



PROFESSIONAL

VA AND V2 INCH RECORDER



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PRELIMINARY JH-110 TRANSPORT AND ELECTRONICS SPECIFICATIONS

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

26"

190 Pounds

Depth

System Weight