

CT-F4242 KCU

SPECIFICATIONS

Systems	Compact cassette, 2-channel stereo
Motors	Electronically-controlled DC motor (built-in generator) x 1; (4.8 cm/s speed drive)
Heads	Recording/playback head x 1 Erasing head x 1
Fast Winding Time	Approximately 85 seconds (C-60 tape)
Wow and Flutter	No more than 0.08% WRMS (JIS), No more than $\pm 0.18\%$ WRMS (DIN)
Frequency Response	Standard, LH tapes: 30 to 14,000Hz (40 to 13,000Hz ± 3 dB) Chromium dioxide tape: 30 to 16,000Hz (40 to 15,000Hz ± 3 dB) Ferri-chrome tape: 30 to 16,000Hz (40 to 15,000Hz ± 3 dB)
Signal-to-Noise Ratio	Dolby OFF: More than 52dB Dolby ON: More than 62dB (over 5kHz, standard, LH tapes) (When chromium dioxide tape is used, signal-to-noise ratio is further improved by 4.5dB over 5kHz)
Harmonic Distortion	No more than 1.7% (0dB)
Inputs (Reference level/Maximum allowable input/Impedance)	MIC x 2; 0.2mV/45mV/10k Ω , 6mm ϕ jack (Reference MIC impedance; 250 Ω to 10k Ω) LINE (2-channel stereo); 50mV/25V/100k Ω DIN (REC/PLAY) x 1; Input & Output, 9mV/2.0V/2.2k Ω , 5p jack (DIN standard)
Outputs (Reference level/Load impedance)	LINE (2-channel stereo); 450mV/50k Ω DIN (REC/PLAY) x 1; 450mV/50k Ω (DIN standard) HEADPHONES x 1; 60mV/8 Ω
Semiconductors	Transistors; 32, Diodes; 15 (Zener Diode; 1, LEDs; 2), IC; 2
Subfunctions	• Dolby system (ON-OFF) with indicator lamp • Tape selector (STD/FeCr/CrO₂) • Cassette compartment illumination
Power Requirements	AC 120V, 60Hz
Power Consumption	15 watts.
Dimensions	380(W) x 150(H) x 316(D) mm. max. 14-15/16 x 5-7/8 x 12-7/16 in.
Weight Without package	7.2kg (16 lb)
Furnished parts	Stereo connecting cord with pin plugs; 2 Head cleaning kit; 1 Operating instructions; 1

NOTES:

- Reference Tapes : Standard & LH: DIN 45513/BLATT6 or equiv.
: CrO₂: DIN 45513/BLATT7 (CrO₂) or equiv.
- Reference Recording Level: Meter 0dB indicating level (160 nwb/m magnetic level = Philips cassette reference level).
- Reference Signal: 333Hz.
- Wow & Flutter: • JIS [3kHz, with acoustic compensation (weighted), rms value] • DIN [3150Hz, with acoustic compensation (weighted) PEAK value]; DIN 45507.
- Frequency Response: • Measured at -20dB level, DOLBY OFF, level deviation is ± 6 dB without indication • DIN is DIN 45500.
- Signal-to-Noise Ratio: • Measured at +4dB level (250nwb/m magnetic level = DIN 45513 specified reference level), IEC A curve with acoustic compensation (weighted) • DIN is DIN 45500.
- Sensitivity: Input level (mV) required for reference recording level with input (REC) controls set to maximum.
- Maximum Allowable Input: While decreasing settings of input (REC) level controls and increasing level at input jacks, this is the maximum input level (mV) at the point where recording amplifier output waveform becomes clipped.
- Reference Output Level: Playback output level when meter indicates 0dB.

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

CT-F4242

KCU



