

### PRODUCT OVERVIEW



### INTRODUCTION

**TASCAM's CD-RW900mkII** represents decades of digital capture development that have made it the best-selling CD recorder anywhere.

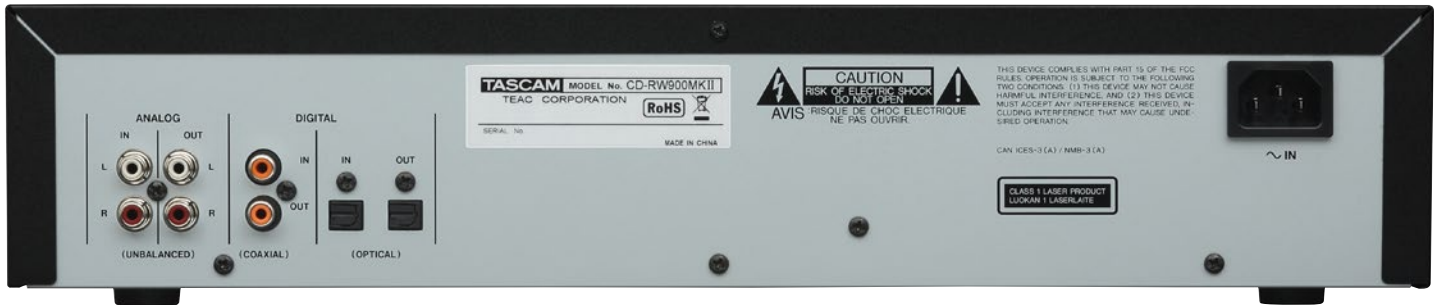
A new TEAC tray-loading transport ensures years of reliable operation in the most demanding installations. The new transport also allows gapless recording when writing track markers, something not possible using off-the-shelf PC drives. Various recording features like automatic track creation help the operator create polished recordings without constant supervision. An AKM AK4528VM is used for AD/DA conversion for clean, clear sound quality with a frequency response of 20Hz to 20kHz +/-0.8dB.

Pitch Control allows up to +/- 16% control over playback. 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 functions.

### FEATURES

- 2U rackmount design
- ±16% pitch control in 0.1% steps (CD audio discs only)
- MP3 Audio playback
- Key control (CD audio discs only)
- Dedicated analog input level controls
- Digital input level control
- Fade in/fade out recording features
- PS/2 keyboard input
- Auto track increment by level with trim function
- Sample rate converter
- Un-finalize for CD-RW
- All, single, program, random play and repeat play modes
- Power-on play
- CD Text and MP3 ID3 tag display
- Unbalanced RCA inputs and outputs
- Coax and Optical S/PDIF digital inputs and outputs
- Wireless remote control

## PANELS AND REMOTE



CD-RW900mkII rear panel



RC-RW900  
Included wired remote

## MENU STRUCTURE OF THE CD-RW901mkII

This quick reference chart lists the menu structure of the CD-RW900mkII:

Menu Option	Sub-Menu option	Function
PITCH	PLAY MODE	Playback mode setting
	PITCH	Pitch control mode on/off
	PITCH CONT	Pitch control setting
	PITCH STEP	Pitch control variable pitch
	KEY	Key control mode on/off
	KEY LEVEL	Key control level setting
	DIRECTORY	MP3 disc directory mode on/off
REC	VOLUME	Input level setting
	FADE IN	Fade-In time setting
	FADE OUT	Fade-Out time setting
	SRC	Sample rate converter on/off
	SYNC LEVEL	Operation level of sync record
	A_TRK	Auto track mode setting
	A_TRK LEVEL	Auto track operation level
TEXT	TEXT EDIT	Text setting
SYSTEM	KEYBOARD	Setting for keyboard type
	PLAY TIME	Confirming total play time
	REC TIME	Confirming total record time

## SPECIFICATIONS

### Performance Specifications

Recording Media: CD-R, CD-RW, CD-RDA, CD-RW-DA (high-speed CD-RW is supported)  
Recording Resolution: 16-bit, 44.1kHz  
Sample Rate Conversion: 32kHz – 48kHz (with bypass)  
Frequency Response: 20Hz to 20kHz  $\pm$ 1dB  
S/N Ratio: > 95dB playback, 90dB recording  
Total Harmonic Distortion: < 0.006% playback, < 0.0008% recording  
Channel Separation: > 90 dB playback, > 80dB recording  
Wow and Flutter: Below measurable limits (less than 0.001%)

### Audio Inputs/Outputs

#### *Analog Inputs*

Unbalanced RCA in  
level: -10dBu  
Minimum input level: -19dBV  
Input Impedance: 22 k-ohm +/-10%

#### *Analog outputs:*

Unbalanced RCA pin  
Level: -10dBV  
Maximum output level: +6dBV  
Output impedance: 600 ohm  $\pm$ 10%.

Phones Output: Stereo (6.3), 20 mW, 32-ohm

#### *Digital Input and Output*

Coaxial RCA, Optical (TOSLINK)

### General / Power supply

Power Requirements: 120VAC, 60Hz (USA/CANADA)  
Power Consumption: 16 W  
Dimensions: 19" W x 3 7/8 H x 12" D (482.6mm W x 99mm H x 308 mm D)  
Weight: 10.8 lbs (4.9 kg )  
Operating Temperature: 41° to 104° F (5° to 40° degrees C)