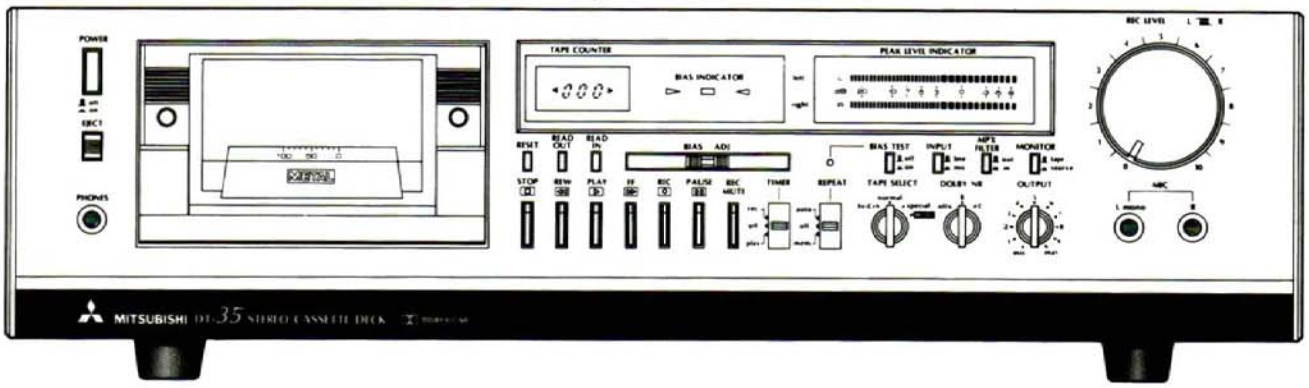
MITSUBISHI
AUDIO SYSTEMS

SERVICE MANUAL

STEREO CASSETTE DECK

MODEL DT-35



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MITSUBISHI ELECTRIC CORPORATION

SPECIFICATIONS

Type	4 track, 2 channel Stereo Cassette Deck.
Tape speed	4.75 cm/s (1-7/8 ips)
Tape speed accuracy	± 1%
Motor type	
Capstan motor	DC servo moror
Reel motor	DC motor
Head material	
REC/PB head	M&X Hard permalloy (Combination type)
Erase head	Sendust & Ferrite
Wow and flutter (Playback)	0.04% Wrms
Fast foward/rewind times	85 sec. (C-60) type
SN ratio	
(400 Hz, 3% THD, Weighted, Metal tape)	
Dolby NR off	58 dB
Dolby B-type NR	66 dB
Dolby C-type NR	74 dB
Frequency response	
(±3dB, record level 160 pwb/mm-20dB)	
Normal tape	30 – 16,000 Hz
Special tape	30 – 18,000 Hz
Metal tape	30 – 19,000 Hz
Fe-Cr tape	30 – 18,000Hz
Erasure ratio (1kHz)	65 dB
Closstalk (1 kHz)	
Between channels	35 dB
Between tracks	65 dB
Harmonic distortion	
(400 Hz 160 pwb/mm)	1% (special tape)
Sensitivity/impedance	
Mic input	0.3 mV (2.2 k ohms)
Line input	70 mV (47 k ohms)
Output level	
Line output	700 mV (22 k ohms Load)
Headphones	2 mW (8 ohms Load)
Bias frequency	105 kHz
Power consumption	30 W
Dimensions (W x H x D)	470 x 135 x 296 mm (18-1/2 x 5-3/8 x 11-5/8")
Weight	7.6 kg (16.8 lbs)

Noise Reduction System manufactured under license from Dolby Laboratories Licensing Corporation.
'Dolby' and the double-D symbol are trademaks of Dolby Laboratories Licensing Corporation.
Specifications of this unit are subject to change without notice for improvement.