

### PRODUCT OVERVIEW

TASCAM's CC-222 is the world's only cassette and CD recorder combination deck. The ability to record to both decks simultaneously makes this ideal for creating masters on the two most popular consumer formats at the same time. The decks can also be used to transfer content between formats.

Audio I/O is provided on unbalanced RCA connections. Optical and coaxial SPDIF digital I/O is provided for the CD mechanism. For convenience, a phono preamp is offered, allowing for easy transfer of LPs to cassette or CD formats. The RC-222 wireless remote is included.



- 3-U Rack Mount Design
- Integrated CD Recorder & Reversible Cassette Deck
- ± 12% Pitch Control on Cassette Deck
- Return To Zero Function on Cassette Deck
- Dolby Noise Reduction on Cassette Deck
- Continuous Play function between Cassette & CD
- Program Play and Shuffle Play Modes
- Unbalanced RCA Analog I/O
- SPDIF Coaxial and Optical I/O for CD Player
- RIAA Phono Input for Record Player Connection
- Headphone Output with Level Control
- RC-222 Wireless Remote Included

### APPLICATIONS

#### House of Worship - Live Recording

Many religious institutions are making cassette and CD recordings of services that can be distributed to members of their congregation who could not attend services. The CC-222's ability to record to cassette and CD simultaneously has proven invaluable, allowing them to make recordings of services on both popular consumer media formats without external signal splitters to feed multiple decks or the need to waste hours making transfers after the services.

#### Lecture Halls - Board Rooms - Live Sound / PA - Education

Often times, the person running sound has never had any training. The CC-222's straight-forward design allows even a novice to operate the deck with ease.

In most shows and assemblies at a school or church, multiple sound cues are needed from multiple people. The CC-222 can be used to put the sound cues all on a single CD, preventing endless fumbling in the dark with stacks of poorly labeled cassettes and CDs in show time. This is a simple way to avoid common mistakes, making the show run smoother.

Some libraries and schools have also found the CC-222 useful for transferring stacks of old cassette and LP records to CD format. This allows them to revitalize huge archives of learning materials on the more durable (and readily available) CD media.

The CC-222 is available at:



### SPECIFICATIONS

#### CD Player Section:

Recording Media: CD-R, CD-RW, CD-RDA, CD-RWDA  
Frequency Response: 20Hz-20kHz (± 0.5dB play, ± 1dB record)  
Signal to Noise Ratio: >88dB play, >83dB record  
Total Harmonic Distortion: <0.012% play, <0.015% record  
Wow and Flutter: Unmeasurable (<0.001%)  
Channel Separation: >80dB play, >75dB record (1kHz)

#### Cassette Section:

Track System: 4 track, 2 channel stereo  
Heads: Record/playback (Rotary Reverse)  
Erase  
Type of Tape: Cassette C-60, C-90  
Type I (Normal), Type II (CrO<sub>2</sub>/High Bias),  
Type IV (Metal) - Playback Only  
Tape Speed: 1 7/8 ips, 4.76 cm/sec  
Pitch Control: Approx ± 12%  
Motor: DC Servo Motor  
Frequency Response: 50Hz-15kHz ± 3dB CrO<sub>2</sub>  
50Hz-14kHz ± 3dB Normal  
Signal to Noise Ratio: >59dB Dolby off, 3% THD wtd  
>69dB Dolby on, over 5kHz  
Wow and Flutter: <0.08% (W RMS)  
Fast Winding Time: Approx 120 sec, C-60

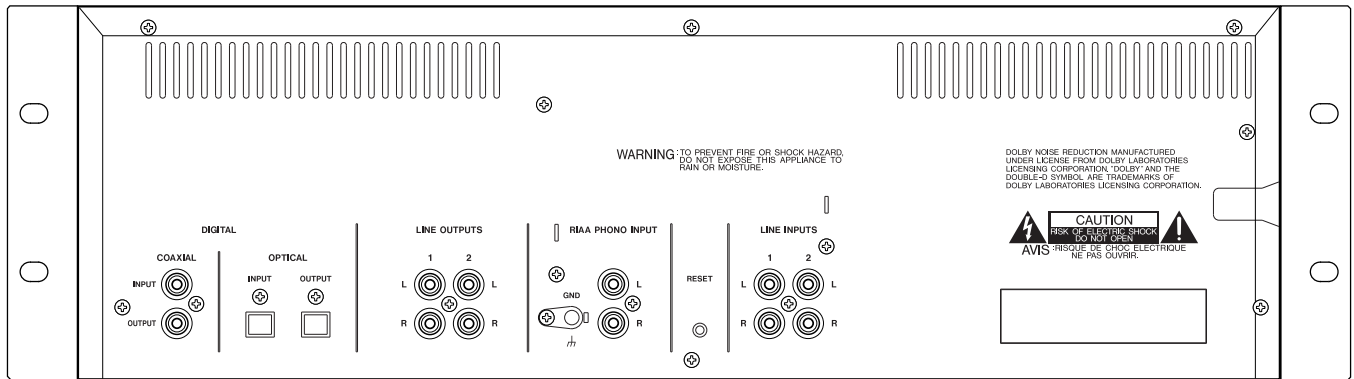
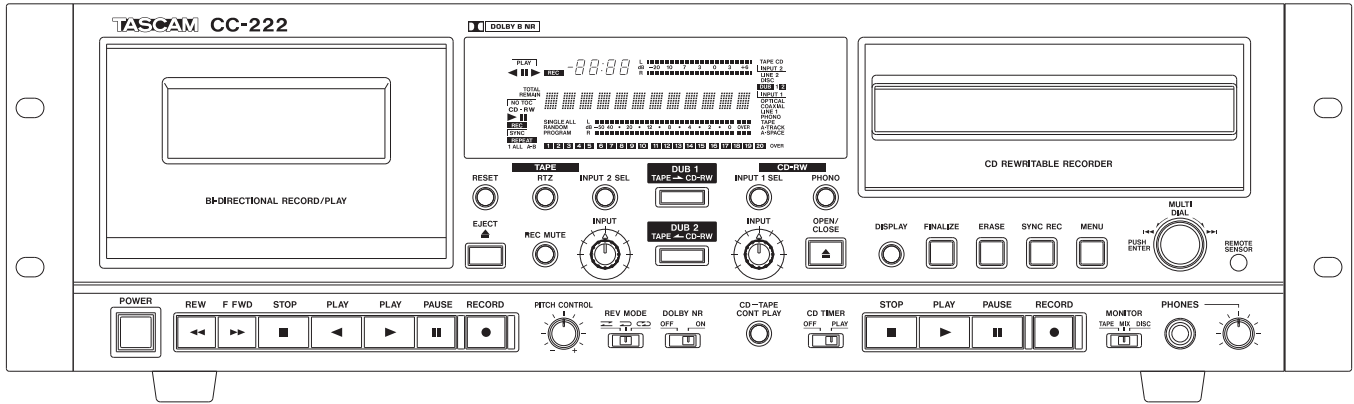
#### Audio I/O:

Analog I/O: Independent RCA Inputs for CD/Cassette  
Dedicated RCA Output for CD  
Cascade RCA Output (Cassette priority)  
SPDIF Coax I/O, SPDIF Optical I/O  
Digital I/O: RIAA Compliant, (2) RCA + GND  
Phono Input: 1/4" TRS, 10W+10W, 32 Ohms  
Headphone Output:

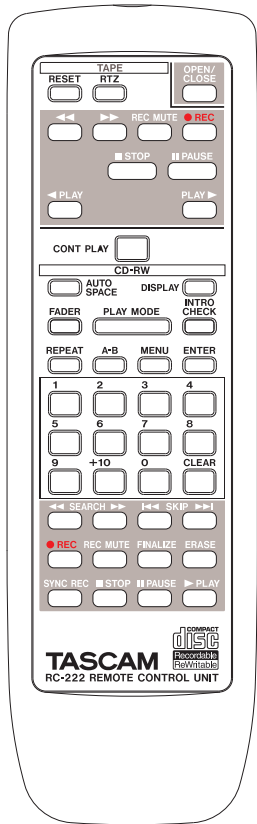
#### General:

Power Requirements: 120/230V AC, 50-60Hz (US/Export)  
230V AC, 50Hz (Europe Model)  
240V AC, 50Hz (Australia Model)  
Power Consumption: 30W  
Dimensions: 483 x 138 x 295 mm  
19" x 5.4" x 11.6"  
Weight: 8Kg, 17.6 lbs  
Standard Accessories: Wireless Remote (RC-222)

**PANELS AND REMOTE**



**ARCHITECT'S SPECIFICATIONS**



The CD recorder and cassette combination deck shall be combined into a single unit that can mount in three standard 19" rack spaces. The CD recorder shall be built on a TEAC CD-W54E (or similar) computer CD-RW mechanism, providing exceptionally long life. The cassette deck shall be a two head bi-directional player and recorder.

The CD player portion shall offer automated play modes, including Program Play and Shuffle Play, and shall also be capable of continuous play of one track, or all tracks. When recording, the CD-RW mechanism shall implement a RAM buffer to assist Auto ID and Sync Start logic pace tracks as accurately as possible, without cutting off material. The combination deck shall support automatic dubbing between the cassette and CD mechanisms in either direction. The combination deck shall also support simultaneous recording from an outside source to both decks, or recording to one deck while playing on the other. Simultaneous play on both mechanisms shall also be supported.

For increased dynamic range during recording, the cassette mechanism on the combination deck shall utilize a switchable Dolby B noise reduction circuit. The cassette mechanism shall offer a counter reset and a return to zero function. Pitch control shall be

provided on the cassette deck with a  $\pm 12\%$  range, adjustable from the front panel.

The CD recorder shall have dedicated inputs and outputs on unbalanced RCA connectors, as well as digital coaxial and optical SPDIF connectors. The cassette deck shall have a dedicated input on unbalanced RCA connectors. The cassette output shall double as a common output, passing CD audio when the cassette is not in use. An additional RIAA phono input shall be provided, for direct connection of a record player.

The combination deck shall have a timer play function that engages the CD to play when powered up. Continuous play between the cassette and CD mechanisms shall also be offered.

The CD player and cassette combination deck shall be controllable with a TASCAM RC-222 wireless remote. Dimensions of the combo unit shall be 19" x 5.4" x 11.6" (W x H x D).

*Metric measurements: 483x138x295mm.*

**The CD player and cassette combination deck shall be a TASCAM CC-222.**

*NOTE: This text is available in a standard text file on TASCAM's Systems Contractor CD-ROM.*