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# AKAI

# GX-270D

STEREO  
TAPE DECK

599  
Ref 429

**PERFECT TONE QUALITY REALIZED!** Three Head, three Motor Automatic and Manual Reverse Playback Stereo Tape Deck. AC Servo Motor Direct Capstan Drive System. Quality parts and robust construction.



# AUTOMATIC REVERSE PLAYBACK & REMOTE CONTROL

# AKAI

## ENJOY INSTANTLY STABLE REVERSE PLAYBACK

The GX-270D features automatic and manual reverse playback. At reversing point, the pinch wheel immediately separates from the capstan and the capstan begins to rotate in the opposite direction. When revolutions become stable, the pinch wheel again contacts the capstan and reverse playback begins. The time required for this change-over is extremely short and playback is completely stable.

## TWO GX PLAYBACK HEADS, ONE GX RECORDING HEAD, ONE ERASE HEAD

This machine is equipped with one each forward and reverse playback head. Both of these heads are none other than the reputed AKAI GX Head which means that the sound in both directions is perfect and of equal quality. Needless to say, the recording head is also GX. This GX Head focused field recording system assures low distortion, high S/N ratio and the best in tone quality. But what is just as extraordinary is that because the head materials do not wear, sound quality does not deteriorate and new machine performance is maintained.

## WOW AND FLUTTER REDUCED WITH 3 MOTOR AC SERVO DIRECT CAPSTAN DRIVE SYSTEM

Best drive system for quality tape deck! This model employs Direct Capstan Drive. Rubber belts and flywheels are eliminated, thus also eliminating interference and influence of these parts for the realization of a 0.07% wow and flutter factor. Operating performance always stable and tone quality excellent. The top quality parts utilized in the GX-270D make it completely worthy of this highly sophisticated AC Servo Motor Direct Capstan Drive System. An impedance roller also adds to tape travel stability.

## ELECTRICAL FEATHER-TOUCH CONTROLS

Super light touch function change control. Depressing the Stop Button prior to changing modes unnecessary. Out-of-order virtually unknown. Further, easy remote control or timer recording can be accomplished with optional accessory Remote Control Unit RC-17.

## MIXING FROM SEPARATE RECORDING SOURCES

Individual Mic and Line Input Controls and a built-in mic-line mixing amp enable the superb recording results of this machine to be extended to mic and line mixing.

## LARGE VU METERS & PEAK LEVEL INDICATOR

Large and precise VU Meters, the necessity of which cannot be ignored in a high quality tape deck, permit accurate input level adjustment for good recording results. Further, a left/right channel Peak Level Indicator lights at +7 dB to warn the operator of over recording. Thus, distortionless, high S/N ratio clear recording quality is attained.

## LOW NOISE/WIDE RANGE TAPE SELECTOR FACILITATES USE OF HIGH GRADE TAPE

One-Touch Tape Selector facilitates setting to ideal Bias and Equalization according to the tape being used. These individual bias and equalizer settings permit the use of Akai LN-150-7 or Scotch #211 standard low noise tape, or wide range tape of a grade higher than low noise. The ability to use quality tape compliments the superior mechanisms of this machine for the optimum in recording and playback quality.

## PAUSE LOCK SYSTEM

### NO TIME LOSS WHEN OPERATION RESUMES

Pause Button locks into place when depressed. When Pause Mode is effected, the head remains in contact with the tape so that when the Pause Button is released, operation is immediately resumed without any time loss. Convenient for accurate tape editing.

## OUTPUT VOLUME FOR MATCHING WITH EXTERNAL AMPLIFIER

A single left/right channel Output Level Control facilitates fast and accurate adjustment of output level to match external amplifier input. Permits connection with any amplifier.

## DUAL MONITORING

TAPE/SOURCE Monitor Switch enables operator to compare just-recorded signals with signal source for a more professional recording.

## EASY PROGRAM INDEXING AND TAPE EDITING WITH 4-DIGIT INDEX COUNTER

## 3 MM THICK ALUMINIUM PANEL NEW DESIGN

## BUILT-IN REEL RETAINERS HOLD REELS FIRMLY INTO PLACE

## ROBUST HEAD BLOCK WITH CONVENIENT LIFT-OFF HEAD COVER

### TECHNICAL DATA

**Track System:** 4-track 2 channel stereo system  
**Reel Capacity:** Up to 7" reel  
**Tape Speed:** 7-1/2 and 3-3/4 ips ( $\pm 0.7\%$ )  
**Wow and Flutter:** Less than 0.06% RMS at 7-1/2 ips;  
Less than 0.08% RMS at 3-3/4 ips.  
**Frequency Response:** 30 Hz to 23,000 Hz ( $\pm 3$  dB) at 7-1/2 ips and 30 Hz to 19,000 Hz ( $\pm 3$  dB) at 3-3/4 ips using AKAI LN-150-7 Tape  
**Distortion:** Less than 1% (1,000 Hz "0" VU)  
**Signal-to-Noise Ratio:** Better than 60 dB (measured via tape with peak recording level of +6 VU)  
**Erase Ratio:** Better than 70 dB  
**Bias Frequency:** 100 kHz  
**Heads:** (3): One GX Forward Playback, One GX Reverse Playback, One Combination GX Recording/Erase Head.  
**Motors:** (3): One AC Servo Motor for capstan drive, Two Eddy Current Motors for reel drive.  
**Fast Forward & Rewind Time:** 75 seconds using a 1,200 ft. Tape  
**Output Jacks:** Line (2): 0.775V ("0" VU) (Required load impedance: more than 20 k ohms)  
Phone (1): 30 mV/8 ohms  
**Input Jacks:** Microphone (2): 0.3 mV/4.7 k ohms, Line (2): 70 mV  
**Din Jack:** 0.5 V/3 mV  
**Semi Conductors:** Transistors: 52, Diodes: 62  
**Power Requirements:** Canada and U.S.A. (CSA, UL and LA) Models: 120V, 60 Hz only, CEE Models: 220V, 50 Hz only  
Other Models: 100 to 240V, 50/60 Hz (Switchable)  
**Power Consumption:** 90 W  
**Dimensions:** 441(W) x 404(H) x 210(D)mm (17.4 x 15.9 x 8.3")  
**Weight:** 15.6 kg (34.3 lbs)

\*Specifications determined with Scotch #211 tape unless otherwise noted.

### STANDARD ACCESSORIES

Empty Reel . . . . . 1  
Connection Cord . . . . . 1  
Fuses . . . . . 1 set  
Operator's Manual . . . . . 1

\*Spare fuses not included with CEE, CSA, UL, and LA models.

\*For improvement purposes, specifications and design are subject to change without notice.

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