

# 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 $\pm 3$ dB) Chromium dioxide tape: 30 to 16,000Hz (40 to 15,000Hz $\pm 3$ dB) Ferri-chrome tape: 30 to 16,000Hz (40 to 15,000Hz $\pm 3$ 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 $\Omega$ , 6mm $\phi$ jack (Reference MIC impedance; 250 $\Omega$ to 10k $\Omega$ ) LINE (2-channel stereo); 50mV/25V/100k $\Omega$ DIN (REC/PLAY) x 1; Input & Output, 9mV/2.0V/2.2k $\Omega$ , 5p jack (DIN standard)
Outputs (Reference level/Load impedance)	LINE (2-channel stereo); 450mV/50k $\Omega$ DIN (REC/PLAY) x 1; 450mV/50k $\Omega$ (DIN standard) HEADPHONES x 1; 60mV/8 $\Omega$
Semiconductors .....	Transistors; 32, Diodes; 15 (Zener Diode; 1, LEDs; 2), IC; 2
Subfunctions .....	<ul style="list-style-type: none"> <li>• Dolby system (ON-OFF) with indicator lamp</li> <li>• Tape selector (STD/FeCr/CrO<sub>2</sub>)</li> <li>• Cassette compartment illumination</li> </ul>
Power Requirements .....	AC 120V, 60Hz
Power Consumption .....	15watts.
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.  
: CrO<sub>2</sub>: DIN 45513/BLATT7 (CrO<sub>2</sub>) 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  $\pm 6$ 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.*

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