

8•BUS ADD-ONS

METER BRIDGE • CONSOLE STAND

METER BRIDGE



1. GENERAL

CONFIGURATION. The Mackie 8•Bus Meter Bridge shall be provided as a user-installable display option for the Mackie 8•Bus Series Consoles and shall include mounting hardware, interface cabling and instructions. The Meter Bridge frame shall be formed of painted steel, and a model shall be available to fit each of the four 8•Bus Console configuration options.

2. MECHANICAL SPECIFICATIONS. The Meter Bridge frame shall have a display face 3.20" in height, and shall have a width of 45.80" (MB•32), 37.00" (MB•24), or 29.15" (MB•16 and MB•E). At each end of each Meter Bridge frame shall be a mounting ear designed to accommodate mounting and rotation on the appropriate Mackie 8•Bus Console by means of collar pieces and associated hardware. Each Meter Bridge frame shall accommodate 32 (MB•32), 24 (MB•24) and (MB•E), or 16 (MB•16) LED ladder-type meters. Additionally, the MB•32, MB•24 and MB•16 shall be fitted with

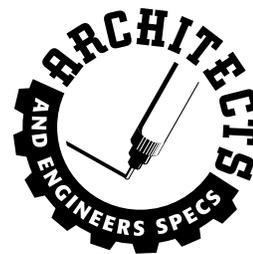
two 3" mechanical VU meters. The Meter Bridge shall have 5 (MB•32), 4 (MB•24), or 3 (MB•16) and (MB•E) access slots for interface connections.

3. DISPLAY. The Meter Bridge shall have a peak-reading LED ladder-type meter for each of the Console input/tape channels, and the MB•32, MB•24 and MB•16 shall have two additional mechanical VU meters for the Console main outputs. All the display meters in the Meter Bridge shall be electronically buffered. The LED meters shall have 12 segments, displaying a range of -40 dB to +10 dB. The 0 dB reference level for the LED meters shall be either +4 dBu. The VU meters shall be calibrated to read 0 VU for a level of +4dBu measured at the Console main outputs.

4. INTERFACE CABLING. Depending on the model, the Meter Bridge shall have 3, 4 or 5 ribbon-type interface cables, each positioned and terminated in a manner to easily connect to the corresponding interface sockets on the Mackie 8•Bus Console frame.

5. POWERING. All powering for the Meter Bridge will be provided by the Mackie 8•Bus Console through the interface ribbon cables.

6. LED LADDER METER INPUT SWITCHING. The Meter Bridge shall have a



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two-position switch which shall globally switch all the LED meters to one of two sources available from the Console: the multitrack tape return or the channel direct output.

7. INSTRUCTIONS. The Meter Bridge shall include complete, illustrated and user-friendly assembly instructions, which shall conform to existing Mackie standards for technical literature without being actually misleading.

8. DESIGNATION. The Meter Bridges shall be designated according to size and con-

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figuration: The meter bridge incorporating 32 LED meters and 2 VU meters shall be a Mackie **MB•32**.

The meter bridge incorporating 24 LED meters and 2 VU meters shall be a Mackie **MB•24**. The meter bridge incorporating 16 LED meters and 2 VU meters shall be a Mackie **MB•16**. The meter bridge incorporating 24 LED meters and no VU meters shall be a Mackie **MB•E**.

CONSOLE STAND



1. GENERAL CONFIGURATION. The Mackie 8•Bus Console Stand shall be provided as a user-assembled kit, consisting of a left and a right Stand Leg, a Horizontal Stand Panel and associated hardware and instructions. The Stand Legs and Panel shall be formed of painted steel, and a kit shall be available to fit each of the four 8•Bus Console configuration sizes. The Console Stand shall securely support an appropriately configured Mackie 8•Bus Console at a nominal

29 inches above the floor.

2. STAND LEGS. The left and right Stand Legs shall be common in design for all four configuration sizes. Each Leg shall have an angled riser panel, 12" wide and approximately 26.8" high, with a mounting flange at the top and a weighted foot at the bottom. The weighted foot shall be 22.5" in length and shall extend toward the front of the Console for proper balance. The underside of each foot shall be fitted with two steel glides, adjustable in height to compensate for uneven floors. The mounting flange on the top of each Stand Leg shall be pre-drilled and designed to mate with the existing mounting holes on the 8•Bus Console series. Additionally, the Stand Legs shall have tapped screw holes provided to mount the Horizontal Stand Panel.

3. HORIZONTAL STAND PANEL. The Horizontal Stand Panel shall be designed and formed to provide a stable cross-link between the two Stand Legs. The Panel shall be pre-drilled to mate with the existing mounting holes on the Stand Legs. The Horizontal Stand Panels shall be made in three lengths.

4. INSTRUCTIONS. The Console Stand shall include complete, illustrated and user-friendly assembly instructions, which shall conform to existing Mackie standards for technical literature without being actually misleading.

5. DESIGNATION. The Console Stands shall be designated according to Horizontal Panel size: The Stand incorporating the 40.3" long Horizontal Panel shall be a Mackie **32STD**, and shall mate with a Mackie 32•8 console. The Stand incorporating the 31.5" long Horizontal Panel shall be a Mackie **24STD**, and shall mate with a Mackie 24•8 console. The Stand incorporating the 23.7" long Horizontal Panel shall be a Mackie **16STD**, and shall mate either a Mackie 16•8 or a 24•E console.



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