

**AKAI** 

# AA-5000

110 W

**SOLID STATE STEREO  
PRE-MAIN AMPLIFIER**



## OUTSTANDING FEATURES

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, well damped reproduction.

110 W music power.

Direct reproduction from the tape head by equalizer for head.

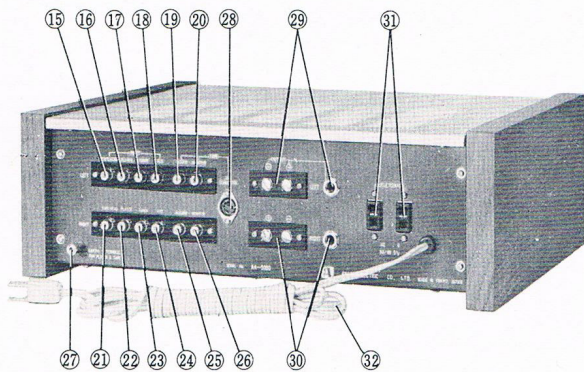
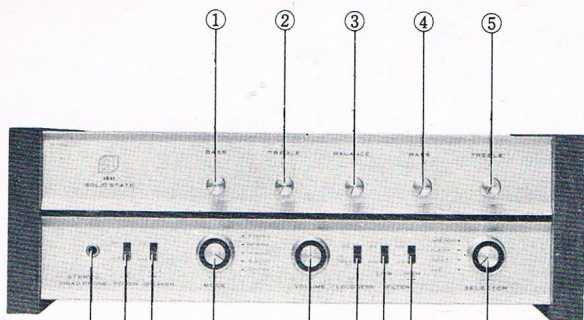
DIN jack.

Headphone jack.

Independent filters for high and low and also tone controls for right and left respectively.

Low power consumption and instant functioning by "All transistor system"  
Little heat radiation.

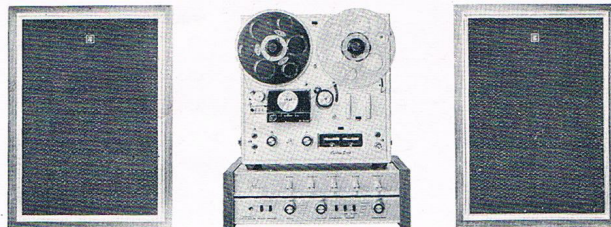
# AKAI AA-5000



- (1) L-channel Bass Control
- (2) L-channel Treble Control
- (3) L-R channel Balance
- (4) R-channel Bass Control
- (5) R-channel Treble Control
- (6) Input Selector
- (7) High Filter
- (8) Low Filter
- (9) Loudness Control
- (10) Volume Control
- (11) Mode Selector
- (12) Speaker Switch
- (13) Power Switch
- (14) Headphone Jack
- (15) L-channel Tape Head Input
- (16) L-channel Player Input
- (17) L-channel Tuner Input
- (18) L-channel AUX Input
- (19) L-channel Recording Output
- (20) L-channel Tape Monitor Input
- (21) R-channel Tape Head Input
- (22) R-channel Player Input
- (23) R-channel Tuner Input
- (24) R-channel AUX Input
- (25) R-channel Recording Output
- (26) R-channel Tape Monitor Input
- (27) Ground Terminal
- (28) "DIN" Jack for Tape Recorder
- (29) L-channel Speaker Output Terminals and Jack
- (30) R-channel Speaker Output Terminals and Jack
- (31) AUX AC Outputs
- (32) Power Supply Cord

## A WONDERFUL COMBINATION

(X-100D+AA-5000+SW-130)



**X-100D:** Solid State Steleo "Custom Deck" with Cross-field Head, Recording and Playback Pre-amplifier; 3 Speeds; Frequency Response — 30 to 23,000 cps  $\pm 3$  db at 7-1/2 ips

**SW-130:** Speaker — 12" Woofer and 3-1/2" Tweeter; Max. Power Input — 25 W; Impedance — 8 ohms

## SPECIFICATIONS

TRANSISTOR	: 28
DIODE	: 6
THERMISTOR	: 3
OUTPUT (MUSIC POWER)	: Distortion 1% at 1 Kc
	Load 8 ohms ..... 110 W
	(55 W $\times$ 2)
	Load 16 ohms ..... 64 W
	(32 W $\times$ 2)
OUTPUT (RATED POWER)	: Distortion 1% at 1 Kc
	Load 8 ohms ..... 70 W
	(35 W $\times$ 2)
	Load 16 ohms ..... 46 W
	(23 W $\times$ 2)
FREQUENCY RESPONSE	: 20 to 35,000 cps $\pm 1$ db, with 8 ohms load from AUX terminal.
SENSITIVITY	: For 1Kc 8 ohms rated power output.
	Tape Head ..... 1.5 mV
	Residual Noise Below 30 mV
	Phono ..... 3 mV
	Residual Noise Below 30 mV
	Tuner ..... 400 mV
	Residual Noise Below 15 mV
	AUX ..... 400 mV
	Residual Noise Below 15 mV
	Tape Monitor ..... 400 mV
	Residual Noise Below 15 mV
TONE CONTROL	: CR Type. Bass 50 cps $\pm 14$ db. Treble 10 Kc $\pm 11$ db.
LOW FILTER	: -8 db/50 cps
HIGH FILTER	: -8 db/10 Kc
LOUDNESS CONTROL	: +8 db at 100 cps + 8 db at 10 Kc
EQUALIZER	: NF Type. RIAA for Phono. NAB for Tape Head (50 $\mu$ Sec. 19 cm/sec.)
POWER SUPPLY	: AC 100 to 240 V, 50/60 cps
POWER CONSUMPTION	: 17 W at non-signal state. 160 W at full volume state.
DIMENSIONS	: 17" W $\times$ 5 $\frac{3}{8}$ " H $\times$ 10 $\frac{5}{8}$ " D. [430 (W) $\times$ 135 (H) $\times$ 270 (D) mm]
WEIGHT	: 17.6 lbs (8 kg)

MANUFACTURED & DISTRIBUTED BY  
**AKAI ELECTRIC CO., LTD.**  
**AKAI TRADING CO., LTD.**

12, 2-chome, Higashi-Kojiya,  
 Ohta-ku, Tokyo, Japan.