audio inputs. Rear panel options may also be installed in the field for switching embedded SDI video along with AES/EBU or analogue audio inputs. Fitting the AES/EBU option also enables any of the audio inputs to be patched externally to be either analogue or digital.

Speaker volume is controlled by two VCAs, enabling remote control of the speaker volume as well as remote muting. External speakers, amplifiers or waveform displays may be connected via the rear connector that carries dedicated outputs for these applications.

Meter Options



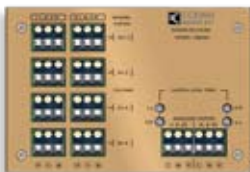
VU Meter Option



PPM Meter Option

Input Options

MB-AES AES/EBU



The AES/EBU input option for the MB-630 provides a total of eight transformer isolated 110 AES/EBU inputs arranged in four sets of two. The decoded AES/EBU outputs of the switcher may be patched to any of the analogue inputs to provide a mix of analogue and digital inputs.

DEM-1821 SDI De-embedder



The SDI De-embedder Option module extracts four channels of AES/EBU digital audio from any of four SDI inputs. The module has on-board digital-to-analogue converters so it can be directly interfaced to the standard analogue input module of the MB-630.

The SDI inputs on the de-embedder module follow the switching of the standard analogue input module, which makes it possible to use a combination of standard analogue sources and extracted audio sources.



MB-630 Rear [Standard Model]

Technical Specifications

INPUTS	
Connectors	2 channel balanced 3-way screw terminal connectors 75 Ω BNCs (for SDI De-embedder Option)
Sources	4 x 4 channel sources or 8 x 2 channel sources
OUTPUTS	
Connectors	2 channel balanced 3-way screw terminal connectors
Output Amplifiers	3 x 25 W
Output Speakers	2 x 80 mm magnetically shielded speakers (Left and Right) 1 x magnetically shielded subwoofer
PERFORMANCE	
Meters	3 x 48 segment High Performance LED (16 x 3 Colours) meters or Analogue precision VU
Audio Gain Adjustment	-10 dBu or +4 dBu nominal working level
GENERAL	
Rear Connectors	Speaker out Line out VCA control input

Specifications subject to change without prior notice.