

AIWA® SERVICE MANUAL

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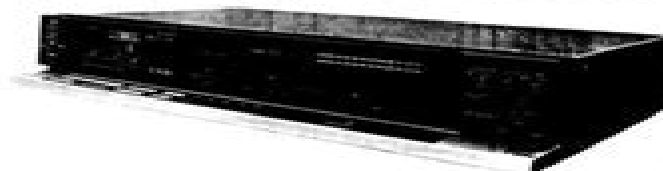
STEREO CASSETTE DECK

MODEL NO.

AD-F660

TYPE.

H, HU, U, C, E, K, G, Z



SPECIFICATIONS

Semiconductors:	17 ICs, 78 transistors, 29 diodes, 46 LED's
Power supply:	H, HU models AC 120V/220V/240V switchable 50/60 Hz U, C models AC 120V, 60 Hz E, Z models AC 220V, 50/60 Hz K, G models AC 240V, 50/60 Hz
Power consumption:	26W
Dimensions:	420(W) x 110(H) x 280(D) mm [16-1/2" x 4-3/8" x 11-1/4"]
Weight:	5.5 kg (12.11 lbs.)
Track type:	4 tracks 2 channel
Tape speed:	4.8 cm/s (1-7/8 ips)
Wow and flutter:	Less than 0.002% (WRMS) According to DIN 45500 0.09%
Automatic stop system:	Full auto stop
Automatic shut-off action time:	3 ± 1s
Pinch roller pressure:	T side: 350 ± 30 g (3.43 ± 0.29N) S side: 165 ± 15 g (1.61 ± 0.15N)
Take-up torque:	38 ± 10 g-cm (0.37 ± 0.11 mN-m)
FF & rewind torque:	150 ± 40 g-cm (1.47 ± 0.39 mN-m)
FF & rewind time:	60 ± 10s (C-60)
Counter indication error:	0 ± 3(C-60)
Cassette lid action time:	0.8 to 0.4s (at normal temperature)
Playback output:	540 ± 30mV
Playback noise:	Less than 1.3mV (C/O ₂ , DOLBY NR B ON) Less than 2.0mV (METAL DOLBY NR OFF) Less than 2.7mV (LH, DOLBY NR OFF)
Rec./Pb output:	380 ± 30mV
Rec./Pb distortion:	H, HU, U, C, E, K, G models Less than 1.5% (METAL) Less than 1.5% (C/O ₂) Less than 1.5% (LH) Z model Less than 2.5% (C/O ₂) More than 51/54 dB (METAL, DOLBY NR B-type OFF/ON)
Rec./Pb SN ratio:	H, HU, U, C, E, K, G models More than 51/54 dB (C/O ₂ , DOLBY NR B-type OFF/ON) Z model More than 44/48 dB (C/O ₂ , DOLBY NR OFF/ON) More than 49/52 (LH, DOLBY NR B-type OFF/ON)

(WTD-A)	More than 62/68 dB (METAL, DOLBY NR B-type/C-type) H, HU, U, C, E, K, G models More than 62/68 dB (C/O ₂ , DOLBY NR B-type/C-type) Z model More than 56/52 dB (C/O ₂ , DOLBY NR B-type/C-type) More than 60/66 dB (LH, DOLBY NR B-type/C-type) More than 30 dB
Channel separation:	(1 kHz, 0VU) More than 60 dB
Cross talk:	(1 kHz, 0VU) More than 60 dB
Erasing ratio:	(120 Hz, 0VU + 10dB, METAL) ± 0.5 dB
Level drift:	(10kHz)
Level indication error:	± 1.5 dB
ADMS level:	5400 Hz, 0 dB
ADMS LED light up time:	2.0 ± 0.5s (POWER ON)
Bias frequency:	85 kHz
Frequency response:	METAL 20 ~ 20,000 Hz C/O ₂ 20 ~ 19,000 Hz LH 20 ~ 18,000 Hz
DOLBY NR Effect:	More than 8 dB (DOLBY NR B-type) (10kHz, CCR FILTER) More than 18 dB (DOLBY NR C-type)
Motor:	DC Servomotor for capstan DC motor for reels
Head:	OX Combination head (For Rec./Pb)
Inputs:	MIC maximum input sensitivity: 0.3mV (200Ω ~ 10kΩ matched) LINE IN maximum input sensitivity: 50mV (more than 50kΩ) LINE OUT standard output level: 0.41 V (0VU); suitable load impedance: more than 50kΩ; Headphones: 8Ω
Outputs:	METAL TTA-119MX LH TTA-119J H, HU, U, C, E, K, G models TTA-119G Z model TTA-119D C/O ₂ TTA-119D Co TTA-119G
Test tape:	

- Specifications and external appearance are subject to change without due to product improvement.
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Aiwa Ad F660 User Guide

Ying Liu



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In a fast-paced world fueled by information and interconnectivity, the spellbinding force of linguistics has acquired newfound prominence. Its capacity to evoke emotions, stimulate contemplation, and stimulate metamorphosis is really astonishing. Within the pages of "**Aiwa Ad F660 User Guide**," an enthralling opus penned by a highly acclaimed wordsmith, readers attempt an immersive expedition to unravel the intricate significance of language and its indelible imprint on our lives. Throughout this assessment, we shall delve to the book is central motifs, appraise its distinctive narrative style, and gauge its overarching influence on the minds of its readers.

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