

AKAI

GXC-730D

REVERSE
RECORDING
AND PLAYBACK
STEREO TAPE DECK

This front loading design reverse recording and playback stereo tape deck features an unusual number of "extras" for operating convenience and versatility. Quality GX Head performance.



FUN TO OPERATE QUALITY STEREO TAPE DECK!

● **SELF-LOCK PAUSE**
A Pause Key locks into p

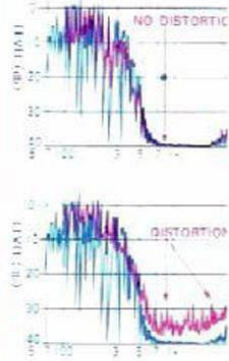
● **AKAI'S A.D.**
Akai's built-in A.D. the recording eq suppresses interm over the entire fre



ERASE HEAD REC-PB GX HEAD ERASE HEAD

● **GX HEAD**
AUTOMATIC REVERSE
REVERSE RECORDING

Akai's GXC-730D stereo tape deck features GX Head forward and reverse recording and playback. The GX recording/playback head is centrally positioned between two stout capstans for complete stability in both directions. Automatic and manual playback and recording in both directions, convenient front loading design, and Tape Direction Indicator Lamps offer the ultimate in operating ease.



● **AUTOMATIC STOP OR AUTOMATIC STOP AND PLAY MODE FROM FAST FORWARD OR REWIND WITH "MEMORY WIND"**

Presetting the Index Counter and depressing the Memory Wind Button is all that is necessary for automatic stop at any position on the tape from fast forward or rewind. Extend this feature to include automatic setting to play mode by depressing a Play Key together with the Fast Forward or Rewind Key!

● **SOFT-TOUCH SOLENOID DIRECT FUNCTION CHANGE CONTROL**



Easy soft-touch operating controls feature direct function change. This feature extended to recording mode enables easy add-on recording. Further, after recording mode has been effected, simply depressing the Forward or Reverse Play Key is all that is necessary to effect reverse recording mode. Another "extra" of this control system is the ability to effect automatic play mode at the end of the tape from fast forward or rewind by depressing a Play Key together with the Fast Forward or Rewind Key.



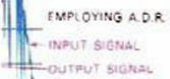
KEY

When depressed to suspend tape travel during recording or playback. Especially convenient for editing tape. One-touch release.

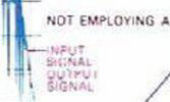
automatic distortion reduction) SYSTEM

System not only automatically adjusts gain at high frequencies, but also reduces distortion for clear sound reproduction across the frequency band.

NO COLLAPSE OF HIGH RANGE COMPONENT



COLLAPSE OF HIGH RANGE COMPONENT



TAPE SELECTOR SWITCHES FOR USE OF HIGH GRADE TAPE

Low Noise, Chrome, and Fe-Cr Tape Selector Switches enable the operator to set the machine for proper equalization according to the tape. Further, rear panel recording level calibrators enable the GXC-730D to be precisely set to accommodate other special tape.

LIMITER CIRCUIT CUTS DISTORTION FOR CLEAR RECORDING AT CLOSE RANGE

Simply depress the Limiter Switch to suppress signals over a certain volume and cut distortion. Especially convenient when recording from microphones at close range.

MICROPHONE OR LINE INPUT SELECTOR

A front panel Input Selector separates microphone and line circuits for a wider dynamic range and less recording noise.

DOLBY RECORDING AND PLAYBACK

This machine incorporates the Dolby System which raises low level signals prior to recording and lowers them proportionately at playback time. This process eliminates extraneous noise, thus also eliminating tape hiss to a completely inaudible level.

PEAK LEVEL INDICATOR

A Peak Level Indicator lights at +7dB to warn the operator of excessive input. This device enables the operator to record at a higher input level (the level at which the light flickers at largest input parts only) for professional recording results.

OUTPUT LEVEL CONTROL

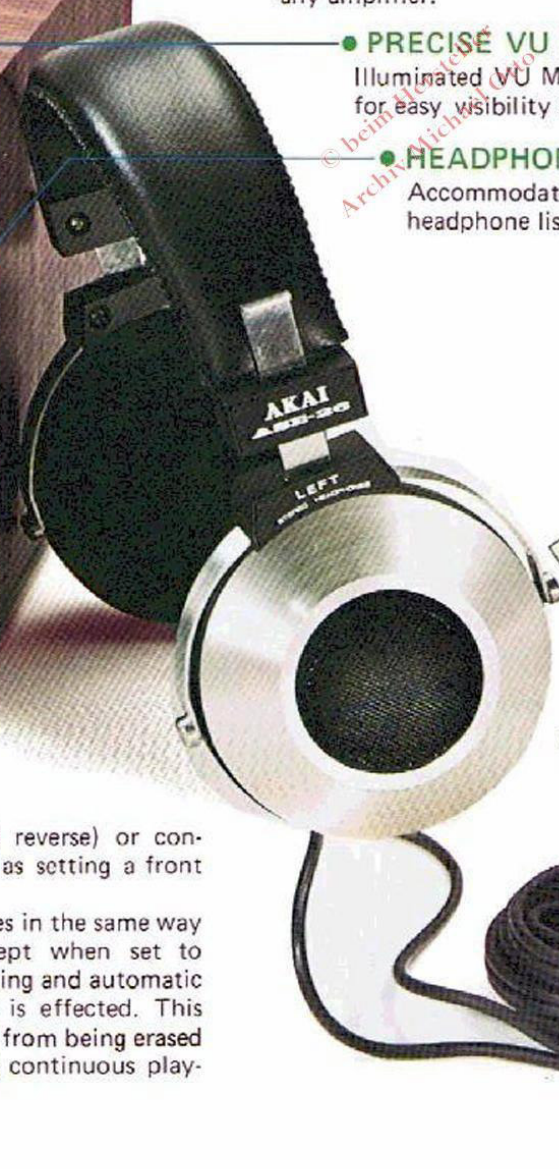
Adjust output level to match amplifier input. Facilitates connection with any amplifier.

PRECISE VU METERS

Illuminated VU Meters feature large and precise lettering and scales for easy visibility and more accurate level setting.

HEADPHONE JACK

Accommodates stereo headphones for monitoring or private headphone listening.



reverse recording
and continuous forward & reverse playback

REVERSE SELECTOR

One-way, one cycle (forward and reverse) or continuous playback mode is as easy as setting a front panel Reverse Selector.

This unique reversing circuit operates in the same way at recording mode as well, except when set to continuous mode, one cycle recording and automatic setting to continuous play mode is effected. This extra feature keeps your recording from being erased by mistake and enables automatic continuous playback of just recorded material.

ONE WAY		*Forward direction only 	DIRECTION 	1. For recording in forward direction only, depress the REC and Forward Play Keys.	1. For playback in forward direction only, depress the Forward Play Key.
		*Reverse direction only 	DIRECTION 	2. For recording in reverse direction only, depress the REC and Reverse Play Keys.	2. For playback in reverse direction only, depress the Reverse Play Key.
ONE CYCLE			DIRECTION 	3. For automatic stop at the end of one cycle (forward and reverse) recording, depress the REC and Forward Play Keys.	3. For automatic stop at the end of one cycle (forward and reverse) playback, depress the Forward Play Key.
			DIRECTION 		
CONTINUOUS			DIRECTION 	4. For automatic setting to continuous playback following one cycle (forward and reverse) recording, depress REC and Forward Play Keys.	4. For continuous playback in both directions until the Stop Key is depressed, depress Forward or Reverse Play Key.
			DIRECTION 		

TECHNICAL DATA

Track System:	4 Track, 2 Channel Stereo System
Tape:	Philips Type Cassette
Tape Speed:	1-7/8 ips
Wow & Flutter:	Less than 0.08% WRMS (NAB), 0.24% (DIN 45 507)
Frequency Response:	30 to 14,000Hz ± 3dB using LN tape 30 to 16,000Hz ± 3dB using CrO ₂ tape 30 to 17,000Hz ± 3dB using FeCr tape
Distortion:	Less than 1.5% (1,000 Hz "0" VU) using LN tape
Signal to Noise Ratio:	Better than 50dB using LN tape (measured via tape with peak recording level of +3 VU) Dolby NR switch ON: Improves up to 10dB above 5kHz
Erase Ratio:	Better than 70dB
Bias Frequency:	100 kHz
Heads:	(3): One GX recording/playback head for forward and reverse direction. Two erase heads,
Motor:	4-pole hysteresis synchronous motor
F.F. & Rewind Time:	70 sec. using a C-60 cassette tape
Output Jacks:	Line (2): 0.775V (0 VU) Required load impedance: more than 20 k ohms Phone (1): 50mV/8 ohms

Input Jacks:	Microphone (2): 0.3mV/4.7 k ohms Required microphone impedance: 600 ohms Line (2): 70mV/100 k ohms
DIN Jack:	Input: 3mV/25 k ohms Output: 0.55V Required load impedance: more than 20 k ohms
Semi-conductors:	Transistors: 56, Diodes: 121, ICs: 2
Power Requirements:	CSA, UL & LA models: 120V/60Hz CEE models: 220V/50Hz Other models: 110 to 120/220 to 240V, 50-60Hz switchable
Dimensions:	440(W) x 175(H) x 302(D) mm (17.3 x 6.9 x 11.9)"
Weight:	12 kg (26.5 lbs)

STANDARD ACCESSORIES

Connection Cords	1 set
Operator's Manual	1

- * For improvement purposes, specifications and design are subject to change without notice.
- * "Dolby" and the Double D symbol are trademarks of Dolby Laboratories, Inc. (Under license from Dolby Laboratories)

U 521109B4