

PRODUCT OVERVIEW

TASCAM's CC-222mkIII is the latest generation of the most popular combination CD/cassette recorder. The CC-222mkIII records to both CD and Cassette media at the same time, and features an RIAA phono input for recording from



a turntable. The CC-222mkIII includes MP3 file playback, power on play, optical digital output, and time track increment. The CC-222mkIII can be operated as two individual recorders or record one source to both recorders simultaneously. The Time-Track -Increment feature automatically adds a CD track ID every few minutes (adjustable from 1 to 10 minute increments). The CC-222mkIII provides the ability to add a track marker when the signal drops below a certain level, or when the record button is pressed.

MSRP \$949.00

3U Rack Mount Design

± 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

SPDIF Coaxial and Optical I/O for CD player

RIAA Phono Input for turntable connection

Headphone Output with Level Control

RC-222 Wireless Remote Included

MP3 file playback, including navigating through directories of MP3 files

Dedicated analog input level controls

Fade in/fade out recording features

Auto track increment by level with trim function

Time Track Increment feature adds a CD track ID every 1 to 10 minutes

Automatic sample rate converter (to 44.1 kHz, defeatable)

Power-on play

CONSULTANT'S AND SYSTEM DESIGN SPECIFICATIONS

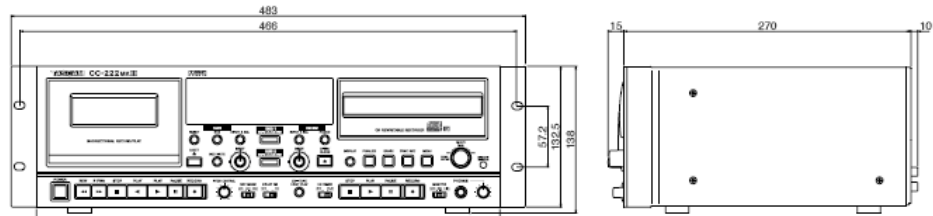
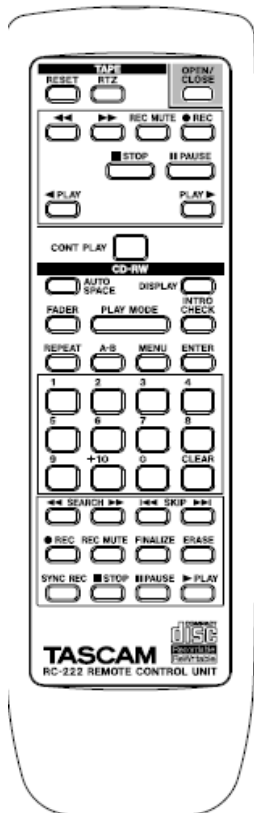
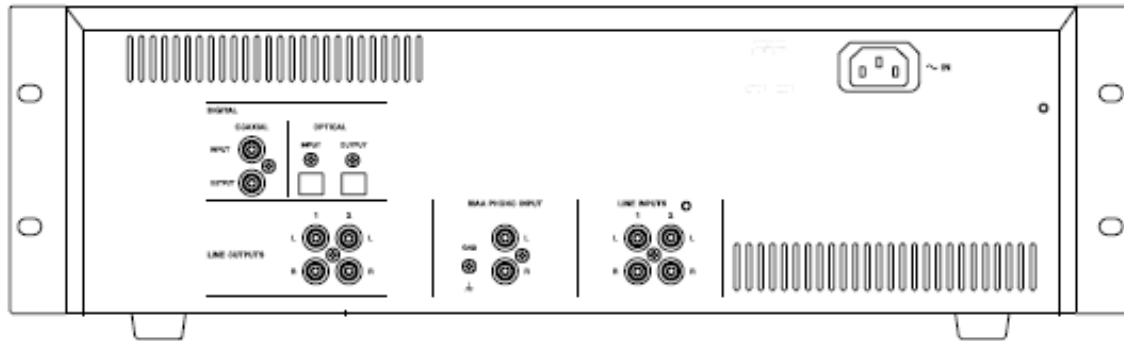
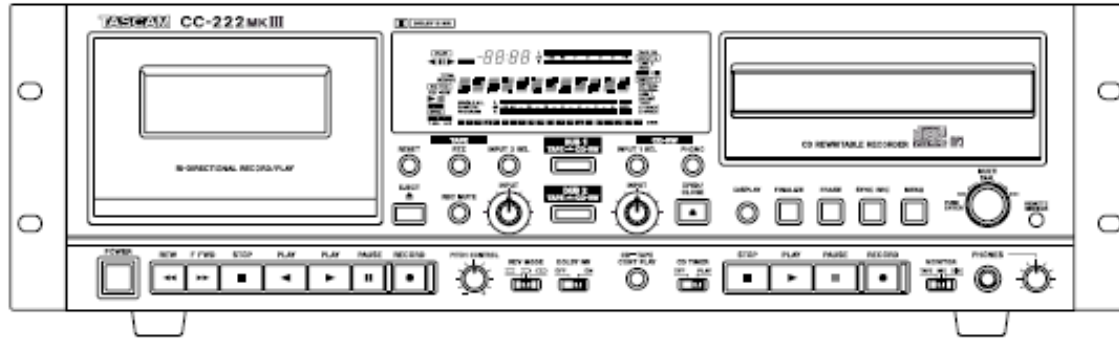
The TASCAM CC-222mkIII is a 3U rack-mountable combination CD player/recorder, tray loaded mechanism, and cassette deck, two-head bi-directional player/recorder. The unit offers continuous play between cassette and CD, automatic dubbing between cassette and CD (in either direction), simultaneous recording from an outside source to both decks, or recording to one deck while playing to another. Simultaneous play on both mechanisms is also possible. The combination provides power on play and includes a wireless remote (RC-222).

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 unbalanced RCA connectors with front input control. The output doubles as a common output passing CD audio when the cassette is not in use.

The CD player offers MP3 playback, Program Play, Shuffle Play and allows continuous play of one or all tracks. Output, located on rear panel, are line level RCA jacks. Digital S/PDIF I/O is available through coax and optical connectors.

An RIAA phono input is provided.

PANELS



APPROVE MEDIA LIST

In order to take the guesswork out of selecting media, we are posting an approved list of media for use with the CC-222mkIII. At the time of this writing, media from each of these manufacturers was written to and verified.

CD-R / CD-R-DA approved manufacturers:

Sony, TDK, Taiyo Yuden, AMT, CMC, Ritek, Prodisc, Mitsubishi Chemical

CD-RW / CD-RW-DA approved manufacturers:

Sony, Ritek, Prodisc, AMT, CMC, Ricoh, Mitsubishi Chemical.

High-speed media is approved for use, meaning that the unit is not limited to 1x speed media. Music discs with copy control, a copy-protection system, have been released from several record companies in an attempt to protect the copyright. Since some of these discs do not comply with the CD specifications, they may not be playable on the CC-222mkIII. 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.

SPECIFICATIONS

CD recorder section

Recordable discs	CD-R, CD-R-DA, CD-RW, CD-RW-DA (High speed CD-RW is supported)
Quantization bit depth	16 bit linear
Sampling frequency	44.1 kHz
Frequency response	20 Hz~20 KHz ±0.8 dB (playback) ±1.0 dB (recording)
S/N ratio	92 dB (playback) 88 dB (recording)
Dynamic range	92 dB (playback) 88 dB (recording)
Total harmonic distortion	0.006% (playback) 0.01% (recording)
Channel separation	80 dB (playback:1kHz) 75 dB (recording:1kHz)
Wow and flutter	Unmeasurable (< 0.001 %)
Digital input	Fs 32 kHz to 48 kHz (SRC ON) 44.1 kHz (SRC OFF)
Digital input	Coaxial RCA pin jack (IEC60958 Consumer use) Optical TOSLINK (IEC60958 Consumer use)
Digital output	Coaxial RCA pin jack (IEC60958 Consumer use) Optical TOSLINK (IEC60958 Consumer use)
Line inputs 1	Unbalanced input RCA pin Level -10 dBV (Full Scale -16 dB) Maximum input level +6 dBV
Input impedance	50 k Ω ±10 % (unbalanced)
Line outputs 1	Unbalanced output RCA pin
Level	-10 dBV (Full Scale -16 dB)
Maximum output level	+6 dBV ±2 dB
Output impedance	600 Ω ±10% (unbalanced)

Cassette recorder section

Number of channels	4-track, 2-channel stereo
Heads Record/playback	x 1 (rotary reverse), erase x 1
Type of tapes Compact Cassette	C-60, C-90 Type I (normal)), Type II (high-position)-recording and playback; Type IV (metal)-playback only
Tape speed	4.76 cm/s (1 7/8 ips)
Motor	DC servo motor x 1
Wow and flutter	<0.19% (W.RMS)
Frequency response (overall) 50 Hz —	12.5 kHz ±3 dB (high position) 50 Hz — 10 kHz ±3 dB (normal)
Signal-to-noise ratio (overall)	46 dB (Dolby NR off) 52 dB (Dolby NR on)
Fast winding time	About 120 seconds (C-60)
Line inputs 2	Unbalanced RCA
Normal input level	0.28 V (-11 dBV)
Input impedance	50 k Ω
Line outputs 2	Unbalanced RCA
Normal output level	0.46 V (-6.7 dBV)
Output impedance	1k Ω

Phono input and headphones

RIAA PHONO INPUT	Unbalanced RCA (with grnd)
Cartridge type	MM (moving magnet)
Input signal level	5.6 mV
Input impedance	50 k Ω
S/N ratio	60 dB (6.3 Ω)
PHONES (headphone output)	6 mm (1/4") stereo
Output level	10 mW + 10 mW (into 32 Ω)

General specifications

Power	U.S.A./Canada 120 VAC, 60 Hz U.K./Erope 230 VAC, 50 Hz Australia 240 VAC, 50 Hz
Power consumption	33 W
Dimensions	(d x w x h) 295 x 435 x 138 (mm) 11.6 x 17.13 x 5.4 (in)
Weight	7.4 kg (16.3 lb)