

## Twin Output Auto-Reverse Cassette Deck Recorder With Independent A and B Audio Outputs DN-780R



### [In/Out Terminals]

- **Variety of Wired Remote Control Terminals**
  - External Synchronized In/Out (RCA): You can synchronize with other the DN-780Rs
  - Serial D-Sub 9 pin (RS-232C)
  - Parallel D-Sub 25 pin
  - Mini TRS: Six basic functions can be controlled: PLAY, FF, REW, STOP, PAUSE and REC/REC MUTE.
- **T/S Mic Jacks on Front Panel (2)**
- **Cascade Connection In/Out (RCA)**
- **Optional XLR Input/Output Board<sup>(\*)</sup>**
  - Mono Output switch (Output Level, L: +4dBm R: -10dBv)
- **Headphone output (Selectable for Deck A, B or Mix)**
- **IR Remote Sensor**

### [Playback/Recording Functions]

- **Twin Output**
  - Simultaneously Playback of two different cassettes at the same time.
  - Playback on Deck A while recording on Deck B or vice/versa
  - Relay Play will play back both sides of the tape in Deck A, then both sides of Deck B.

- **Variety of Recording Modes**
  - Deck A/B Independent Recordings
  - Recording simultaneously on both decks. (Twin Rec)
  - Relay Record records on both sides of Deck A, then both sides of Deck B.
  - Cascade Recording
  - Multiple Synchronized Recordings
- **Mic Mixing Recording**
  - Mic Rec mode Select switch: OFF/LINE (You can monitor Mic sound without recording)/REC ( Recording Mic Sound)
  - Manual/Auto Gain Control
- **Normal/Double Speed Dubbing**
- **Cascade Playback**
- **Memory rewind (Return-to-Zero)**
- **Music Search**
- **Power On Playback**
- **Dolby B and C Noise Reduction System**
- **Dolby HX-Pro Headroom Extension System**
- **Independent FL Peak Hold Level Meter**
- **Independent Tape Counter**
- **MPX Filter**

## [Mechanical Features]

- Quick Auto Reverse
- Independent Tape Speed Control of  $\pm 12\%$
- Non-Slip Reel Drive
- Auto Tape Selector (Normal, CrO<sub>2</sub>, Metal)

## [General Features]

- Standard 19 inch, 3RU Aluminum Front Panel

## [Options]

- RC-U620: Hand Held IR remote
- RC-41: Wristwatch IR remote
- RC-770TW: Wired remote

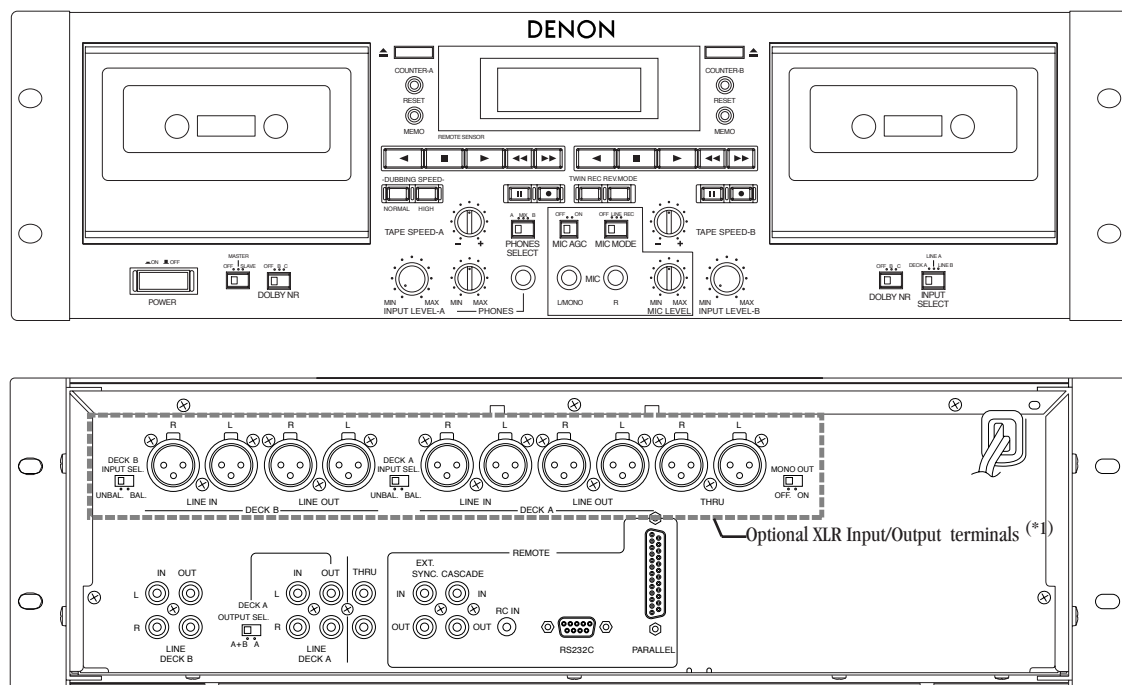
## Specifications

|                       |                                                                                           |
|-----------------------|-------------------------------------------------------------------------------------------|
| Type                  | 4-track, 2-channel stereo auto reverse dual cassette deck                                 |
| Tape selector         | Auto tape selector<br>(I - Normal, II - CrO <sub>2</sub> , IV - Metal)                    |
| Heads                 | Record & Playback<br>Erase<br>Hard Permalloy x 2 (Revolving head)<br>Dual-gap ferrite x 2 |
| Motors                | Capstan<br>Reels<br>DC servo motor x 2<br>DC motor x 2                                    |
| Wow & Flutter         | 0.060 % wrms, $\pm 0.14\%$ wpeak                                                          |
| Fast Forward time     | Approx. 110 sec (C60)                                                                     |
| Speed adjustment      | $\pm 12\%$ with center click<br>(Equipped independently for both drives)                  |
| Audio Section         |                                                                                           |
| Frequency response    | 20 Hz - 18 kHz, $\pm 3$ dB (at -20 dB, Metal tape)                                        |
| Signal to noise ratio | 74 dB (Dolby C on, 3 % THD by CCIR/ARM)                                                   |
| Line input            | 50 mV, 240 kohms, unbalanced                                                              |
| Mic input             | 0.775 mV, unbalanced with T/S                                                             |
| Line output           | 775 mV, 47 kohms load, unbalanced                                                         |
| Headphones            | 1/4 inch stereo jack, 7 mW<br>(33 ohms load, Selectable for deck A or B)                  |
| Noise reduction       | Dolby NR B/C/OFF                                                                          |
| Headroom extension    | Dolby HX Pro                                                                              |
| Power supply          | AC 120V $\pm 10\%$ , 60 Hz (USA, Canada)                                                  |
| Power consumption     | 33 W                                                                                      |
| Dimensions            | 483 (W) x 134 (H) x 275 (D) mm<br>19.0 (W) x 5.3 (H) x 10.5 (D) inch                      |
| Weight                | 6.5 kg, 14.3 lbs                                                                          |

Specifications are subject to change without notice.

Dolby noise reduction and HX Pro headroom extension manufactured under license from Dolby Laboratories Licensing Corporation. HX Pro originated by Bang & Olufsen.

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