



Professional

TASCAM  CD-RW900SL • CD-RW901SL Professional Audio CD Recorders

CD-RW901SL and CD-RW900SL are rugged CD Recorders with slide-in drives for high-quality audio recording on CD-R and CD-RW media in professional and semi-professional areas. Differences can be found among their features, while audio performance is virtually identical for both units.

The CD-RW900SL is a good choice for home recording, live recording and other semi-professional applications. Its broad feature set easily beats any conventional consumer CD recorder.

The CD-RW901SL, aimed at high-demand professionals, gives studios and contractors balanced analogue connections, AES-EBU digital I/O, as well as parallel and RS-232C serial ports for integration into media control systems. With two linked units, users are able to create recordings over several hours. A Time Track Increment feature automatically adds a CD track ID every few minutes (selectable from 1 to 10 minutes), ideal for event recording and sound sampling. With its Call function and additional editing capabilities for track and index marks, the CD-RW901SL is ideal for live applications in broadcast studios, theatres or any permanent installation.

Features of both models

- ▶ 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
- ▶ Input sample rate converter (32 to 48 kHz, defeatable)
- ▶ Independant L/R analogue input level control
- ▶ Digital volume
- ▶ Sync recording function
- ▶ Auto or manual track division
- ▶ Digital fade in/out from 1 to 30 sec in 1-sec steps
- ▶ Rec mute function to record silence
- ▶ Erase/un-finalize CD-RWs
- ▶ Supports CD-Text
- ▶ Computer keyboard (PS/2) can be used for CD-Text input and as a remote control
- ▶ Timer function (play when power comes on)
- ▶ Continuous, single, random, or program (up to 99 songs) play
- ▶ All, single, or A-B repeat play
- ▶ NEW! Selectable skip mode: jump by track or in 1-minute steps
- ▶ Auto Cue and Auto Ready functions
- ▶ Plays MP3 files on CDs

- ▶ Plays MP3 files inside directories
- ▶ Shows MP3 tags on Display (ID3)
- ▶ Pitch control ($\pm 16\%$ in 0.1 to 1.0% steps)
- ▶ Key control (± 6 semi-tones)
- ▶ Key original function (change tempo without changing key)
- ▶ SPDIF coaxial digital I/O
- ▶ Optical TOS digital I/O
- ▶ RCA unbalanced analogue I/O
- ▶ Remote control included (CD-RW900SL: Infra-red remote control, receiver can be deactivated, CD-RW901SL: wired remote control)
- ▶ 2-U rack-mount construction

Additional features of CD-RW901SL

- ▶ XLR balanced analogue I/O
- ▶ AES/EBU I/O
- ▶ RS-232C serial port (9-pin D-sub)
- ▶ Parallel port (15-pin D-sub)
- ▶ Call function
- ▶ Manually adjust track marks
- ▶ Time Track Increment: Adds a CD track ID every 1 to 10 minutes
- ▶ Set/search index marks
- ▶ Selectable copy ID
- ▶ NEW! Continuous recording with two CD-RW901SL units

*E/A: Eingänge/Ausgänge

CD-RW900SL · CD-RW901SL

Professional Audio CD Recorders

General	CD-RW901SL	CD-RW900SL
Recordable media	CD-R, CD-RW, CD-R-DA, CD-RW-DA High-speed CD-RW is supported	CD-R, CD-RW, CD-R-DA, CD-RW-DA High-speed CD-RW is supported
Quantisation	16-bit linear	16-bit linear
Sampling frequency	44.1 kHz	44.1 kHz
Frequency response	20 Hz to 20 kHz, ± 0.8 dB (Playback) 20 Hz to 20 kHz, ± 1.0 dB (Recording)	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)	95 dB (Playback), 90 dB (Recording)
Dynamic range	95 dB (Playback), 90 dB (Recording)	95 dB (Playback), 90 dB (Recording)
Total harmonic distortion	<0.006 % (Playback), <0.008 % (Recording)	<0.006 % (Playback), <0.008 % (Recording)
Channel separation	>90 dB (Playback, at 1 kHz), >80 dB (Recording, at 1 kHz)	>90 dB (Playback, at 1 kHz), >80 dB (Recording, at 1 kHz)
Analogue inputs and outputs	CD-RW901SL	CD-RW900SL
Analogue input, unbalanced	RCA	RCA
Input level nominal/maximum, impedance	-10 dBV (-16 dBFS) / +6 dBV, 22 kOhm	-10 dBV (-16 dBFS) / +6 dBV, 22 kOhm
Analogue output, unbalanced	RCA	RCA
Output level nominal/maximum, impedance	-10 dBV (-16 dBFS) / +6 dBV, 600 Ohm	-10 dBV (-16 dBFS) / +6 dBV, 600 Ohm
Analogue input, balanced	XLR	-
Input level nominal/maximum, impedance	+4 dBu (-16 dBFS) / +20 dBu, 14 kOhm	-
Analogue output, balanced	XLR	-
Output level nominal/maximum, impedance	+4 dBu (-16 dBFS) / +20 dBu, 75 Ohm	-
Headphones output	6.3-mm stereo jack	6.3-mm stereo jack
Nominal output power	2 x 20 mW (into 32 Ohm)	2 x 20 mW (into 32 Ohm)
Digital inputs and outputs	CD-RW901SL	CD-RW900SL
Sampling frequency converter input	32-48 kHz	32-48 kHz
Coaxial	Cinch, IEC60958 Type II (SPDIF)	Cinch, IEC60958 Type II (SPDIF)
Optical	TOS, IEC60958 Type II (SPDIF)	TOS, IEC60958 Type II (SPDIF)
AES/EBU	XLR, IEC60958 (AES/EBU)	-
Other connectors	CD-RW901SL	CD-RW900SL
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)	Mini DIN, 6-pin (PS/2)
Other specifications	CD-RW901SL	CD-RW900SL
Voltage requirements	Europe: 230 V / 50 Hz	Europe: 230 V / 50 Hz
Power consumption	17 W	16 W
Dimensions (W x H x D)	483 mm x 94 mm x 309 mm	483 mm x 94 mm x 308 mm
Weight	4.7 kg	4.5 kg
Supplied accessories	Wired remote control	Infra-red remote control



CD-RW901SL
rear panel



CD-RW900SL
rear panel

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TASCAM Division, TEAC Europe GmbH, Bahnstr. 12, 65205 Wiesbaden, Germany

TEAC UK Ltd., Unit 19 & 20, The Courtyards, Hatters Lane, Watford, Hertfordshire WD18 8TE, UK

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