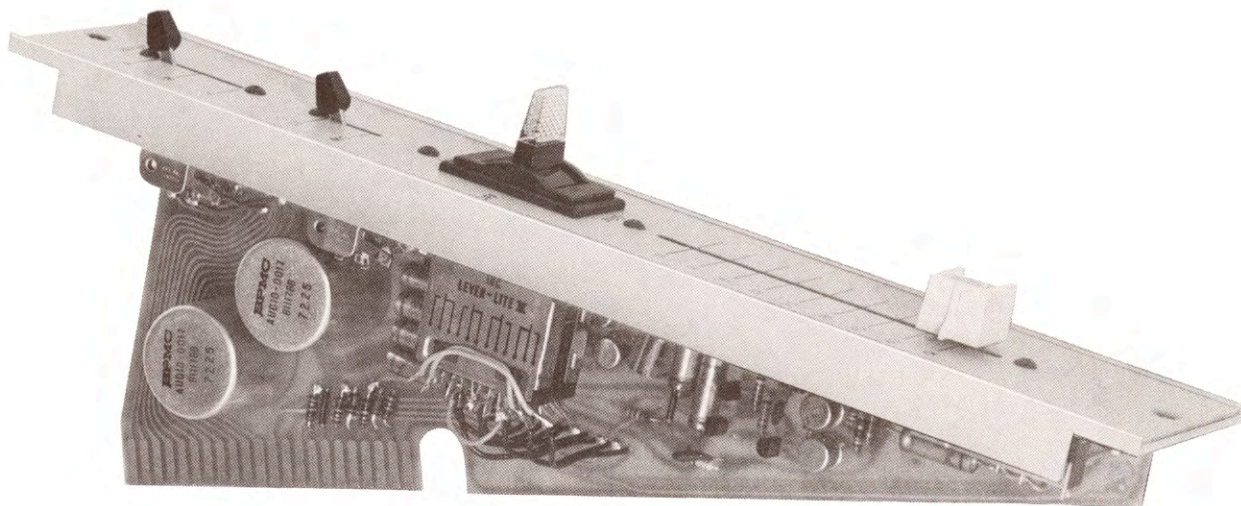


# Universal Audio MOD ONE INPUT MODULES

FOR MOH 110, MOH 210  
BROADCAST CONSOLES



The modern, modular design of UREI's Mod One broadcast consoles provides a wide choice of plug-in input modules to meet specific requirements in AM and FM broadcasting. All modules mate automatically in any of the 10 module positions of the MOH-110 or MOH-210 consoles, allowing optional organization of console functions with minimum installation labor. Blank modules may be installed in unused positions, and used for custom controls, etc., or future expansion.

All modules have a rugged extruded aluminum frame, overlaid with a pale green vinyl-clad steel faceplate. Designations are permanent black. Circuitry is on military-grade glass-epoxy printed cir-

cuit boards, with gold plated edge contacts which mate with a gold-plated connector on the console mother board. Two Allen-head screws attach the module to the chassis frame.

Switches are silent-action. PGM-OFF-AUD switches are illuminated Switchcraft Lever-Lite type. Vertical faders are long-life, smooth, conductive plastic, with cue switches (where applicable) operated when the fader is below the detented OFF position.

All modules have high quality input transformer isolation for balanced (floating) or unbalanced sources.

**UREI**

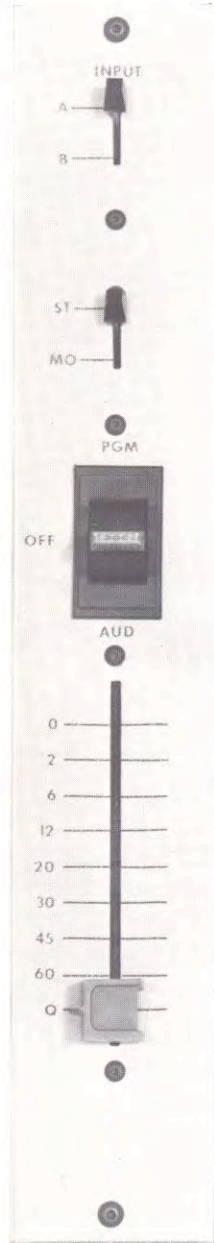
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**UR** company

FOR  
MOH 110,  
MOH 210

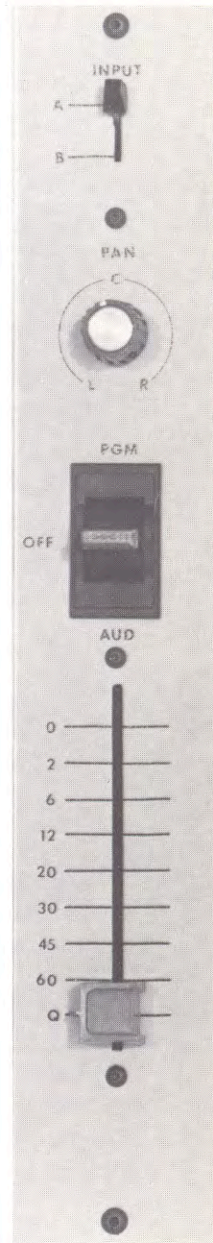


**MOD 23220 — Stereo Microphone Module**

- Input selector switch for two alternate stereo microphone pairs (dual). Both pairs may be padded at console input terminals for high output mikes, or line.
- PGM-OFF-AUD. Switch, with muting contacts brought out to console terminals. Can supply NO/NC contacts or 24 vdc for external relay.
- Floating transformer inputs.
- Vertical fader (no cue switch).
- MONO/STEREO switch. Feeds both inputs to both outputs for single microphones.

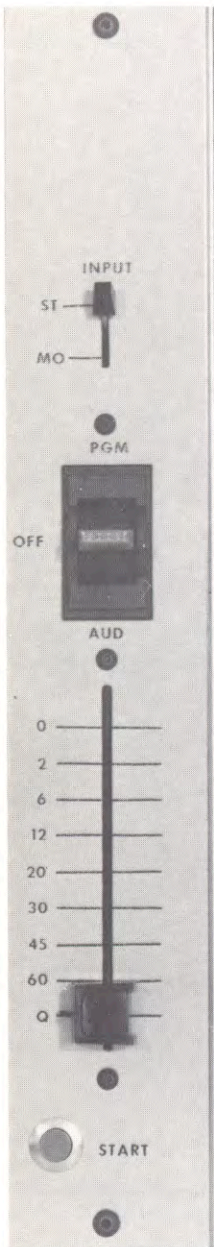
**MOD 13210 — Monaural Microphone Module**

- Same as 23220, except all functions monaural.
- No MONO/STEREO switch.



**MOD 13220 — Monaural Microphone Module with Stereo Panpot**

- Input selector switch for two monaural microphone inputs.
- Panpot — pans module output across two (stereo) buses. -3 dB on each bus at pot center, to full signal at either left or right.
- PGM-OFF-AUD switch. (Same as 23220)
- Floating transformer input.
- Vertical fader (no cue switch).
- No MONO/STEREO switch.



**MOD 24120 —  
Stereo Cartridge Module**

- One stereo input only (no input switch). May be padded at console input terminals for any level  $-50$  to  $+4$  dBm, to terminate or bridge any stereo source.
- PGM-OFF-AUD switch, (Same as 23220)
- Floating transformer inputs.
- Vertical fader with cue switch.
- Momentary contact push button for remote start of source player. (N/O contacts brought out to console terminals.)
- MONO/STEREO switch (Same as 23220).

**MOD 14110 —  
Monaural Cartridge Module**

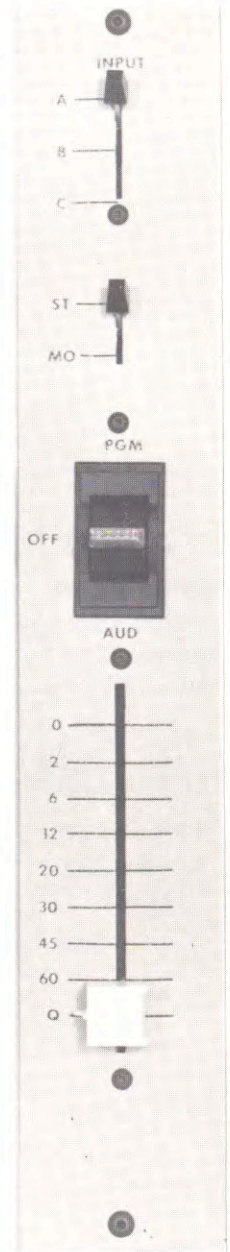
- Same as 24120, but all functions monaural.
- No MONO/STEREO switch.

**MOD 25320 —  
Stereo Triple-Line Module**

- Input selector switch for three stereo inputs. (All inputs may be padded at console input terminals for any level  $-50$  to  $+4$  dBm.)
- MONO/STEREO switch. (Same as 23220)
- PGM-OFF-AUD switch. (Same as 23220)
- Floating transformer inputs.
- Vertical fader with cue switch.

**MOD 15310 —  
Monaural Triple-Line Module**

- Same as 25320 except all functions monaural.
- No MONO/STEREO switch.



**MOD 00000 — Blank Module**

- Occupies unused positions in MOH-110 or MOH-210 console housings.
- May be used for custom additions.

## GENERAL ELECTRICAL SPECIFICATIONS

<b>Source Impedance</b>	:	150 ohms bridging.
<b>Input Configuration</b>	:	Balanced — transformer coupled.
<b>Input Sensitivity</b>	:	-54B — nominal (-64 dB maximum).
<b>Frequency Response</b>	:	$\pm 1$ dB, 30 Hz to 20 kHz.
<b>Distortion</b>	:	Less than 0.25%, 30 Hz to 20 kHz.
<b>Noise Generation</b>	:	-124 dBm equivalent input signal.
<b>Power Required</b>	:	$\pm 24$ VDC @ 80mA (Supplied by Console).

All modules have identical specifications, but different switching functions.

### USER OPTIONS

All MOD input modules have identical gain structure. **Any** model may be used for various combinations of mic/line inputs. For example, MOD-15310 (monaural, triple-line) might be optionally used for one microphone and two line inputs, or vice-versa. "Microphone" modules may be ordered with cue switches, at extra cost, for optional line input usage.

