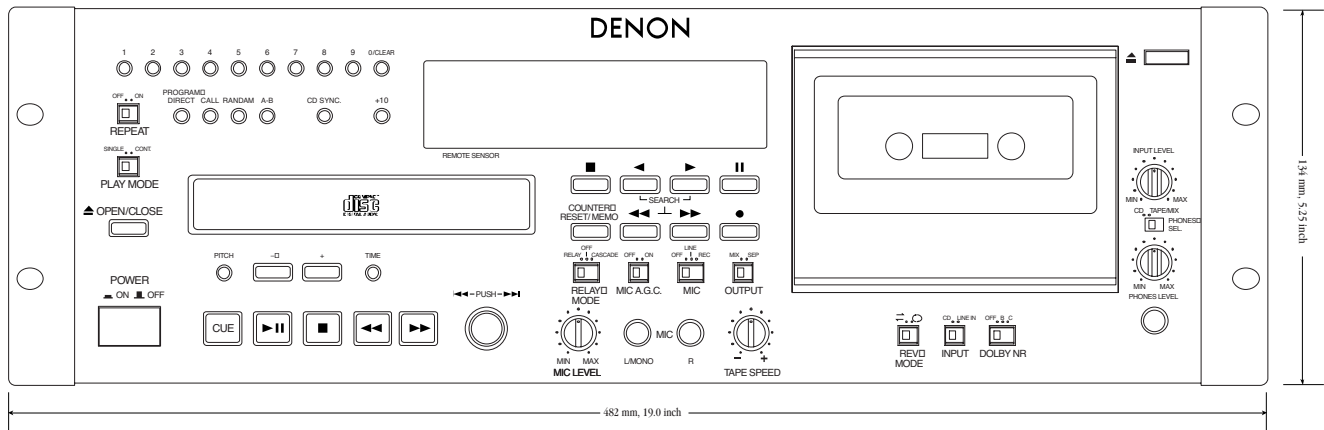


DENON

DN-T625

CD/Cassette Combi-Deck

The First Name in Digital Audio



DESCRIPTION

The Denon DN-T625 is a professional CD player and cassette player/recorder housed in a single 3RU rack-mount chassis. It is the successor to the popular DN-T620 and includes many new feature enhancements for professional applications, including RS-232C serial control, CD-RW playback, shock memory, Dolby C noise reduction, CD text and split level mono XLR output for input level matching to mixing boards.

Designed for churches, schools, restaurants and a variety of other music-source applications, the DN-T625 allows users to create their own recordings from disc to cassette, or mix sounds from both sources. When combined with a mixer, sounds from a CD and microphone can be mixed and recorded to the cassette deck. This option is perfect for custom-made background music or pre-recorded announcements.

Functions on the CD player include a variable pitch of $\pm 12\%$ of playback speed, A-B Repeat mode, Single/Continuous Playback mode and a Back Cue feature. A Rotary Control Knob allows for quick track access as it offers 1x/10x control. Digital SPDIF output has been added to the array of back panel connectors along with sync and cascade control for use with multiple DN-T625 units. Digital servo adjustment for the unit's CD player has been automated so that the optimum setting is always obtained for the type of CD being played, compensating for any changes occurring in the pickup over years of use.

MAIN FEATURES

CD Player

- **CD-R/RW Playback compatibility**
- **$\pm 12\%$ Pitch Control**
- **CD Text**
- **Repeat mode (Single Track/ All tracks/ A-B/Random Repeat)**
- **Random mode**
- **Shock Proof Memory (approx. 10 sec.)**
- **Direct Track Select Buttons or Rotary Track Select Knob**
- **A (11 keys including 0/Clear)10-key pad is provided for direct track selection or to enter up to 99 tracks for programmed playback.**
- **Program Play: Max. 99 tracks**
- **Frame Search (75 Frames Per Second) & Back Cue functions**
- **Music Search**
- **Playback Mode: Single/Continuous**
- **Input/Output Terminals**
- **Serial D-Sub 9 pin, RS-232C**

- **Wired Remote Control terminal**

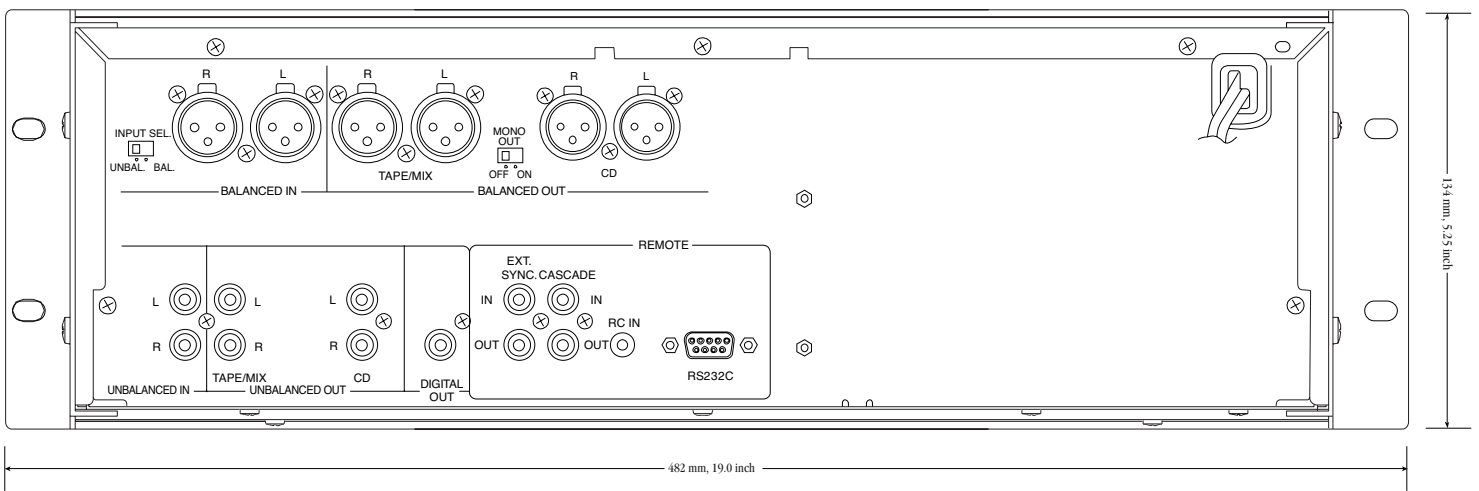
- Stereo Mini jack
- Synchro Recording to the DN-780R via RCA In/Out (Phillips RC5 compatible)

- **Cascade IN/OUT**

- **Coaxial Digital Output for CD (SPDIF)**
- **Balanced (XLR)/Unbalanced (RCA) switchable Input connectors**

Cassette Deck

- **Dolby B/C Noise Reduction**
- **REC Input source switchable between internal CD and external line input**
- **Quick Auto Reverse, 2 Motor Mechanism with optical sensor**
- **Playback Speed Control: $\pm 12\%$**
- **Memory rewind (Return - To - Zero)**
- **1 button recording**
- **CD-Deck Sync. Recording**



ARCHITECT'S & ENGINEER'S SPECIFICATIONS:

The combination CD player and cassette recorder/player shall be housed in a single 3RU rack-mount chassis. The unit shall allow recording directly from CD to cassette and provide external recording inputs into the cassette. The unit shall provide a user adjustable preset menu.

The cassette unit shall feature Dolby B and C noise reduction. $\pm 12\%$ pitch control shall be provided on both the CD and cassette deck. All analog inputs and outputs will offer XLR balanced and RCA unbalanced connectors. An XLR mono output switch shall be provided. The CD player shall offer A-B Repeat mode, Single/Continuous Playback mode and a Back Cue function. A Rotary Track Select Knob with 1x/10x control shall be provided. The unit shall read CD text. The digital servo shall feature an automated adjustment.

The unit shall feature an 11-key keypad for direct track entry, and shall feature a headphone jack with separate volume control. The unit shall feature separate displays for the CD and cassette sections, and shall provide CD frame indication for precision cueing/editing. The unit shall be provided with an external remote control port, mounted on the rear panel, that is compatible with the optional Denon RC-620 wired remote control unit. The unit shall provide a 9 pin RS-232C port. The unit shall provide cascade and sync ports for use with other DN-T625 units.

The combination CD player and cassette recorder/player shall be the Denon DN-T625.

SPECIFICATIONS

CD SECTION

Audio Channel:	2 stereo channel
Digital Filter:	8-times Oversampling Digital filter
Frequency Response:	20 Hz - 20 kHz
Total Harmonic Distortion:	0.009%
S/N Ratio:	98 dB
Channel Separation:	70 dB
Sampling Frequency:	44.1 kHz (at Normal Pitch)
Analog Outputs:	(1 kHz, 0 dB playback)
Balanced:	+18dBu at 0 dB disc, 600 ohms, 3-Pin XLR (1: GND, 2: HOT, 3: COLD) L: +18 dBu, R: -10 dBu (MONO output)
Unbalanced:	2.0 Vrms at 0 dB disc, 10 kohms Digital Output
Transfer and Connector:	Coaxial (RCA)
Signal Format:	IEC-958 Type II (SPDIF)

CASSETTE DECK SECTION

Heads	
Record & Playback:	Hard Permalloy x 1
Erase:	Double-gap ferrite x 1
Motor:	DC servo motor x 2

Wow & Flutter:	0.06% wrms
Fast Forward Time:	Approx. 110 sec. (C60 tape)
Speed Adjustment:	$\pm 12\%$ or better with center click
Single to Noise Ratio:	70 dB (Dolby C on, 3% THD by CCIR/ARM)
Line Input Sensitive	
Balanced:	90 mV, 120 kohms, 3-Pin XLR (1: GND, 2: HOT, 3: COLD)
Unbalanced:	50 mV, 47 kohms
Line Out:	
Balanced:	+4 dBu (0 dB), 600 ohms, 3-Pin XLR (1: GND, 2: HOT, 3: COLD) L: +4 dBu, R: -10 dBu (MONO output)
Unbalanced:	775 mV (0 dB), 47 kohms
Headphone output:	15 mW, 33 ohms
Power Supply:	AC120V, 60 Hz
Power Consumption:	25W
Dimensions:	482 (W) x 134 (H) x 275 (D) mm 19.0 (W) x 5.25 (H) x 10.8 (D) inch (3 Rack Units, Removable Rack Ears)
Weight:	6.7 kg, 14.8 lbs

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