


# SPECIFICATIONS

<b>Semiconductors:</b>	611Cs, 116 transistors, 1 FET 138 diodes, 20 LED's	More than 48/57 dB (METAL, DOLBY-NR B OFF/ON)
<b>Power supply:</b>	H, HU models AC 120V/220V/240V switchable 50/60 Hz U model AC 120V, 60 Hz E model AC 220V, 50 Hz K, G models AC 240V, 50 Hz	More than 50/59 dB (CrO <sub>2</sub> , DOLBY-NR B OFF/ON) More than 46/55 dB (NORMAL, DOLBY-NR B OFF/ON) More than 48/64 dB (METAL, DOLBY-NR C OFF/ON) More than 50/60 dB (CrO <sub>2</sub> , DOLBY-NR C OFF/ON) More than 46/60 dB (NORMAL, DOLBY-NR C OFF/ON)
<b>Power consumption:</b>	40W	
<b>Dimensions:</b>	420(W) x 110(H) x 280(D) mm [16-1/2" x 4-3/8" x 11-1/4"]	<b>Channel separation:</b> (1 kHz, 0VU) More than 30 dB
<b>Weight:</b>	5.5 kg (12.11 lbs)	<b>Cross talk:</b> (1 kHz, 0VU) More than 60 dB
<b>Track type:</b>	4 tracks 2 channels	<b>Erasing ratio:</b> (125 Hz, 0VU + 10 dB, METAL) More than 60 dB
<b>Tape speed:</b>	4.8 cm/s (1-7/8 ips) ± 1.5%	<b>Level drift:</b> (10 kHz) ± 0.5 dB
<b>Wow &amp; flutter:</b>	0.025% (WRMS)	<b>Level indication error:</b> (-20VU) ± 5 dB (-10VU) ± 3 dB (0VU) ± 1 dB (+2 ~ +6VU) ± 2 dB (+8 ~ +10VU) ± 2 dB
<b>Automatic stop system:</b>	Full auto stop	<b>ADMS time:</b> (ADMS LED light up time) 2.0 ± 0.5s. (POWER ON)
<b>Automatic shut-off action time:</b>	3 ± 1s.	<b>Bias frequency:</b> 85 kHz
<b>Pinch roller pressure:</b>	T side: 350 ± 30 g (3.43 ± 0.29N) S side: 165 ± 15 g (1.61 ± 0.15N)	<b>Frequency response:</b> (0 dB Rec. DOLBY NR C ON) METAL : 20 ~ 20,000 Hz ± 3 dB (-20 dB Rec.) 20 ~ 18,000 Hz ± 3 dB (0 dB Rec.) CrO <sub>2</sub> : 20 ~ 20,000 Hz ± 3 dB (-20 dB Rec.) 20 ~ 15,000 Hz ± 3 dB (0 dB Rec.) NORMAL : 20 ~ 19,000 Hz ± 3 dB (-20 dB Rec.) 20 ~ 11,000 Hz ± 3 dB (0 dB Rec.)
<b>Take-up torque:</b>	38 ± 10 g-cm (0.37 ± 0.11 mN·m)	<b>DOLBY-NR Effect:</b> (10 kHz, CCIR FILTER) More than 8 dB (DOLBY NR B-type) More than 16 dB (DOLBY NR C-type)
<b>FF &amp; rewind torque:</b>	150 <sup>+40</sup> <sub>-30</sub> g-cm (1.47 <sup>+0.39</sup> <sub>-0.29</sub> mN·m)	<b>Motor:</b> DC Servomotor for capstan DC motor for reels
<b>FF &amp; rewind time:</b>	60 ± 10s. (C-60)	<b>Head:</b> DX Combination head (for REC/PB) Double gab semdust head (for erase)
<b>Counter indication error:</b>	0 ± 3 digit (C-60)	<b>Inputs:</b> MIC maximum input sensitivity: 1 mV (200 Ω - 10 kΩ matched) LINE IN maximum input Sensitivity: 50 mV (more than 50 kΩ) LINE OUT/PLAY standard output level: 0.38V (0VU); suitable load impedance: more than 50 kΩ; Headphones: 8 Ω
<b>Cassette lid action time:</b>	0.8 ± 0.4s. (at normal temperature)	<b>Outputs:</b> Sensitivity: 50 mV (more than 50 kΩ) LINE OUT/PLAY standard output level: 0.38V (0VU); suitable load impedance: more than 50 kΩ; Headphones: 8 Ω
<b>Playback output:</b>	540 ± 50 mV	<b>Test tape:</b> METAL TTA-119MX NORMAL TTA-119J CrO <sub>2</sub> TTA-119G
<b>REC/PB output:</b>	380 mV	
<b>REC/PB distortion:</b>	Less than 1.5% (METAL) Less than 1.5% (CrO <sub>2</sub> ) Less than 1.5% (NORMAL) Less than 2.7 mV (NORMAL DOLBY NR OFF) Less than 1.5 mV (NORMAL DOLBY NR B) Less than 1.2 mV (NORMAL DOLBY NR C) Less than 2.0 mV (METAL, CrO <sub>2</sub> , DOLBY NR OFF) Less than 1.2 mV (METAL, CrO <sub>2</sub> , DOLBY NR B) Less than 1.0 mV (METAL, CrO <sub>2</sub> , DOLBY NR C) (WTD-A) Less than 1.2 mV (NORMAL DOLBY NR OFF) Less than 0.6 mV (NORMAL DOLBY NR B) Less than 0.6 mV (NORMAL DOLBY NR C) Less than 1.0 mV (METAL, CrO <sub>2</sub> , DOLBY NR OFF) Less than 0.5 mV (METAL, CrO <sub>2</sub> , DOLBY NR B) Less than 0.5 mV (METAL, CrO <sub>2</sub> , DOLBY NR C)	
<b>Playback noise:</b>	Less than 2.7 mV (NORMAL DOLBY NR OFF) Less than 1.5 mV (NORMAL DOLBY NR B) Less than 1.2 mV (NORMAL DOLBY NR C) (WTD-A) Less than 1.2 mV (NORMAL DOLBY NR OFF) Less than 0.6 mV (NORMAL DOLBY NR B) Less than 0.6 mV (NORMAL DOLBY NR C) Less than 1.0 mV (METAL, CrO <sub>2</sub> , DOLBY NR OFF) Less than 0.5 mV (METAL, CrO <sub>2</sub> , DOLBY NR B) Less than 0.5 mV (METAL, CrO <sub>2</sub> , DOLBY NR C)	
<b>REC/PB SN ratio:</b>	(400 Hz, 0VU) More than 44/47 dB (METAL, CrO <sub>2</sub> , DOLBY-NR B OFF/ON) More than 42/45 dB (NORMAL, DOLBY-NR B OFF/ON) More than 44/49 dB (METAL, CrO <sub>2</sub> , DOLBY-NR C OFF/ON) More than 42/48 dB (NORMAL, DOLBY-NR C OFF/ON)	
<b>REC/PB SN ratio:</b>	(Unweighted)	

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As to the disassembling instructions, refer to the service manual of AD-F660.