TASCAM ⏩

CD-RW901SL
Technical Documentation

PRODUCT OVERVIEW

Building upon many of the features of the CD-RW900SL; the CD-RW901SL adds RS-232, XLR balanced I/O, a wired remote, AES/EBU digital I/O, and a timed track increment (selectable from 1 to 10 minutes) for adding CD track ID markers during recording.

The CD-RW901SL has dedicated input level controls and its digital inputs are equipped with Automatic Sample Rate Conversion for compatibility with nearly any signal. Pitch Control (16% +/-) on playback is a standard feature along with Key Control, MP3 Audio Playback, and Power-on-Play. The front panel PS/2 keyboard input offers the ability to name tracks and provide the user one-key access to frequently accessed menu functions.

The latest upgrade to the CD-RW901SL added continuous recording between two CD-RW901SLs, Index Search and New Time Skip functions on skip mode, Selectable Disc Reading Speed, and MP3 Action Setting (prevents accidental termination of continuous MP3 playback) to an already impressive list of features.

Slot Loading Transport

24 bit D/A and A/D converters

Sample Rate Conversion (32KHz to 48KHz)

XLR balanced and RCA unbalanced analog I/O with dedicated input controls

AES/EBU and S/PDIF digital I/O

RS-232C serial control port and Parallel control port

Timed track increment feature can automatically add a CD track ID every 1 to 10 minutes

±16% pitch control in 0.1% steps (CD audio discs only)

MP3 Audio Playback with MP3 Action Setting

RS-232 and Parallel Control

Index Search and Time Skip function on skip mode

Continuous Recording between two CD-R901SLs

CD Text and MP3 ID3 tag display

Key Control (CD audio discs only): Change the pitch without changing the playback speed.

Digital fade in/fade out recording features

Supports CD-TEXT

PS/2 keyboard input

Auto track increment by level with trim function

Un-finalize or Erase for CD-RW

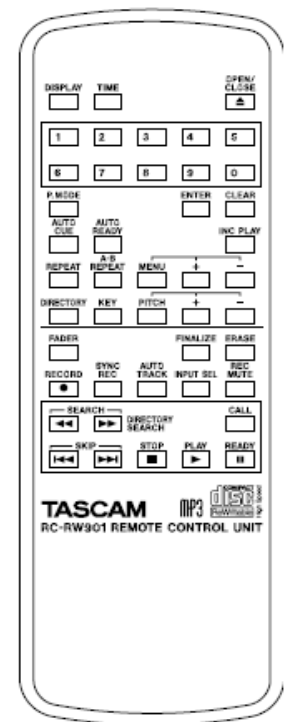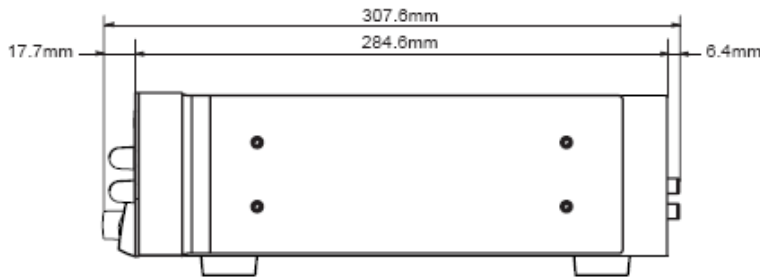All, single, program, random play and repeat play modes
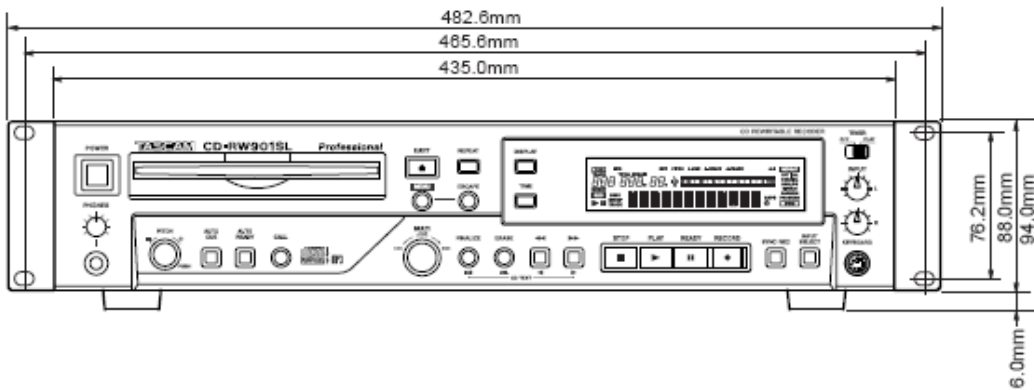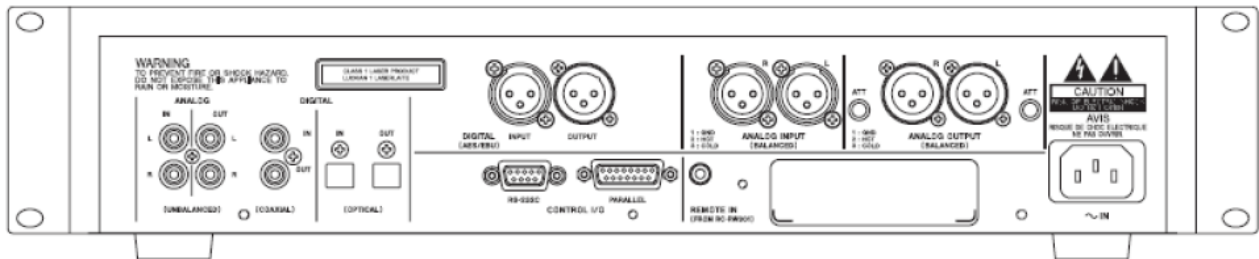
Power on play

Selectable Copy ID

Wired remote control (Included)

Index mark and index search

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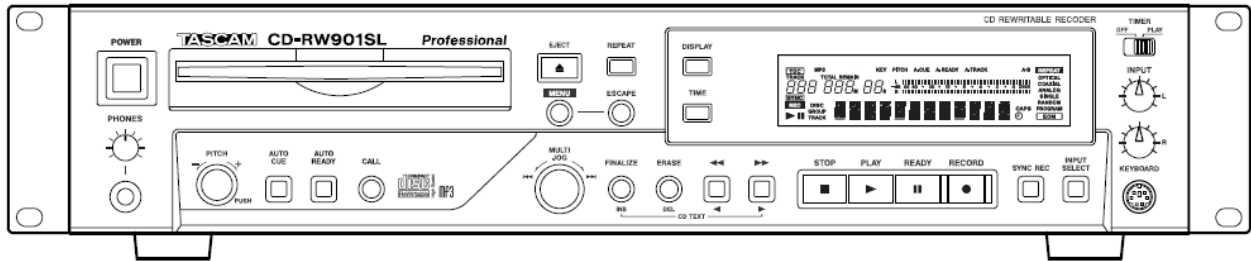
Specifications

Recordable discs	CD-R, CD-R-DA, CD-RW, CD-RW-DA (High speed CD-RW is supported)
Quantization bit depth	16 bit
Sampling frequency	44.1 kHz
Frequency response	20 Hz~20 KHz ±0.8 dB (playback) ±1.0 dB (recording)
	S/N 95 dB (playback) 90 dB (recording)
Dynamic range	95 dB (playback) 90 dB (recording)
Distortion	0.006 % (playback) 0.008 % (recording)
Channel separation	90 dB (playback) 80 dB (recording)
Wow and flutter	< 0.001 % (unmeasurable)
Analog inputs Balanced	XLR-3-31 Level +4 dBu (Full Scale -16 dB) Minimum input level -5 dBu (adjustable level at Full Scale -16 dB) Input impedance 14 KØ ±5 % (balanced)
Unbalanced RCA	pin Level-10 dBV ±2 dB (Full Scale -16 dB) Minimum input level -19 dBV (adjustable level at Full Scale -16 dB) Input impedance 22 KØ ±10% (unbalanced)
Analog outputs Balanced	XLR-3-32 Level +4 dBu (Full Scale -16 dB) Maximum output level +20 dBu ±2 dB Output impedance 75 Ø ±5 % (balanced)
Unbalanced RCA	pin Leve -10 dBV ±2 dB (Full Scale -16 dB) Maximum output level +6 dBV ±2 dB Output impedance 600 Ø ±10% (unbalanced)
Phones output	Stereo (6.3 ø) 20 mW 32 Ø
Digital input	Coaxial RCA pin jack (IEC-60958 Consumer use) Optical TOSLINK (IEC-60958 Consumer use) AES/EBU XLR-3-31 (IEC-60958 Professional use)
Digital output	Coaxial RCA pin jack (IEC-60958 Consumer use) Optical TOSLINK (IEC-60958 Consumer use) AES/EBU XLR-3-32 (IEC-60958 Professional use)
CONTROL I/O	PARALLEL D-SUB 15 pin
	RS-232C D-SUB 9 Pin REMOTE IN jack (for RC-RW901SL only)
Keyboard	Mini DIN 6 pin
Power	U.S.A./Canada 120 VAC, 60Hz
	U.K./Europe 230 VAC, 50Hz
	Australia 240 VAC, 50Hz
Power consumption	17 W (U.S.A./Canada)
	19 W (U.K./Europe/Australia)
Dimensions	(d x w x h) 308.7 x 482.6 x 94
	(mm) / 12.2 x 19.0 x 3.7 (in)
Weight	4.7 kg (10.4 lb)

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