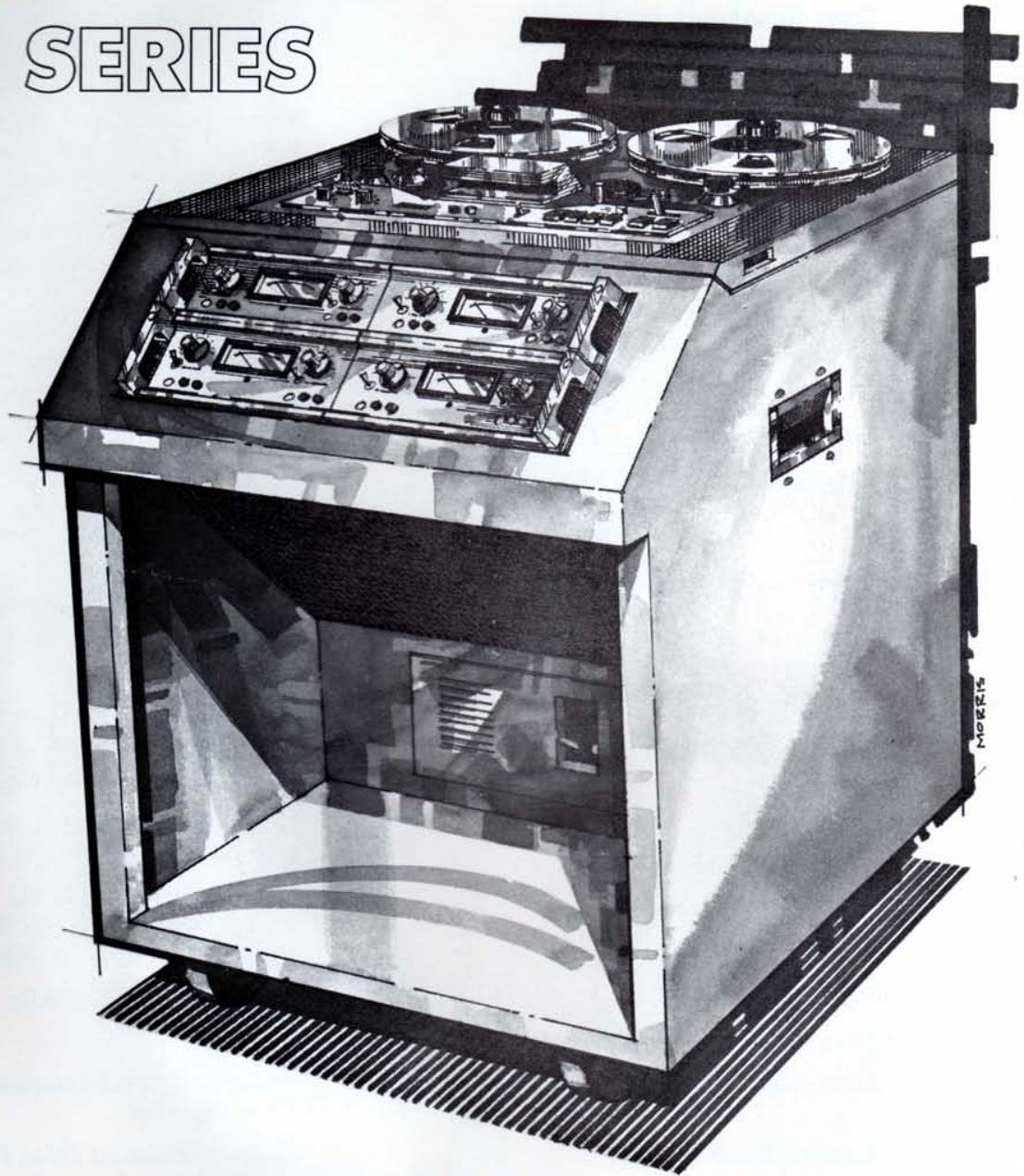


**MCI**

PROFESSIONAL STUDIO EQUIPMENT

JH-110 SERIES



PROFESSIONAL  
1/4 AND 1/2 INCH RECORDER

**MCI**

4007 N. E. 6th Avenue, Ft. Lauderdale, Florida 33308  
Phone: (305) 566-2853 Telex: 51-4362

## PRELIMINARY JH-110 TRANSPORT AND ELECTRONICS SPECIFICATIONS

Reel Size	3" to 11-3/4"
Tape Tension	4 Oz, Supply and Take Up Servo Controlled—Constant All Speeds and Reel Sizes
Capstan Drive	Phase Locked D. C. Speed Variable 5 to 45 I. P. S. or 2.5 to 22 I. P. S. Dependent on Capstan Diameter
Fixed Tape Speeds	3-3/4, 7-1/2, 15           Dependent on or                           Capstan Diameter 7-1/2, 15, 30
Flutter and Wow	.05% DIN at 15 I. P. S.
Start Time	.2 Seconds at 15 I. P. S. on 7-1/2, 15, 30 I. P. S. Capstan
Rewind Time	85 Seconds for 2,400 Feet
Frequency Response at 15 I. P. S.	Reproduce—30 Hz-16KHz $\pm 2$ db Cue———30 Hz-16KHz $\pm 3$ db Record——30 Hz-16KHz $\pm 3$ db
Signal to Noise (30 to 18 KHz)	2 Track Reproduce—62 db Below +4 dbm Cue———60 db Below +4 dbm Record and Erase Less Than 4 db Noise Added to Bulk Erased Tape
Depth of Erase	Greater Than 75 db Below 0 VU
Electronics Distortion	Less Than .1% THD at 1 KHz Less Than .2% IM 60 and 6000—4:1
Input	Level -15 to +24 dbm for 0 VU Impedance 10,000 Ohms Balanced
Output	Level +4 dbm for 0 VU Source Impedance 50 Ohm Balanced Maximum Output at Clipping, +24 dbm
Equalization	3 Speed NAB Internally Switchable to CCIR
Bias and Erase Frequencies	120 KHz
Bias Adjustment	Separate Bias Adjustment for Each of Three Speeds
Record Head-Room	Greater Than 20 db at 1 KHz at 15 I. P. S.
Cue	Switches Automatically to Input When Entering Record
Power Requirement	100 V-220 V Selectable, 50-60 Hz. Current Requirement for 120 V Operation, 4 Amps.
Height	35"
Width	25-1/4"
Depth	26"
System Weight	190 Pounds

April, 1974