

# TASCAM

## Product Information

### CD Player/Recorder/Duplicator CD-RW402



Traditionally, CD players, CD recorders, and CD duplicators have been thought of as distinctly different products. Tascam's engineers have worked hard to create a single product that offers an uncompromising combination of all three CD products into a single, easy to use and affordable box.

The CD-RW402 uses two TEAC durable drive mechanisms with independent controls and displays for each deck making dual operation natural. Together with a complete host of audio inputs/outputs independent for each deck users will be able to playback material and simultaneously record from an external CD, DAT, MD or tape source.

Combining the player and recorder decks together allows users not only to make 1:1 copies but also to edit their

original tracks. With the A-B copy function one can define a specific region on deck 1 and copy it as a new track to deck 2. This is particularly useful for deleting gaps in the middle of or between tracks. And with the stutter scrub function setting cue points with frame-accuracy is easy.

The CD-RW402 makes it easy to capture a mix on CD-RW, edit the track, add CD-Text titles with a keyboard, dump the finished product to CD-R, and duplicate all with the same unit.

For additional information on the CD-RW402 and other Tascam products, please visit [www.tascam-europe.com](http://www.tascam-europe.com) or [www.tascam.de](http://www.tascam.de).

#### Main features

- CD Player/Recorder/Duplicator in one
- Independent controls, displays, input and outputs for easy operation
- Duplicates audio and data CD formats at 4x, 2x or 1x writing speed
- 2 locate points on deck 1 for cues or edits
- Stutter scrub capability on each deck for setting frame-accurate cues and IDs
- A-B copy function for copying a region as new track
- Read/write CD-Text information
- PS/2 keyboard connector for easy track naming
- Uses professional and consumer CD-R and CD-RW discs
- Durable TEAC computer CD drive mechanisms
- Independent balanced XLR and unbalanced RCA analog I/O
- Independent SPDIF coaxial and optical digital I/O
- Dedicated unbalanced RCA connectors for common output
- Headphone output with level control
- Pitch control ( $\pm 10\%$ ) on deck 1
- Sync record function
- Auto ready function (play one track and pause)
- Auto cue function (cue to beginning of audio in track)
- Call function (return to last cue point)
- Input monitor function
- Auto ID function with adjustable sensitivity
- Selectable digital gain and fade-in/fade-out
- Selectable SCMS copy protection
- 25-track program play memory
- Parallel control port
- Fader start function
- 24-bit A/D and D/A converters
- Wired remote control included

## Specifications

### Drive 1 (CD player)

Applicable discs	CD, CD-R, CD-RW
Quantization	16-bit
Sampling frequency	44.1kHz
Analogue output (unbalanced)	RCA
Nominal level	-10dBV (-16dBFS)
Maximum level	+6dBV
Nominal impedance	570ohm
Analogue output (balanced)	XLR
Nominal level	+4dBu (-16dBFS)
Maximum level	+20dBu
Nominal impedance	75ohm
Digital output (coaxial)	RCA
Format	IEC60958 Type II (SPDIF)
Digital output (optical)	TOS LINK
Format	IEC60958 Type II (SPDIF)
Frequency response	20Hz to 20kHz, $\pm 0.8$ dB
Signal to noise ratio	95dB
Dynamic range	95dB
T.H.D	<0.005%
Channel separation	>90dB (at 1kHz)

### Drive 2 (CD-RW recorder)

Applicable discs	CD, CD-R, CD-RW, CD-R-DA, CD-RW-DA
Recordable formats	CD-DA (with CD-TEXT), CD-ROM (ISO9660), CD EXTRA
Quantization	16 bit
Sampling frequency	44.1kHz
Analogue input (unbalanced)	RCA
Nominal level	-10dBV (-16dBFS)
Maximum level	+6dBV
Nominal impedance	23kohm
Analogue input (balanced)	XLR
Nominal level	+4dBu (-16dBFS)
Maximum level	+20dBu
Nominal impedance	12kohm
Analogue output (unbalanced)	RCA
Nominal level	-10dBV (-16dBFS)
Maximum level	+6dBV
Nominal impedance	570ohm
Analogue output (balanced)	XLR
Nominal level	+4dBu (-16dBFS)
Maximum level	+20dBu
Nominal impedance	75ohm
Digital input (coaxial)	RCA
Format	auto-detect IEC60958 Type II (SPDIF) or AES3-1992 (AES/EBU)
Digital input (optical)	TOS LINK
Format	auto-detect IEC60958 Type II (SPDIF) or AES3-1992 (AES/EBU)

Digital output (coaxial)	RCA
Format	IEC60958 Type II (SPDIF)
Digital output (optical)	TOS LINK
Format	IEC60958 Type II (SPDIF)
Frequency response	20Hz to 20kHz, $\pm 0.8$ dB (playback) 20Hz to 20kHz, $\pm 1.0$ dB (recording)
Signal to noise ratio	95dB (playback) 80dB (recording)
Dynamic range	95dB (playback) 80dB (recording)
T.H.D	<0.005% (playback) <0.008% (recording)
Channel separation	>90dB (at 1kHz, playback) >80dB (at 1kHz, recording)

#### Other inputs and outputs

Headphone output	6.3 mm stereo jack
Output power	10 mW + 10 mW at 32ohm
Parallel port	D-sub 25 pin
Keyboard connector	6-pin Mini DIN (PS/2)
Remote in	for connection with RC-RW402

#### Power supply and other specifications

Voltage requirements	120 V AC (60 Hz) / 230 V AC (50 Hz)
Power consumption	34 W
Dimensions (W x H x D)	483 mm x 138 mm x 301 mm
Weight	8.0 kg

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