

PRODUCT OVERVIEW

TASCAM's CD-A700 combines popular consumer media formats into one box. The CD player and cassette deck can act as totally separate units with individual outputs in the back, or take advantage of the combination rack with direct dubbing, long



play capabilities, and an input-saving cascade output mode. The CD-A700 is equipped with balanced (XLR) and unbalanced (RCA) inputs and outputs plus digital coax SPDIF. A wireless remote control is included.

MSRP \$650.00

Integrated CD Player & Reversible Cassette Deck

3-U Rack Mount Design

± 12% Pitch Control on CD and Cassette Deck

Return To Zero Function on Cassette Deck

Wireless Remote Control Included

Headphone Output with Level Control

Continuous Play function between Cassette & CD

Program Play and Shuffle Play Modes

Dolby B Noise Reduction on Cassette Mechanism

Balanced XLR and Unbalanced RCA Analog I/O

SPDIF Coaxial Output from CD Player

Control I/O for Custom Remotes & Tallies

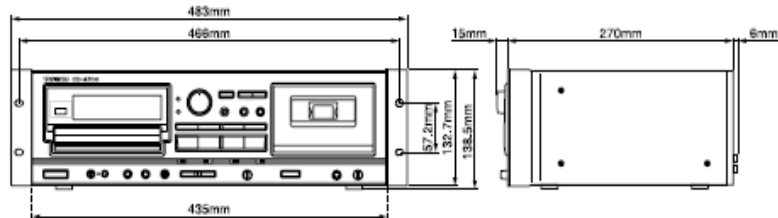
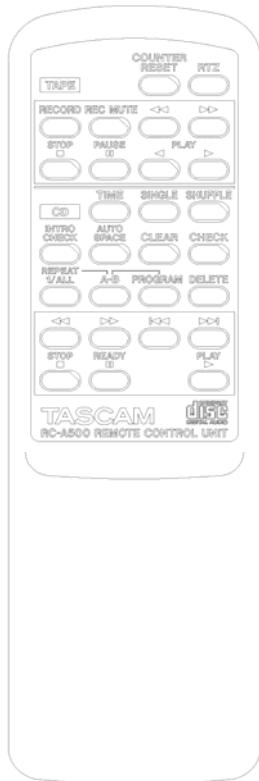
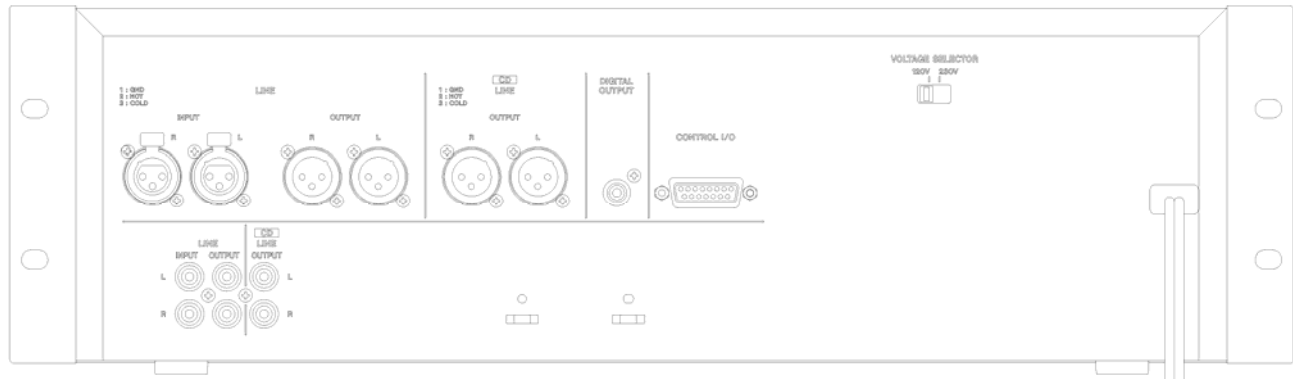
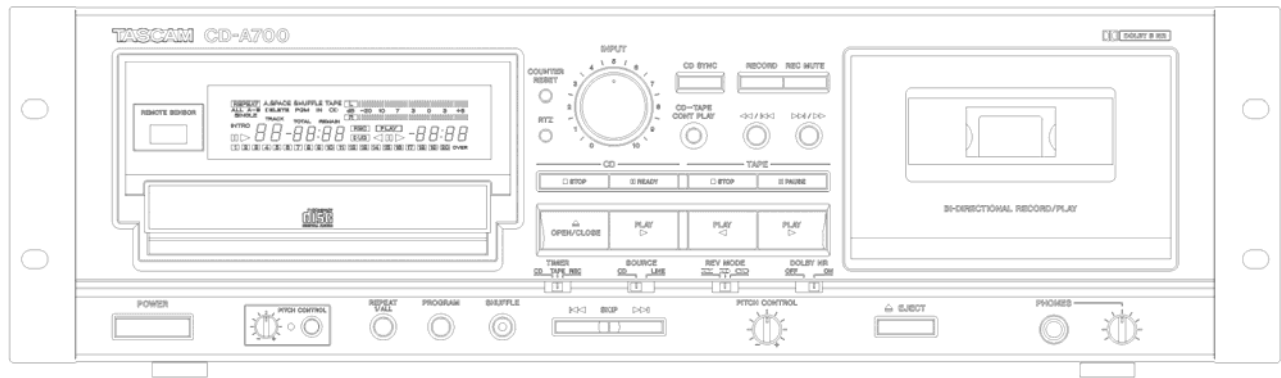
CONSULTANT'S AND SYSTEM DESIGN SPECIFICATIONS

The TASCAM CD-A700 is a 3U rack-mountable combination CD player, tray loaded mechanism, and cassette deck, two-head bi-directional player recorder. The unit offers the ability to record directly from the CD to the cassette; or, onto the cassette from an external source.

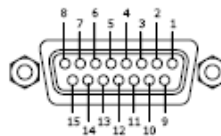
The cassette deck provides 12 +/- Pitch Control, Dolby B noise reduction, and its counter reset has an RTZ function. Rear panel I/O consists of balanced (XLR) and unbalanced (RCA) connectors with front panel input volume control.

The CD player offers Program Play, Shuffle Play and allows continuous play of one or all tracks. Output via rear panel balanced (XLR) and unbalanced (RCA) jacks. Digital output is available through coax S/PDIF jacks.

The combination provides power on play/record and includes a wireless remote (RC-A500). Additional control is accessible through a DB15 parallel port.



Control I/O Legend



Pin	Component & Signal
1	Cassette Ready
2	Cassette Reverse Play
3	Cassette Forward Play
4	CD Track Decrement
5	CD Track Increment
6	CD Stop
7	CD Ready
8	Common Ground
9	Cassette Stop
10	Cassette Fast Forward
11	Cassette Rewind
12	Cassette Play Tally
13	CD Play Tally
14	CD Fader Start/Ready
15	CD Event Start

Parallel Control Notes:

Commands are active when brought to ground for 30 msec or longer.

CD Fader Start (14) is a latched function. Playback begins when the pin is brought to ground for more than 50 milliseconds, and stops when the pin is released for more than 50 milliseconds.

CD Event Start will begin playback when the pin is brought to ground for 100 milliseconds.

Tally outputs are open collectors that indicate the associated function when the pin is brought to ground. 15V, 80mA current.

SPECIFICATIONS

CD player section

Number of channels:	2
Frequency response:	20 - 20,000 Hz \pm 0.5 dB
Signal-to-noise ratio:	90 dB
Total harmonic distortion:	0.02% (1 kHz)
Wow and flutter:	Unmeasurable (quartz accuracy)
Channel separation:	75 dB
Pitch control:	Approx. \pm 12 %
Output (RCA):	2 Vrms
Output (XLR):	+20 dBu
Digital filter:	4-times oversampling
Analog filter:	3rd order

Cassette section

Track system:	4-track 2-channel stereo
Heads:	Record/playback x 1 (rotary reverse), erase x 1
Type of tape:	Cassette tape C-60, C-90
Tape speed:	4.76 cm/sec.
Pitch control:	Approx. \pm 12 %
Motor:	DC servo motor x 1
Wow and flutter:	0.08% (W. RMS)
Frequency response (overall):	50 – 15,000 Hz \pm 3 dB, metal 50 – 15,000 Hz \pm 3 dB, chrome 50 – 14,000 Hz \pm 3 dB, normal
Signal-to-noise ratio (overall):	69dB(DOLBYNRoff,3%THD level, weighted), 69 dB (DOLBY NR on, over 5 kHz)
Fast winding time:	Approx. 120 sec. (with C-
Input (RCA):	-9 dBu (input impedance of 50 kohms)
Input (XLR):	+4 dBu (input impedance of 10 kohms)
Line output (RCA):	-4.5 dBu (output impedance of 400ohms)
Line output (XLR):	+4 dBu (output impedance of 150 ohms)
Headphones:	5 mW/32 ohms

General

Power requirements:1	20/230 V AC, 50–60 Hz(U.S.A./Canada/General export model) 230 V AC, 50 Hz (Europe/U.K. model) 240 V AC, 50 Hz (Australia model)
Power consumption:	15 W
Dimensions (W x H x D):	483 x 138.5 x 270 mm (19" x 5-1/4" x10-5/8")
Weight:	6.6 kg (14.1 lbs.)