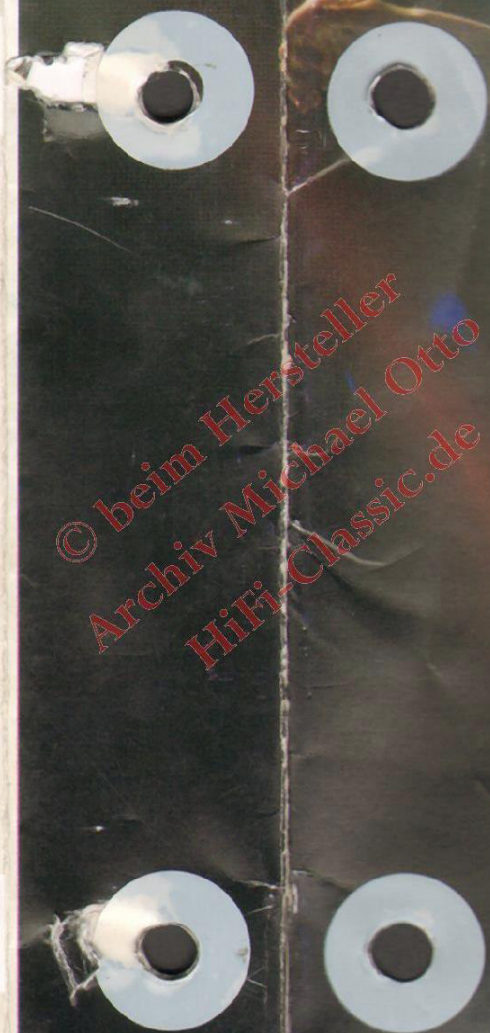




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AKAI TRADING CO., LTD.
12, 2-chome, Higashi-Kojiya,
Ohta-ku, Tokyo, Japan

AKAI

**STEREO
TAPE
RECORDERS**



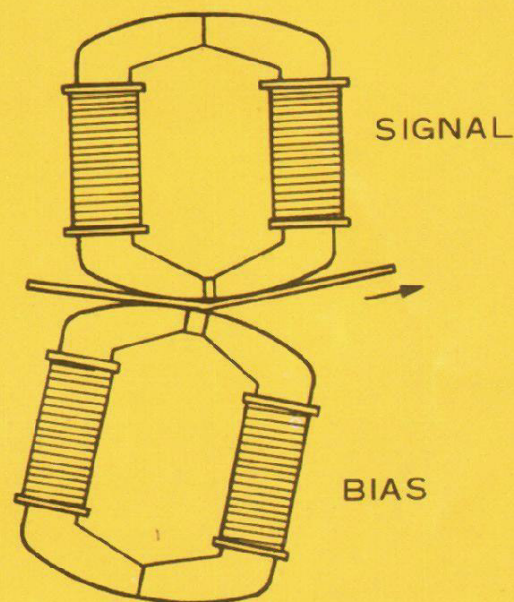
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CROSS-FIELD HEAD

TOP ENGINEERING-----

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CROSS-FIELD HEAD

On conventional recorders the signal and bias are applied to the same recording head. Therefore the frequency component of the recorded signal tend to be attenuated or erased by the effect of the bias field.

On the exclusive Akai CROSS-FIELD HEAD which was developed by Akai for practical use the signal and bias heads are mounted in oposition with their centers slightly off. As the recorded signal is entirely unaffected by the prevailing effect of the bias field, the tape can be recorded over the entire frequency spectrum with maximum fidelity.

AKAI®

* Remote control operation for AKAI X-360D (RECORD, PLAYBACK, STOP, FAST FORWARD, REWIND and REVERSE operation) * All silicon transistorized circuit * 120W (60W/60W) music power * Transistor protection circuit * Muting control button (DISTANCE button) * AFC on/off switch * Speaker systems selector * Dimensions & Weight: 5-1/2" x 18-1/8" x 14", 33 lbs

AA-8000

* Silicon Power Transistors for the final stage obtainable highest performance and temperature characteristics. * "E.P.C." (Electronics Protection Circuit), protecting the power transistors from damage in case of short circuit at the output terminals. * Completely O. T. L. system distortion-free will damped reproduction. * 110W music power. * Direct reproduction from the tape head by equalizer for head * DIN jack * Headphone jack * Independent filters for high and low, and also tone controls for right and left respectively. * Dimensions & Weight: 17" x 5-3/8" x 10-5/8", 17.6 lbs

AA-5000S



**SOLID STATE AM/FM STEREO
TUNER AMPLIFIER**



**SOLID STATE STEREO
PRE-MAIN AMPLIFIER**

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AKAI®



PROFESSIONAL STEREO TAPE RECORDER TAPE DECK

- CROSS-FIELD HEAD
- 3-SPEED CAPSTAN DRIVE MOTOR
- COMPUT-O-MATIC
- REVERSE-O-MATIC
- MAGNETIC BRAKE
- AUTOMATIC DUST MINDER

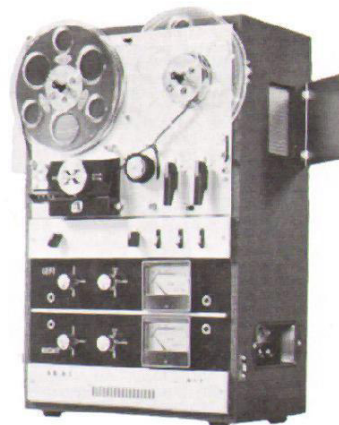
* 4-track stereo/monaural recording and playback. For playback, the X-360D requires external power amplifier and speakers. * 4 speeds * Magnetic brake * Automatic volume control (COMPUT-O-MATIC) * Automatic dust minder * Continuous reverse (REVERSE-O-MATIC), Sensing tape reverse * motors (Hysteresis synchronous 3-speed capstan drive motor, Two 6-pole eddy current out-rotor motors) * 50W solid state amplifier (X-360) * Wide CROSS-FIELD frequency response * Automatic stop, Automatic shut off * Sound on sound, sound with sound, sound over sound * Remote controllable * Bass/treble control (X-360) * 4-digit index counter with reset button * Stereo headphone jack, DIN jack (with selector switch for High and Low input) * Finely oil-finished wooden cabinet

Tape Speed	: 1-7/8, 3-3/4, 7-1/2 and 15 ips
Wow and Flutter	: Less than 0.04% RMS at 7-1/2 ips Less than 0.07% RMS at 3-3/4 ips Less than 0.15% RMS at 1-7/8 ips
Frequency Response	: 30 to 18,000 Hz ± 3 db at 3-3/4 ips
Distortion	: Within 1.5% 1,000 Hz 0 VU at 7-1/2 ips
Signal to Noise Ratio	: Better than 50 db
Power Output	: 25 W maximum per each channel at (X-360) MUSIC POWER, total 50 W
Recording Bias Frequency	: 100 KC
Recording Level Indicator	: VU meters
Recording System	: 4-track stereo monaural, CROSS-FIELD, bias system
Maximum Reel Size	: 7" reel
Transistor	: 44 Transistors (X-360D), 60 (X-360)
Power Supply	: AC 100 to 240 V, 50/60 cycles
Power Consumption	: 70 to 150 VA (X-360D), 70 to 200 VA (X-360)
Dimensions/Weight	: 17-1/2" \times 16" \times 10" 55 lbs (X-360D), 61.6 lbs (X-360)

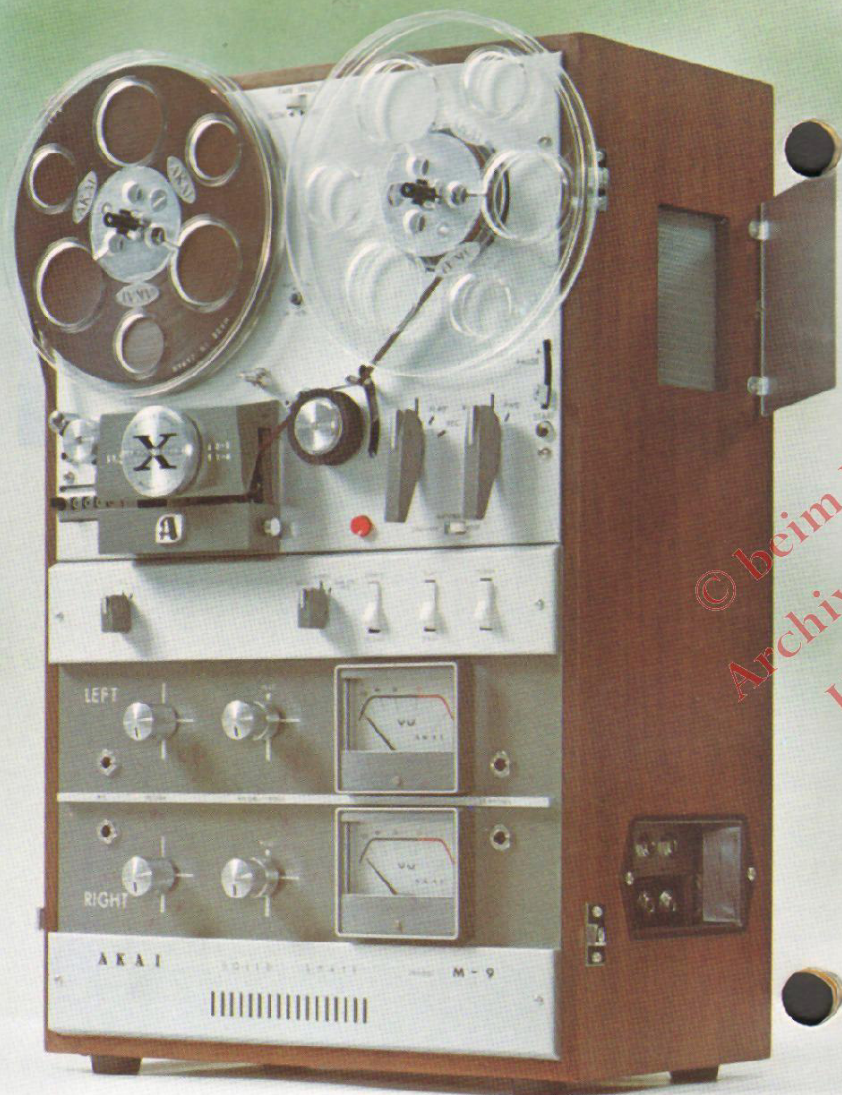
X-360 X-360D



AKAI®



vinyl leather cabinet



HIGH FIDELITY STEREO TAPE RECORDER

- CROSS-FIELD HEAD
- SOLID STATE AMPLIFIER

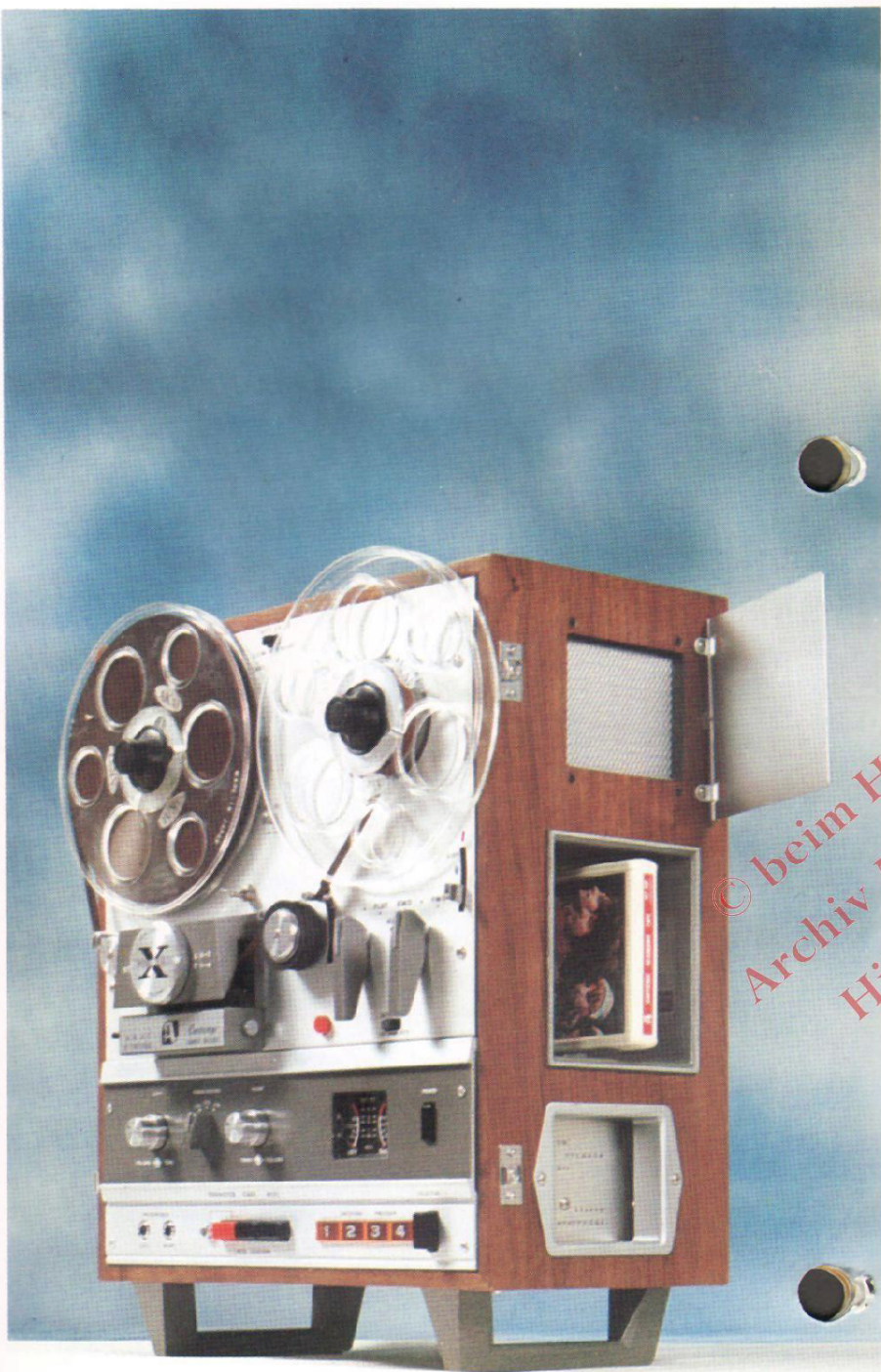
* 4-track stereo/monaural recording and playback * Hysteresis synchronous 2-speed motor * Wide Cross-field frequency response * All silicon transistor amplifier * Sound on sound * Automatic shut off, Automatic stop * Automatic pinch wheel release, Automatic lever release * Recording mode switch * Bass switch * Tape lifter in fast forward/rewind operation * DIN jack, stereo headphone jacks * 4-digit index counter with reset button * VU meters * Finely oil-finished wooden cabinet or vinyl leather cabinet

Tape Speed	1-7/8, 3-3/4 and 7-1/2 ips (15 ips with adaptor)
Wow and Flutter	Less than 0.10% RMS at 7-1/2 ips Less than 0.13% RMS at 3-3/4 ips Less than 0.20% RMS at 1-7/8 ips
Frequency Response	30 to 23,000 Hz±3 db at 7-1/2 ips 30 to 18,000 Hz±3 db at 3-3/4 ips 30 to 9,000 Hz±3 db at 1-7/8 ips
Signal to Noise Ratio	Better than 50 db
Power Output	20 W maximum per each channel at MUSIC POWER, total 40 W
Maximum Reel Size	7" reel
Speaker	2 4" speakers
Transistor	20 Transistors
Power Supply	AC 100 to 240 V, 50/60 cycles
Power Consumption	100 VA
Dimensions/Weight	: 20" x 13" x 9-1/2", 41.8 lbs

M-9



AKAI®



CARTRIDGE/REEL-TO-REEL STEREO TAPE RECORDER

- CROSS-FIELD HEAD
- ONE-MICRON GAP HEAD
- SOLID STATE AMPLIFIER

* Reel to reel 4-track stereo/monaural recording and playback
 * Cartridge 8-track stereo recording and playback
 * Transfer from reel to cartridge which is unique and cannot be found in any other model in the world
 * Reel-to-reel wide CROSS-FIELD frequency response
 * Cartridge one channel operation takes 15 minutes and in the sequence of 4 channel, an hour operation is available.
 * Tape cleaner
 * Finely oil-finished wooden cabinet
 * DIN jack, Stereo headphone jack
 * Tape lifter in fast forward/rewind operation

- Tape Speed** : REEL.....1-7/8, 3-3/4 and 7-1/2 ips
 (15 ips with adaptor)
 CARTRIDGE...3-3/4 ips
- Wow and Flutter** : REEL.....Less than 0.12% RMS at
 7-1/2 ips
 Less than 0.15% RMS at
 3-3/4 ips
 Less than 0.20% RMS at
 1-7/8 ips
 CARTRIDGE...Less than 0.25% RMS
- Frequency Response** : REEL.....30 to 23,000 Hz±3 db at
 7-1/2 ips
 30 to 18,000 Hz±3 db at
 3-3/4 ips
 30 to 9,000 Hz±3 db at
 1-7/8 ips
 CARTRIDGE...50 to 17,000 Hz±3 db
- Signal to Noise Ratio** : REEL.....Better than 50 db
 CARTRIDGE...Better than 45 db
- Power Output** : 6 W maximum per each channel at
 MUSIC POWER, total 12 W
- Recording Level Indicator** :
 Twin type VU meters
- Recording System** : REEL.....4-track stereo/monaural
 CROSS-FIELD bias system
 CARTRIDGE...8-track stereo system
- Maximum Reel Size** : 7" reel
- Speaker** : 2 4" speakers
- Transistor** : 20 Transistors
- Power Supply** : AC 100 to 240 V, 50/60 cycles
- Power Consumption** : 60 VA
- Dimensions/Weight** : 15" × 13-1/2" × 9-1/2", 37.4 lbs

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X-1800SD

AKAI®



CARTRIDGE/REEL-TO-REEL STEREO TAPE RECORDER

- CARTRIDGE 8-TRACK STEREO RECORDING AND PLAYBACK.
- REEL-TO-REEL 4-TRACK STEREO/MONAUROUS RECORDING AND PLAYBACK.

* Reel to reel 4-track stereo/monaural recording and playback * Cartridge 8-track stereo recording and playback * Transfer from reel to cartridge which is unique and cannot be found in any other model in the world. * Automatic shut off, Pause lever * Tape lifter in fast forward/rewind operation * An hour of continuous stereo recording and playback (with 300 foot cartridge tape) * DIN jack * Speaker switch * Program indicator lamp (indicates whether cartridge is perfectly set.) * Track selector for simple selection between stereo and monaural * Beautiful black vinyl leather cabinet * Tape cleaner

Tape Speed : REEL.....3-3/4 and 7-1/2 ips
CARTRIDGE...3-3/4 ips

Wow and Flutter : REEL.....Less than 0.12% RMS at 7-1/2 ips
Less than 0.15% RMS at 3-3/4 ips
CARTRIDGE...Less than 0.25% RMS

Frequency Response : REEL.....40 to 18,000 Hz at 7-1/2 ips (50 to 15,000±3 db)
40 to 14,000 Hz at 3-3/4 ips
CARTRIDGE...40 to 14,000 Hz

Signal to Noise Ratio : REEL.....Better than 50 db
CARTRIDGE...Better than 45 db

Power Output : 4 W maximum per each channel at MUSIC POWER, total 8 W

Recording Level Indicator : VU meters

Recording System : REEL.....4-track stereo/monaural system
CARTRIDGE...8-track stereo system

Maximum Reel Size : 7" reel

Speaker : 2 4" speakers

Transistor : 4 Transistors, 5 vacuum tubes

Power Supply : AC 100 to 240 V, 50/60 cycles

Power Consumption : 85 VA

Dimensions/Weight : 15-3/8" × 13-3/4" × 10-1/2", 36.3 lbs

1800L

AKAI®



1710L

* 4-track stereo/monaural recording and playback * 3 speeds * Automatic shut off * Pause lever * Tape cleaner * Tape lifter in fast forward/rewind operation * 4 hours maximum stereo recording capacity with a 1,200 foot tape * DIN jack, Stereo headphone jack * 3-digit index counter with reset button * Finely oil-finished wooden cabinet (1710W) or vinyl leather cabinet with carrying handle (1710L)

Tape Speed : 1-7/8, 3-3/4 and 7-1/2 ips (15 ips optional)

Wow and Flutter : Less than 0.12% RMS

Frequency Response : 40 to 18,000 Hz at 7-1/2 ips
(50 to 15,000 Hz \pm 3db)
40 to 14,000 Hz at 3-3/4 ips

Signal to Noise Ratio : Better than 50 db

Power Output : 4 W maximum per each channel at MUSIC POWER, total 8 W

Recording Level Indicator :

VU meters

Recording System : 4-track stereo/monaural system

Maximum Reel Size : 7" reel

Speaker : 2 5" x 7" speakers

Transistor : 4 Transistors, 5 vacuum tubes

Power Supply : AC 100 to 240 V, 50/60 cycles

Power Consumption : 80 VA

Dimensions/Weight : 14-1/8" x 13-1/2" x 7-1/2", 33 lbs



MIGNON STEREO TAPE RECORDER

■ THE SHIELD TYPE HEAD FOR HIGH S/N
RATIO

1710W 1710L

AKAI®



* 4-track stereo/monaural recording and playback * 4 speeds * Brushless servomotor * Wide CROSS-FIELD frequency response * 4 watts solid state amplifier * A.G.C. (Automatic Gain Control) switch * 7" reel adaptable with optional 7" reel adaptor * Remote control jack * Battery voltage indicator meter and battery charge indicator * 8 hours maximum monaural Hi-Fi recording capacity with standard 5" tape (600 foot) * Tone Control * DIN jack * Push button controls * Smart all-metallic case * Perfect AC or DC operation with high performance and durable built-in rechargeable battery

Tape Speed : 4 Speeds... 15/16, 1-7/8, 3-3/4 and 7-1/2 ips

Wow and Flutter : Less than 0.15% RMS at 7-1/2 ips
Less than 0.17% RMS at 3-3/4 ips
Less than 0.25% RMS at 1-7/8 ips
Less than 0.35% RMS at 15/16 ips

Frequency Response : 40 to 20,000 Hz ± 3 db at 7-1/2 ips
40 to 17,000 Hz ± 3 db at 3-3/4 ips
30 to 11,000 Hz ± 3 db at 1-7/8 ips
30 to 5,500 Hz ± 3 db at 15/16 ips

Signal to Noise Ratio : Better than 50 db (DC)
Better than 45 db (AC)

Power Output : 2W maximum per each channel, total 4W

Recording Level Indicator : VU meters

Recording System : 4-track stereo/monaural, CROSS-FIELD bias system

Maximum Reel Size : 7" reel (with optional 7" reel adaptor)

Speaker : 2 3" speakers

Transistor : 30 Transistors

Power Supply : DC... (Rechargeable battery, 6 V, 2.6 AH)
AC... 100 to 240 V

Dimensions : 5-1/8" \times 11" \times 12", case closed.

Weight : 12.1 lbs (without battery)
1.3 lbs (battery)

X-V



PORTABLE STEREO TAPE RECORDER

- CROSS-FIELD HEAD
- SOLID STATE AMPLIFIER
- BRUSHLESS SERVOMOTOR
- 7" REEL ADAPTABLE
- AC/DC OPERATION

AKAI®



* 4-track stereo/monaural recording and playback.
playback, the X-150D requires external power amplifier
and speakers * 3 speeds * Hysteresis synchronous
2-speed motor * Wide CROSS-FIELD frequency response
* All silicon transistor pre-amplifier * Shield type head for
high S/N ratio * Automatic shut off, pause lever * DIN
jack * Stereo headphone jack * 3-digit index counter
with reset button * Finely oil-finished wooden cabinet
* Tape lifter in fast forward/rewind operation

Tape Speed : 1-7/8, 3-3/4 and 7-1/2 ips (15 ips optional)

Wow and Flutter : Less than 0.12% RMS at 7-1/2 ips
Less than 0.15% RMS at 3-3/4 ips
Less than 0.20% RMS at 1-7/8 ips

Frequency Response : 30 to 23,000 Hz±3 db at 7-1/2 ips
30 to 18,000 Hz±3 db at 3-3/4 ips
30 to 9,000 Hz±3 db at 1-7/8 ips

Signal to Noise Ratio : Better than 50 db

Output Level : 0 VU (1.23V RMS)

Recording Level Indicator :

VU meters

Recording System : 4-track stereo/monaural, CROSS-FIELD
bias system

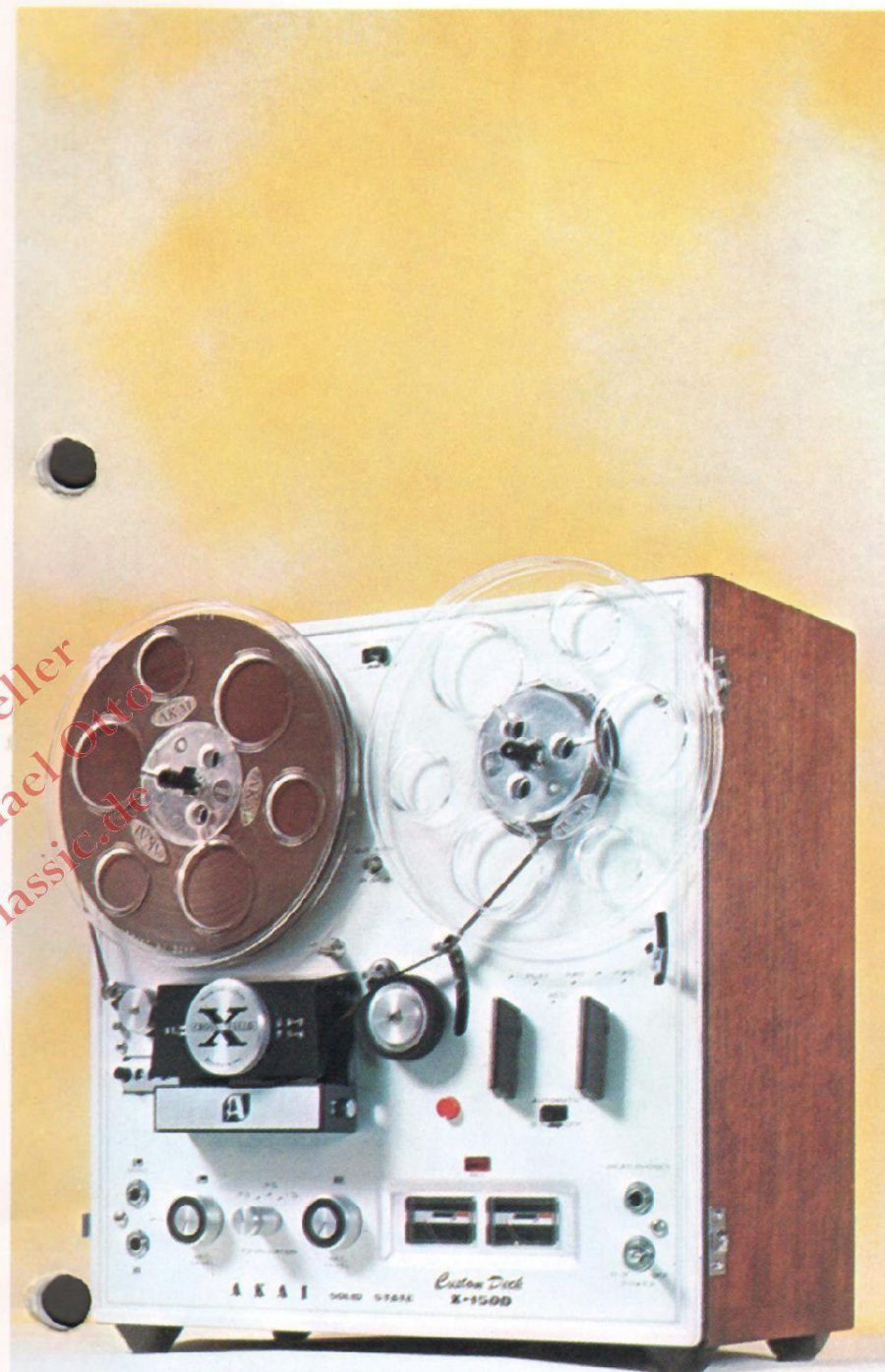
Maximum Reel Size : 7" reel

Transistor : 11 Transistors

Power Supply : AC 100 to 240V, 50/60 cycles

Power Consumption : 55 VA

Dimensions/Weight : 13-1/2" x 13-1/2" x 9", 30.8 lbs



X-150D

CROSS-FIELD STEREO
"Custom Deck"

- CROSS-FIELD HEAD
- SOLID STATE PRE-AMPLIFIER

AKAI®

* 4-track stereo/monaural recording and playback
* playback, the 4000D requires external power amplifier and speakers
* 2 speeds * 3 heads (Erase, one micron gap recording and playback heads)
* All silicon transistorized pre-amplifier * Shield type head for high S/N ratio * Sound on sound (by using an optional cord), Sound with sound
* Automatic shut off, Instant stop control * Tape cleaner
* Tape speed equalizer * Tape lifter in fast forward and rewind operation * DIN jack * Stereo headphone jack
* Fine oil-finished wooden cabinet

Tape Speed : 3-3/4 and 7-1/2 ips
Wow and Flutter : Less than 0.15% RMS at 7-1/2 ips
Less than 0.20% RMS at 3-3/4 ips
Frequency Response : 30 to 22,000 Hz ± 3 db at 7-1/2 ips
30 to 16,000 Hz ± 3 db at 3-3/4 ips
Signal to Noise Ratio : Better than 50 db
Output Level : OVU (1.23 V RMS)
Recording Level Indicator :
VU meters
Recording System : 4-track stereo/monaural system
Maximum Reel Size : 7" reel
Transistor : 17 Transistors
Power Supply : AC 100 to 240 V, 50/60 cycles
Power Consumption : 30 VA
Dimensions/Weight : 12-3/8" × 15-7/8" × 7-1/2", 25.3 lbs

4000D



4-TRACK STEREO TAPE DECK

- ONE-MICRON GAP HEAD
- HIGH QUALITY THREE HEAD SYSTEM
- SOLID STATE PRE-AMPLIFIER