

CD-RW900SL

Professional Audio CD Recorder



The CD-RW900SL is a rugged CD Recorder for high-quality audio recording on CD-R and CD-RW media. Analogue material can be recorded via RCA connectors with two independent input level controls for the left and right channels on the front panel. For digital signals, there are optical as well as coaxial SPDIF inputs and a digital volume control accessible over the menu.

Continuous audio streams can be divided into single tracks either level-controlled or manually. It is also possible to fade in or fade out songs during recording and to enter information like track titles or artist names (CD Text) over an externally connected computer keyboard.

The CD-RW900SL is also great on playback of audio and MP3 CDs. You can change pitch and/or key of your audio material, play all or single tracks, play tracks in random or programmed order or repeat a whole CD or A-B sections only.

With a broad feature set, high-quality components and rugged construction, the CD-RW900SL is ideal for home recording, studio, theatre, concert sound or permanent installation.

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
- Input sample rate converter (32 to 48 kHz, defeatable)
- Independent 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! Auto Cue function
- NEW! Selectable skip mode: jump by track or in 1-minute steps
- NEW! Auto Ready function
- 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
- Wireless remote control included
- NEW! Infra-red remote receiver can be deactivated
- 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)
Nominal impedance	22k Ω \pm 10 %
Analogue output	Unbalanced RCA
Nominal output level	-10 dBV (-16 dBFS)
Maximum output level	+6 dBV \pm 2 dB
Nominal impedance	600 Ω \pm 10 %
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 Type II (SPDIF)
Optical	TOS, IEC60958 Type II (SPDIF)
Digital outputs	
Coaxial	RCA, IEC60958 Type II (SPDIF)
Optical	TOS, IEC60958 Type II (SPDIF)

Other connectors

Keyboard connector	Mini DIN, 6-pin (PS/2)
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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	USA/Canada: 16 W Europe, Australia: 18 W
Dimensions (W x H x D)	483 mm x 94 mm x 308 mm
Weight	4.5 kg

Design and specifications subject to change without notice.

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