

Professional Cassette Recorder DN-720R



Main Features

- Amorphous Head
- Dolby B and C Noise Reduction System
- Tape Speed Control of $\pm 12\%$
- Memory rewind (Return-to-Zero)
- Non-Slip Reel Drive
- Wired Remote Control
- Bias Fine Adjust
- Tape length selector for precision counter display

• 19 inch Rack Mountable

• Amorphous Head

The advantage of the amorphous head is that it improves the high frequency dynamic range by as much as 2 to 2.5 dB at 14 kHz.

• Dolby B and C Noise Reduction System

• Dolby HX-Pro Headroom Extension System

• Tape Speed Control of $\pm 12\%$

- When switched to the variable speed mode, a rotary knob allows speed changes of plus or minus 12 %.

- Musicians can change the key of a song during playback and DJs can change the tempo of dance songs for beat mixing.

- The center click position is the normal speed.

- When you press "TAPE SPEED" button, normal speed is provided regardless of the knob position.

• Memory rewind (Return-to-Zero)

- Once you search a cue point and press the memory button and reset the tape counter, the player stops at Zero if you rewind tape.

• FL Peak Hold Level Meter

• Headphone output

• Non-Slip Reel Drive

- The highly reliable friction reel drive produces optimum tape tension during fast forward and rewind, as well as stable tape travel during playback and recording.

• Precision Music Search

• Auto Tape Selector (Normal/CrO2/Metal)

• Precision Tape Counter (Real Time Tape Counter)

• Wired Remote Control

- A unique 3-wire remote control system has been achieved thanks to an A/D converter system. A qualified engineer will be able to construct a simple controller following the schematic diagram provided.

1. A simple 3-pin (stereo) mini jack allows wired remote connection.

2. Six functions can be controlled: PLAY, FF, REW, STOP, PAUSE and REC/REC MUTE.

• Bias Fine Adjust

Separate bias fine-adjustment knobs for the left and right channels are provided on the front panel for convenient fine tuning of bias level.

• MPX Filter

• A tape length selector for precision counter display

C60, C74, C90 and C100 tapes, except those with large hubs.

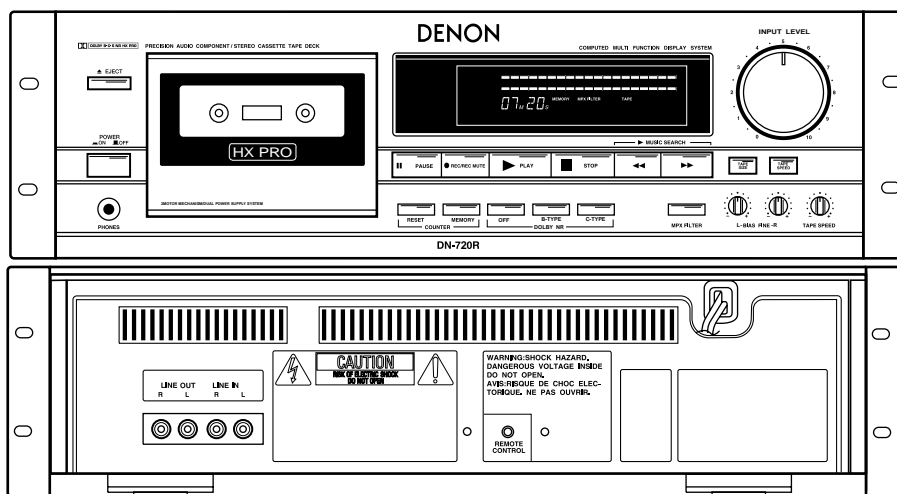
Specifications

Type	4-track, 2-channel stereo cassette deck
Tape selector	Auto tape selector (I - Normal, II - CrO2, IV - Metal)
Heads	
Record & Playback	Amorphous x 1
Erase	Double-gap ferrite x 1
Motors	
Capstan	DC servo motor x 1
Reels	DC motor x 1
Wow & Flutter	0.055 % wrms, ± 0.14 % wpeak
Fast Forward time	Approx. 110 sec (C60)
Speed adjustment	± 12 % with center click
Audio Section	
Frequency response	25 Hz - 19 kHz, ± 3 dB (at -20 dB, Metal tape)
Signal to noise ratio	74 dB (Dolby C on, 3 % THD by CCIR/ARM)
Line input	80 mV (-20 dBv), 50 kohms, unbalanced
Line output	775 mV (0 dBv), 47 kohms load, unbalanced
Headphones	1/4 inch stereo jack, 1.2 mW (8 ohms load)
Noise reduction	Dolby NR B/C/OFF
Headroom extension	Dolby HX Pro
Bias fine adjustment	Independent left and right channels
Tape length selector	C60/C74/C90/C100 (Cyclic)
MPX filter	ON and OFF
Power supply	AC 230V ± 10 %, 50 Hz (Europe, Others) AC 120/220/240V ± 10 %, 50/60 Hz (Asia, Others)
Power consumption	16 W
Dimensions	483 (W) x 134 (H) x 275 (D) mm
Weight	4.7 kg

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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NIPPON COLUMBIA CO., LTD.

14-14, AKASAKA 4-CHOME, MINATO-KU, TOKYO 107-8011, JAPAN

www.denon.co.jp