

CC-22SL Technical Documentation

PRODUCT OVERVIEW

TASCAM's most popular combination CD/Cassette recorder, the CC222SL, now supports a more robust slot loading CD transport and comes equipped with "selectable" independent outputs for CD and Cassette. The CC-222SL includes a RIAA phono input which allows direct recording from a turntable; a feature which sets the



CC-222SL above all the rest. Further solidifying this source-device's reputation for flexibility is its ability to be operated as two individual recorders; or, record one source to both recorders consecutively.

Digital I/O (coaxial and optical), RCA (unbalanced) analog I/O, Auto Track Increment, MP3 playback, Power on Play, Fade In and Out, Manual Track Increment, and a variety of playback modes are just a few of the features included on the CC-222SL that you've come to expect for TASCAM.

CD-RW Recorder

Slot loading transport

Acceptable discs: CD-R, CD-RW, CD-R-DA, CD-RW-DA

High Speed Recording Media is applicable

MP3 playback

24 bit AD/DA converter

Digital input volume control

Sampling rate converter (32kHz/ 44.1kHz / 48kHz)

Unbalanced analog I/O (RCA)

COAXIAL and Optical digital I/O (CD)

Fade in and out

Auto Track Increment (via SPDIF or Audio Level)

Erase or Un-finalize of CD-RW discs

Multiple playback modes

Cassette

± 10% Pitch Control

Return to Zero Function

Dolby B Noise Reduction

Auto Reverse

General

RIAA Phono Input for recording onto CD-R/RW discs or cassette tape

Independent Output for CD and Cassette (selectable)

Continuous Play between Cassette & CD

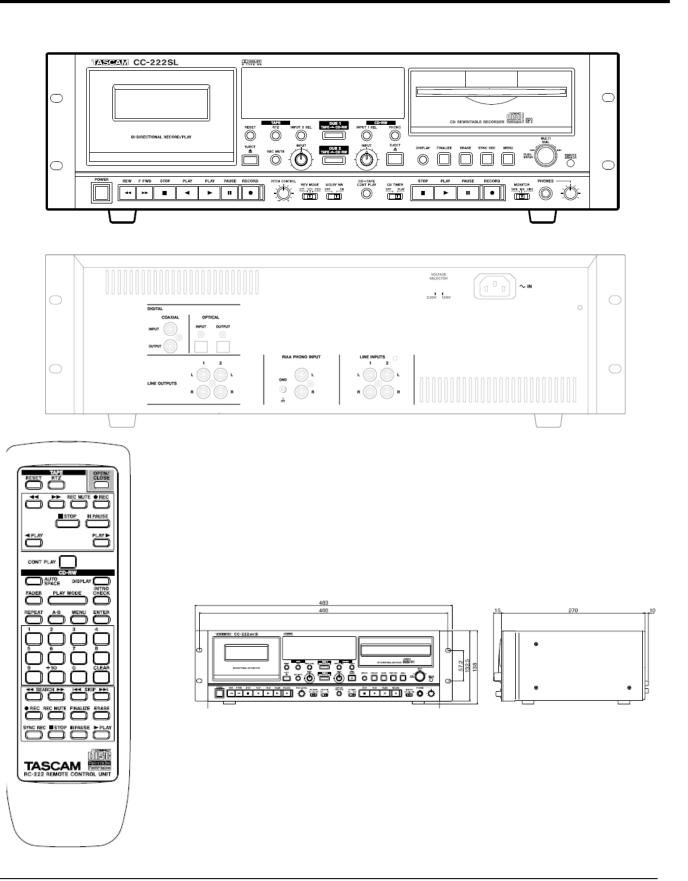
Cassette to CD-R/RW dubbing and vice versa

Headphone Output w/Level Control

RC-222 Wireless Remote Included

Dedicated analog input level controls

Power-on play



SPECIFICATIONS

Digital output

Tape speed

CD recorder section

Recordable discs CD-R, CD-R-DA, CD-RW, CD-RW-DA (High speed CD-RW is supported)

Quantization bit depth16 bit linearSampling frequency44.1 kHzFrequency response20 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 %)

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) 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 kØ ± 10 % (unbalanced) Line outputs 1 Unbalanced output RCA pin Level -10 dBV (Full Scale -16 dB)

Maximum output level $+6 \text{ dBV} \pm 2 \text{ dB}$

Output impedance 600 $\emptyset \pm 10\%$ (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 4.76 cm/s (1 7/8 ips) DC servo motor x 1

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 kØ

Line outputs 2 Unbalanced RCA Normal output level 0.46 V (-6.7 dBV)

Output impedance 1kØ

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 kØ
S/N ratio 60 dB (6.3 Ø)
PHONES (headphone output) 6 mm (1/4") stereo

Output level $10 \text{ mW} + 10 \text{ mW} \text{ (into } 32 \text{ } \text{\textcircled{0}}\text{)}$

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)

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All features, pricing, and specifications are subject to change without notice. Contact your local TASCAM representative for the latest information.