

# AKAI

# CR-83D

CARTRIDGE  
STEREO  
TAPE DECK

This 8-track cartridge stereo tape deck employs a dust-free head and efficient DC motor.

The simple, sleek lines and metallic front panel of this uniquely styled unit facilitates easy component matching and placement.

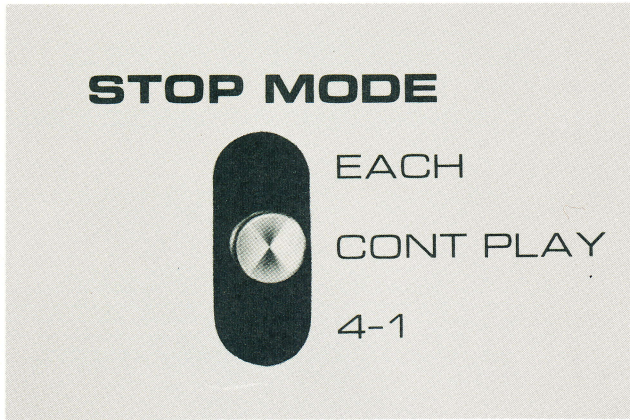
219 <sup>95</sup>



# THIS 8-TRACK, 2-CHANNEL STEREO SYSTEM FEATURES AUTOMATIC STOP OR CONTINUOUS PLAY, AND EASY TAPE COUNTING.

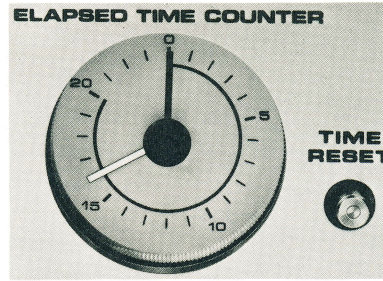


## AUTO STOP, REC, AND INDIVIDUAL CHANNEL INDICATOR LAMPS.



### STOP MODE SELECTOR FACILITATES AUTOMATIC STOP OR CONTINUOUS PLAY

Set for continuous play or effect automatic stop after each channel or after the entire tape has been recorded or played back. Automatic Stop Indicator Lamp.



### ELAPSED TIME COUNTER WITH RESET BUTTON FOR EASY TAPE COUNTING

Facilitates easy tape counting and enables the operator to determine how much time remains on a given channel. Permits efficient utilization of the entire tape.

### HEAD CLEANING MINIMIZED WITH DUST-FREE HEAD

The combination REC-PB/Erase head employed in the CR-83D is coated with a special metallic substance for a super smooth finish to which dust will not adhere. Thus, head cleaning is minimized and longer head life assured.

### FAST FORWARD FUNCTION

As an added convenience, this model features Fast Forward for rapid selection of tape programs.

### PAUSE CONTROL

A Pause Key enables temporary suspension of tape travel during operating modes. Especially convenient for tape editing and for fine adjustment of recording level prior to effecting recording mode.

### MANUAL PROGRAM SELECTOR AND CHANNEL INDICATOR LAMPS

Change channels at will with a manual Program Selector. Channel Indicator Lamps show which channel is being used.

### RECORDING SAFETY FEATURE

To prevent inadvertent recording by mistake, the REC Key cannot be depressed while a tape is set. Recording mode can be effected only by simultaneously depressing the REC Key and loading a tape. Recording Indicator Lamp.

### MICROPHONE AND LINE INPUT JACKS

Recording can be accomplished from line or microphone input jacks.

### EXPANDED VU METER SCALES

Expanded VU Meter Scales enable the operator to more accurately determine recording and playback levels.

### HEADPHONE JACK

Facilitates monitoring or private headphone listening.

### TECHNICAL DATA

Track System	8-track 2-channel stereo system
Tape Speed	3-3/4 ips
Wow & Flutter	Less than 0.15% WRMS
Frequency Response	60 Hz to 14,000 Hz ( $\pm 3$ dB) using Low Noise tape
Distortion	Less than 2% (1,000 Hz "0" VU)
Signal-to-Noise Ratio	Better than 48 dB (measured via tape with peak recording level of +6VU)
Bias Frequency	85 kHz
Head	Combination REC-PB/Erase Head
Motor	DC Motor
Fast Fwd. Time	4 min. using a 200 ft tape
Output Jacks	Line (2): 0.775 V ("0" VU) Required load impedance: more than 20 k ohms Phone (1): 30 mV/ 8 ohms
Input Jacks	Microphone (2): 0.7 mV/Required microphone impedance: 600 ohms Line (2): 70 mV/680 k ohms
Semi-conductors	Transistors 22, Diodes 21
Power Requirements	CSA, UL and LA Models: 120 V, 60 Hz only CEE Models: 220 V, 50 Hz only Other Models: 110 to 120 V, and 220 to 240 V, 50/60 Hz (Switchable)
Dimensions	420(W) x 110(H) x 245(D) mm (16.5" x 4.3" x 9.6")
Weight	5.3 Kg. (11.7 lbs.)

### STANDARD ACCESSORIES

Connection Cord	1 set
Operator's Manual	1

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

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