

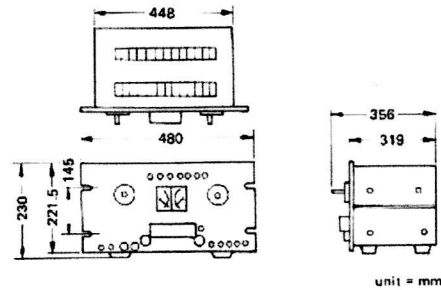
SPECIFICATIONS

Type	4-track, 2-channel stereo tape deck (Recording, playback with reverse playback)
Operation system	Solenoid drive, Pushbutton direct change system, Timer can be set for recording and playback.
Heads	Recording Head; 1 Erase Heads; 1 Forward playback Head; 1 Reverse playback Head; 1
Motors	Capstan drive motor; 1 (FG-system, AC servo, direct drive) Reel base drive motors; 2 (6-pole inner rotor induction type)
Acceptable Reel Size	7in (17cm)
Tape Speed	19cm/s (7-1/2ips), 9.5cm/s (3-3/4ips) ±0.5%
Fast Forward/Rewind Times	Less than 100 sec. with 7-inch reel and 370m tape
Wow and Flutter	Less than 0.05% WRMS (19cm/s) Less than 0.08% WRMS (9.5cm/s)
Signal-to-Noise Ratio	More than 58dB
Total Harmonic Distortion	Less than 1% (19cm/s)
Frequency Response	19cm/s 20Hz to 28,000Hz (30Hz to 24,000Hz ±3dB) 9.5cm/s 20Hz to 20,000Hz (30Hz to 16,000Hz ±3dB)
Crosstalk	More than 50dB
Channel Separation	More than 50dB
Erasure Rate	More than 70dB
Recording Bias Frequency	125kHz
Equalization	NAB Standards
Inputs (Sensitivity/Maximum allowable level/Input impedance)	MIC; 0.25mV/125mV/27k Ω , 6mm diam. jacks (suitable microphone, 250 Ω to 30k Ω) LINE; 50mV/25V/100k Ω , DIN; 16mV/8V/1.3k Ω , DIN standards
Outputs (Reference level/Maximum level/Load impedance)	LINE; 450mV/700mV/50k Ω , DIN; 450mV, 700mV/50k Ω , DIN standards HEADPHONES; 70mV/R Ω , 6mm diam. jack
Semiconductors	67 transistors (4 FET's, 5 IC's, 47 diodes (1 thyristor, 2 LED's, 4 Zener diodes, 2 varistors,)
Accessory Functions	<ul style="list-style-type: none"> • Pitch control (±6% of rated tape speed) • Auto reverse playback (with sensing tape: manual reverse is possible) • Auto repeat (counter-interlocked) • Recording mode switches (L, R independent) • Tape selectors: BIAS (STD/LH); EQ (STD/LH) • MIC/LINE mixing • Output volume controls • Pause indicator lamp
Power Requirements	AC 120V 60Hz
Power Consumption	120 watts, Max.
AC Outlets	Unswitched (300W max.) x 1
Dimensions	480(W) x 230(H) x 356(D)mm 18-29/32 x 9-1/16 x 14in
Weight	Without package; 20.0kg 44lb 10oz With package; 23.5kg 51lb 13oz

- Accessories
- 7in metal reel (Pioneer PR-85) x 1
 - Connecting cord with pin plugs x 2
 - Head cleaning kit x 1
 - Sensing tape x 1
 - Splicing tape x 1
 - Operating instructions x 1

NOTE:
Specifications and the design subject to possible modification without notice due to improvements.

Dimensions



Test Conditions:

1. Reference recording level: meter 0dB level (NAB standard reference level)
2. Reference signal: 1,000Hz
3. Wow & Flutter: at 3,000Hz weighted RMS
4. Frequency response: measured at -20dB level (19cm/s)
5. Signal-to-Noise ratio: measured at +6dB level
6. Total Harmonic Distortion: measured at reference recording level
7. Channel separation: measured at reference recording level
8. Channel crosstalk: measured at 0dB level (reference recording level)
9. Sensitivity: Input level (mV) for reference recording measured with input (recording) level control set at maximum position.
10. Maximum allowable input level: measured at the point where the output signal wave is clipped while gradually turning the input control.
11. Reference output level: meter 0dB level.
12. Maximum output (playback) level: Output level to reference recording level, measured with output (playback) level control set at maximum position.