JH-110 SERIES

PROFESSIONAL

1/4 AND 1/2 INCH RECORDER

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 or
7-1/2, 15, 30
Dependent on Capstan Diameter

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 ≥22 db
Cue—30 Hz-16KHz ≥3 db
Record—30 Hz-16KHz ≥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

120 KHz

Bias and Erase Frequencies
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

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