TASCAM®
TEAC PROFESSIONAL

CD-RW901SL

Professional Audio CD Recorder

The CD-RW901SL Professional CD recorder gives studios and contractors the professional connections and features they need, like AES-EBU digital I/O, RS-232 serial control and a timed track increment for adding CD track ID markers during recording. Starting with the features of the CD-RW900SL, the CD-RW901SL adds XLR balanced analog I/O, a wired remote control, and other features professionals demand.

The balanced XLR and unbalanced RCA ins and outs have dedicated input level controls on the rear panel. Digital inputs are provided in both AES/EBU and SPDIF format, with automatic sample rate conversion for compatibility with nearly any signal. The CD-RW901SL even plays back MP3 files with ID3 titles.

A Time Track Increment feature automatically adds a CD track ID every few minutes (selectable from 1 to 10 minutes), ideal for live concert and event recording. The Key Original function changes the playback speed without affecting the pitch. The PS/2 keyboard input offers not only the ability to name tracks using CD Text, but gives the user one-key access to frequently-accessed menu and transport functions.

Using Tascam CD recorders is simple, which is why they're the first choice for any contractor and high-level consumer application.

Main Features

- **Records to pro CD-R, CD-RW and consumer CD-R and CD-RW media**
- **NEW! Selectable read speed to increase playability of low-grade or damaged media**
- **24-bit A/D and D/A converters**
- **XLR balanced analogue I/O**
- **RCA unbalanced analogue I/O**
- **Coaxial and optical digital I/O (SPDIF)**
- **AES/EBU digital I/O**
- **Automatic input sample rate converter (32 to 48 kHz, defeatable)**
- **Independant L/R analogue input level control**
- **Digital volume**
- **Sync recording function**
- **Auto track increment by level with trim function**
- **Time Track Increment: Adds a CD track ID every 1 to 10 minutes**
- **Set index marks**
- **NEW! Selectable skip mode: jump by track, by index, or in 1-minute steps**
- **Digital fade in/out from 1 to 30 sec in 1-sec steps**
- **Rec mute function to record silence**
- **Continuous, single, random, or program (up to 99 songs) play**

- **All, single, or A-B repeat play**
- **Auto Cue function**
- **Auto Ready function**
- **Call function**
- **Incremental Play function**
- **Plays MP3 files on CDs**
- **Plays MP3 files inside directories**
- **Shows MP3 tags on display (ID3)**
- **Pitch control (±16% in 0.1 to 1.0% steps)**
- **Key control (±6 semi-tones)**
- **Key original function (change tempo without changing key)**
- **Selectable copy ID**
- **Supports CD-Text**
- **Erase/un-finalize CD-RWs**
- **Keyboard connector (PS/2) for CD-Text input and transport control**
- **RS-232C serial control (9-pin D-sub)**
- **Parallel control (15-pin D-sub)**
- **Power-on play: Starts CD playback when power is applied for installed applications**
- **NEW! Continuous recording with two CD-RW901SL units**
- **Wired remote control included**
- **2U rack-mount construction**

Specifications

General

Recordable media	CD-R, CD-RW, CD-R-DA, CD-RW-DA (High speed CD-RW is supported)
Quantisation	16-bit linear
Sampling frequency	44.1 kHz
Frequency response	20 Hz to 20 kHz, ±0.8 dB (Playback)
	20 Hz to 20 kHz, ±1.0 dB (Recording)
Signal-to-noise ratio	95 dB (Playback)
	90 dB (Recording)
Dynamic range	95 dB (Playback)
	90 dB (Recording)
Total harmonic distortion	<0.006 % (Playback)
	<0.008 % (Recording)
Channel separation	>90 dB (Playback, at 1 kHz)
	>80 dB (Recording, at 1 kHz)
Wow and flutter	<0.001 % (unmeasurable)

Analogue inputs and outputs

Analogue input (unbalanced)	RCA
Nominal input level	−10 dBV (−16 dBFS)
Maximum input level	+6 dBV
Nominal impedance	22k Ω
Analogue input (balanced)	XLR
Nominal input level	+4 dBu (−16 dBFS)
Maximum input level	+20 dBu
Nominal impedance	14k Ω
Analogue output (unbalanced)	RCA
Nominal output level	−10 dBV (−16 dBFS)
Maximum output level	+6 dBV
Nominal impedance	600 Ω
Analogue output (balanced)	XLR
Nominal output level	+4 dBu (−16 dBFS)
Maximum output level	+20 dBu
Nominal impedance	75 Ω
Headphones output	6.3-mm stereo jack
Output power	20 mW + 20 mW (into 32 Ω)

Digital inputs and outputs

Digital inputs	
Sampling frequency converter	32 to 48 kHz
Coaxial	RCA, IEC60958 (SPDIF)
Optical	TOS, IEC60958 (SPDIF)
AES/EBU	XLR, IEC60958 (AES/EBU)
Digital outputs	
Coaxial	RCA, IEC60958 (SPDIF)
Optical	TOS, IEC60958 (SPDIF)
AES/EBU	XLR, IEC60958 (AES/EBU)

Other connectors

Parallel port	D-Sub, 15-pin
Serial port	D-Sub, 9-Pin (RS-232C)
Remote connector	2.5-mm MIni jack (for RC-RW901SL only)
Keyboard connector	Mini DIN, 6-pin (PS/2)

Power supply and other specifications

Voltage requirements	USA/Canada: 120 V AC, 60 Hz
	Europe: 230 V AC, 50 Hz
	Australia: 240 V AC, 50 Hz
Power consumption	Europe, Australia: 19 W
	USA/Canada: 17 W
Dimensions (W x H x D)	483 mm x 94 mm x 309 mm
Weight	4.7 kg
Supplied accessories	RC-RW901SL wired remote control

Design and specifications subject to change without notice.