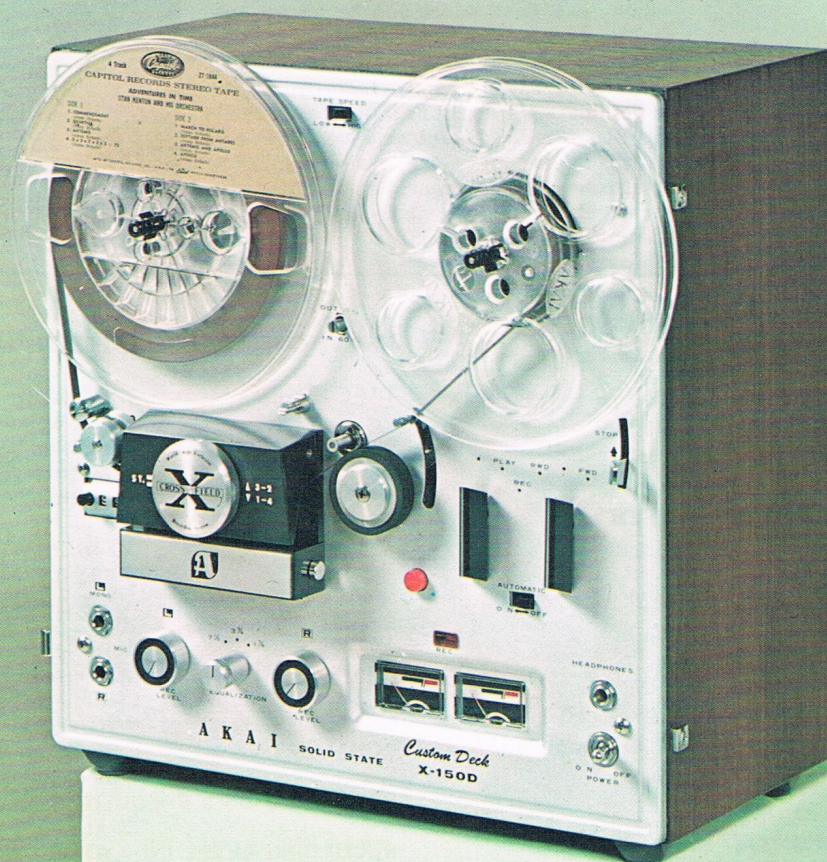


X-150D

CROSS-FIELD STEREO

"Custom Deck"



- ◆ Superb recording capacity of the cross-field head.
- ◆ All silicon transistor pre-amplifier.
- ◆ Robust mechanism for absolute durability.
- ◆ One whole panel and finely oil-finished wooden cabinet that matches furniture and stereo set.

These are the features of Akai's "Custom Deck" X-150D, a high capacity stereo tape deck with excellent design that will complete your Hi-Fi set.

OUTSTANDING FEATURES

- ◆ 4-track stereo/monaural recording and playback
For playback, the X-150D requires external power amplifier and speakers.
- ◆ 3 speeds.....1-7/8, 3-3/4 and 7-1/2 ips (15 ips optional)
- ◆ 3 heads.....Erase, recording/playback and bias heads (CROSS-FIELD HEAD SYSTEM)
- ◆ Hysteresis synchronous 2-speed motor
- ◆ Wide CROSS-FIELD frequency response
- ◆ All silicon transistor pre-amplifier
- ◆ Shield type head for high S/N ratio
- ◆ Two lever system for sure operation and robust construction
- ◆ Track selector knob for simple selection between stereo and monaural
- ◆ Automatic shut off, Instant stop control
- ◆ Tape cleaner
- ◆ Equalizer for each tape speed
- ◆ DIN jack
- ◆ Stereo headphone jack
- ◆ 3-digit index counter with reset button, VU meters
- ◆ One whole panel and finely oil-finished wooden cabinet
- ◆ Vertical and horizontal operation
- ◆ Universal voltage selector (From 100V to 240V; 50/60 cps)

AKAI®

AKAI

X-150D

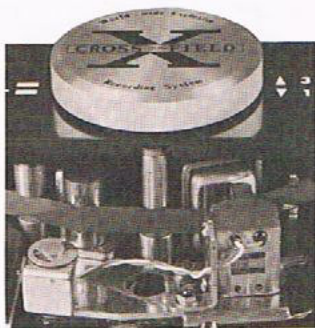
AA-5000

SW-130

CROSS-FIELD HEAD

On conventional heads, the signal and the bias head are applied to the same recording head. So, the components, especially the high frequency component, of the signal recorded tend to be attenuated or erased by the effect of bias field.

On the exclusive Akai CROSS-FIELD HEAD, which was first developed to be for the practical use, the signal head and bias head are mounted in opposition with their centers slightly off, as the recorded signal is completely free from the effect prevailing bias field. Therefore, the tape can be modulated over the entire frequency spectrum with maximum fidelity since the recorded signal is entirely unaffected by the bias field.



STANDARD ACCESSORIES

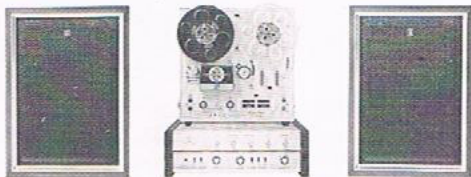
DIN Plug: 4 RCA Plugs Cord..... 1 Spare Fuse..... 1
Silicon Oil..... 1 Operator's Manual..... 1
Felt Pad..... 2

STEREOPHONIC SPEAKER SYSTEM SW-120

SPEAKER : 10" woofer & 3-1/2" tweeter
IMPEDANCE : 8 ohms
MAX. POWER INPUT : 25 W
FREQUENCY RESPONSE: 50 ~ 17,000 cps.
DIMENSIONS : 12-1/2" W x 20-1/2" H x 10-1/2" D
(320 W x 520 H x 270 D mm)
WEIGHT : 17.6 lbs (8 kg) (piece)

A WONDERFUL COMBINATION

(X-150D+AA-5000+SW-130)



SOLID STATE STEREO PRE-MAIN AMPLIFIER MODEL AA-5000

OUTPUT (MUSIC POWER) : Load 8 ohms.....110 W (55 W x 2)
Distortion 1% at 1 kc.
(RATED POWER) : Load 8 ohms.....70 W (35 W x 2)
Distortion 1% at 1 kc.
FREQUENCY RESPONSE: 20 ~ 35,000 cps. ± 1 db, with 8 ohms load from AUX terminal.
DIMENSIONS : 17" W x 5-3/8" H x 10-5/8" D
(430 W x 135 H x 270 D mm)
WEIGHT : 17.6 lbs (8 kg)

The AKAI policy is one of continual development and improvement. For that reason, AKAI reserves the right to change specifications without notice, and without incurring any obligation relating to models previously manufactured by them.

PERFORMANCE SPECIFICATIONS

TAPE SPEED : 3 speeds.....1-7/8, 3-3/4, 7-1/2 and 15 ips optional
WOW AND FLUTTER: Less than 0.12% RMS at 7-1/2 ips
(PLAYBACK ONLY) 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 cps ± 3 db at 7-1/2 ips
30 to 18,000 cps ± 3 db at 3-3/4 ips
30 to 9,000 cps ± 3 db at 1-7/8 ips
SIGNAL TO NOISE RATIO: Better than 50 db
INPUT LEVEL : Mic.....more than 0.5 mV
Line.....more than 60 mV
OUTPUT LEVEL : 0 VU (1.23 V RMS)
EQUALIZATION : Correct equalization for playback of tapes recorded to the NAB curve.
RECORDING BIAS FREQUENCY: 60 kc
RECORDING LEVEL INDICATOR: VU meter x 2
RECORDING SYSTEM: 4-track stereo/monaural, CROSS-FIELD bias system.
FAST FORWARD AND REWIND TIME: 90 seconds using 1,200 feet tape at 50 cycles.
75 seconds at 60 cycles.
MAXIMUM RECORDING CAPACITY: 8 hours monaural recording at 1-7/8 ips (1,200 feet recording tape).
4 hours stereo recording at 1-7/8 ips.
HEAD : Recording/playback head..... 4-track stereo/monaural, low impedance
1,000 ohms at 1,000 cps.
Bias head.....4-track stereo, low impedance 500 ohms at 60 Kc.
Erase head.....4-track stereo, low impedance 300 ohms at 60 kc.
MOTOR : Hysteresis synchronous 2-speed motor
TRANSISTOR : Silicon transistor x 11
Diode x 2
Rectifier x 2
POWER SUPPLY : AC 100 to 240 V, 50/60 cycles
POWER CONSUMPTION: 55 VA
DIMENSIONS : 13-1/2" H x 13-1/2" W x 9" D
(340 H x 340 W x 230 D mm)
WEIGHT : 30.8 lbs (14 kg)

MANUFACTURED & DISTRIBUTED BY

AKAI ELECTRIC CO., LTD.
AKAI TRADING CO., LTD.

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Ohta-ku, Tokyo, Japan.

Printed in Japan 4012280776