

# CD-330. PLAY WITH A PROFESSIONAL.

This portable stereo Dolby cassette deck lets you bring your remote or at-home recordings up to a truly professional level. We've built in the operational flexibility and recording excellence that professional broadcasters, musicians and journalists demand from on-location operation.

The CD-330 includes a Dolby™\* Noise Reduction System to give you noise-free recordings. Because it's a three-head deck, we've built in a Double Dolby System. One for recording and another for playback. So with the CD-330, you can record in Dolby—and monitor the Dolbyized decoded signal at the same time.

The three-head design means Separate Record, Playback and Erase Heads. So when you monitor while you record, you hear exactly what's going on the tape, giving you an instant check of actual recording quality.

Three-head design also means each head is designed specifically for its function—record, playback or erase—without sacrificing any performance for the sake of compromise.

The record and playback heads are Super-Hard Permalloy to assure wide frequency response, low phase distortion and up to ten times the head life of ordinary tape heads.

And that's only the beginning...

## • SEPARATE LEFT AND RIGHT CHANNEL

RECORD LEVEL CONTROLS assure precise balancing of the stereo signal and permit fade-in and fade-out of each channel while recording.

• AUTOMATIC RECORD LEVEL AND PEAK LIMITER FUNCTIONS provide the option of setting record levels manually, or using the built-in automatic record level (ARL) circuitry. The limiter automatically protects against high level input signals, so sudden volume increases won't cause distortion or tape saturation.

• STEREO PLAYBACK AMPLIFIERS permit stereo playback through headphones or a pair of quality external loudspeakers.

• PA/PLAY MIX lets the recorder function as a PA system, or as a sing-along accompanist. Snap in a previously recorded tape and you can mix your voice with the playback through the speaker without actually recording.

• ONE TOUCH RECORD allows instant recording with one-button ease, and lets you go directly from play into record mode.

• DC SERVO SYSTEM maintains precise motor speed to reduce wow and flutter and to improve speed stability.

• DUAL FLYWHEEL MECHANISM maintains a stable tape speed in any operating position.

• FOUR-WAY POWERING (AC or optional D batteries, DCA-6 car adaptor, rechargeable RBD-1 battery pack).

• A 4-INCH FULL RANGE SPEAKER is built in for convenient monitoring during portable applications.

• A 3-POSITION SWITCH allows monitoring of left



channel only, right only or both channels combined.

• TWO SPEAKER JACKS are provided for connection of high quality external loudspeakers.

• SELECTABLE BIAS AND TAPE EQUALIZATION ensure optimum performance from popular tape formulations—normal, chromium dioxide, or ferrichrome tapes.

• CUE AND REVIEW helps you find any point of sound on a cassette by enabling you to hear the tape while it's being advanced in fast-forward, or in rewind.

• TOTAL MECHANISM SHUT-OFF (TMS) turns the unit off in any mode when tape ends and prevents unnecessary battery drain and strain on the transport drive motor.

• DUAL CALIBRATED VU METERS provide accurate, easy-to-read record levels and battery strength indication.

• LOCKING PAUSE CONTROL allows you to momentarily stop tape motion in both record and play modes with touch-of-a-switch ease.

• The 20 dB MIC ATTENUATOR comes in handy for live recording of high sound pressure levels—rock music, for example.

• AUTOMATIC MIC/LINE SWITCHING.

• Additional outstanding features included are a 3-digit tape counter, front panel headphone and mic jacks, and side panel line input and output jacks.

• The CD-330 comes complete with shoulder strap, AC line cord and earphone.

## SUGGESTED ACCESSORIES:

• RBD-1 Rechargeable Battery Pack

• DCA-6 Car Adaptor

• EC-33S One-Point Stereo Condenser Microphone

• CLC-330 Carrying Case

## SPECIFICATIONS

|                                  |   |
|----------------------------------|---|
| Tape Speed:                      | 1 7/8 ips   |
| Record System:                   | Quarter-track stereo  |
| Frequency Response (Record/Play) |   |
| Normal Tape:                     | 35 Hz to 15 kHz   |
| CrO <sub>2</sub> Tape:           | 35 Hz to 16 kHz   |
| FeCr Tape:                       | 35 Hz to 18 kHz   |
| Signal-to-Noise Ratio: Wtd. IECA | 50 dB (without Dolby)<br>60 dB (with Dolby)   |
| Wow and Flutter:                 | 0.12% (WRMS)  |
| Inputs:                          | 2 Line (one for each channel)<br>Plug type: phono<br>Impedance: 100k ohms<br>2 Microphone (one for each channel)<br>Plug type: phono<br>Impedance: 10k ohms   |
| Outputs:                         | 2 Speaker (one for each channel)<br>Plug type: mini<br>Impedance: 8 ohms<br>2 Line (one for each channel)<br>Plug type: phono<br>Impedance: 1.5k ohms<br>1 Stereo headphone jack<br>Plug type: phono<br>Impedance: 150 ohms |
| Power Requirements:              | 120 volts AC, 60 Hz, 13 watts; 6 VDC  |
| Battery Quantity and Size:       | 4 "D" Cells   |
| Dimensions:                      | W: 11 1/2 in. (300 mm)<br>H: 3 1/4 in. (82 mm)<br>D: 7 3/4 in. (195 mm)   |