

4000D THREE HEADS STEREO TAPE DECK



SUPERB STEREO HI-FI TAPE RECORDING NOW MADE EASY FOR GROWING STEREO FANS!

MODEL 4000D: THREE HEADS STEREO TAPE DECK IS THE ONE YOU NEED.

- ◆ HIGH QUALITY THREE HEADS SYSTEM (ERASE, ONE MICRON GAP RECORDING AND PLAYBACK HEADS) BASED ON THE LATEST TECHNIQUES.
- ◆ ALL SILICON TRANSISTOR PRE-AMPLIFIER WITH A MINIMUM OF HISsing NOISE.
- ◆ RUGGED MECHANISM PROVIDING EXCELLENT DURABILITY.
- ◆ FINE OIL-FINISHED WOODEN CABINET TO MATCH FURNITURE AND/OR STEREO SET.

OUTSTANDING FEATURES

- ◆ 4-track stereo/monaural recording and playback
For playback, the 4000D requires external power amplifier and speakers
- ◆ 2 speeds.....3-3/4 and 7-1/2 ips
- ◆ 3 heads.....Erase, one micron gap recording and playback heads
- ◆ All silicon transistorized pre-amplifier
- ◆ Shield type head for high S/N ratio
- ◆ Two lever system ensures dependable and durable sure operation
- ◆ Track selector knob for simple selection between stereo and monaural
- ◆ 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
- ◆ 3-digit index counter with reset button, 2 VU meters
- ◆ Fine oil-finished wooden cabinet
- ◆ Vertical and horizontal operation
- ◆ Universal voltage selector (From 100V to 240V ; 50/60 cps)

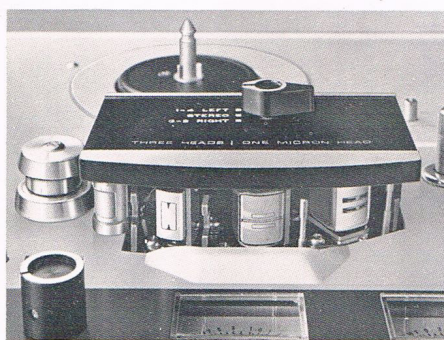
AKAI®

AKAI

4000D

AA-5000S

SW-130



ONE MICRON GAP HEADS



Incorporated in the 4000D is a three head system which permits simultaneous playback and monitoring of the recorded signal.

The one micron gap heads, an unique Akai development, are especially suitable for recording and additionally provide true fidelity.

PERFORMANCE SPECIFICATIONS

TAPE SPEED	: 2 speeds 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 cps ± 3 db at 7-1/2 ips 30 to 16,000 cps ± 3 db at 3-3/4 ips
SIGNAL TO NOISE RATIO	: Better than 50 db
INPUT LEVEL	: Mic more than 0.5 mV Line more than 50 mV
OUTPUT LEVEL	: OVU (1.23 V RMS)
EQUALIZATION	: Correct equalization for playback of tapes recorded to the NARTB curve.
RECORDING LEVEL INDICATOR	: 2 VU meters
RECORDING SYSTEM	: 4-track stereo/monaural system
FAST FORWARD AND REWIND TIME	: 150 seconds using 1,200 foot tape at 50 cycles. 120 seconds at 60 cycles.

A WONDERFUL COMBINATION

(4000D+AA-5000S+SW-130)



SOLID STATE STEREO PRE-MAIN AMPLIFIER AA-5000S

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:
5-3/8" x 17" x 10-5/8"
(135 x 430 x 270 mm)

WEIGHT: 17.6 lbs (8 kg)

STEREOPHONIC SPEAKER SYSTEM SW-130

SPEAKER: 12" woofer & 3-1/2" tweeter

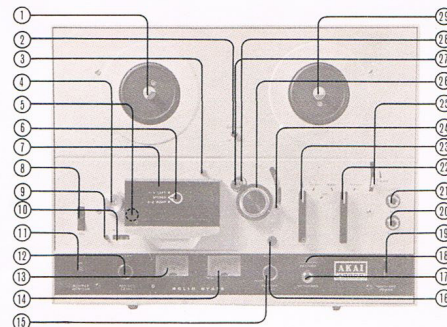
IMPEDANCE: 8 ohms

MAX. POWER INPUT:
25 W

FREQUENCY RESPONSE:
50 ~ 18,000 cps

DIMENSIONS: 22-1/2" x 16-1/2" x 12-1/8"
(570 x 420 x 310 mm)

WEIGHT: 28.9 lbs (13.1 kg) (each)



CONTROLS

- 1 Supply Reel Shaft
- 2 Cycle Conversion Switch (A)
- 3 Capstan Storage Post
- 4 Tape Guide
- 5 Tape Cleaner
- 6 Track Selector
- 7 Head Cover
- 8 Equalizer Switch
- 9 Reset Button
- 10 Index Counter
- 11 Record/Playback Monitor Switch
- 12 Record Level Control (Left)
- 13 VU Meter (Left)
- 14 VU Meter (Right)
- 15 Record Level Control (Right)
- 16 Record Safety Button
- 17 Stereo Headphone Jack
- 18 Record Indicator Lamp
- 19 Power/Automatic Shut-off Switch
- 20 Microphone Jack (Right)
- 21 Microphone Jack (Left)
- 22 Fast Forward/Rewind Lever
- 23 Record/Playback Lever
- 24 Automatic Shut-off Lever
- 25 Instant Stop/Pause Lever
- 26 Pinch Wheel
- 27 Capstan Shaft
- 28 Capstan
- 29 Take-up Reel Shaft

STANDARD ACCESSORIES

- | | |
|----------------------------|-------------|
| DIN Plug: 4 RCA Plugs Cord | 1 |
| Microphone with Stand | 1 |
| Spare Fuse | 2 |
| Rubber Cap | 2 |
| Vinyl Leather Lid | 1 |
| Silicon Oil | 1 |
| Felt Pad | 2 |
| Operator's Manual | 1 |

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.

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