

# TASCAM

## MD-CD1MKIII

Professional CD Player / MiniDisc® Recorder



The MD-CD1MKIII combines CD playback and MiniDisc recording in a single rackmount unit which saves rack space and installation budgets. Each component has its own analogue and digital outputs so that both sources can be used independently, and there is also a combined output for continuous playback over both decks.

The MD-CD1MKIII has a host of professional features, such as pitch control for CD playback, data CD playback (WAV/MP3 with ID3 tag display), a computer keyboard connector for title editing and transport control, RS-232 control and an optional analogue balanced I/O board that allow it to be specified into a wide variety of applications. CDs can be played back at up to 16 % faster or 50 % slower, and can even be played back faster without changing the pitch. Discs can be duplicated from CD to MiniDisc at up to 4x speed, and a wireless IR remote is included.

Like all of Tascam's products designed for fixed installation, the MD-CD1MKIII is a reliable player designed for years of trouble-free use.

### Related products



**SS-CDR250N:** Networkable Solid-State/CD Audio Recorder



**CD-RW901MKII:** Professional Audio CD Recorder



**HS-20:** Professional Stereo Audio Recorder

### Features at a glance

### General

- 4 x speed MiniDisc duplication
- MD-CD continuous playback
- Continuous, single, random, or program (up to 99 songs) play
- All, single, or A-B repeat play
- Auto Cue function (automatically locate to a track's audio start)
- Auto Ready function (automatically pause after locating to a track)
- Timer function: Playback starts when mains power comes up
- Headphones output with level control
- Input sample rate converter (32 to 48 kHz)
- RS-232C serial control
- Balanced input/output kit available as an option (LA-MC1)
- Wireless remote control included
- Infra-red remote receiver can be deactivated
- Compact 2U rack-mount chassis

### CD deck

- Compatible with CD-R, CD-RW, CD-R Digital Audio and CD-RW Digital Audio media
- Plays MP3/WAV files on ISO 9660 CDs

- Plays MP3/WAV files inside directories
- ID3 tag display (information on artist and title names stored inside MP3 files)
- Pitch control (change tempo and key simultaneously from +16 % to -50 %)
- Key original function (change tempo without changing key)
- Fade-in / fade-out (1-30 seconds in 1-second steps)
- Individual digital and analogue outputs
- Transport control via computer keyboard

### MD deck

- Supports Stereo, Mono, LP2 and LP4 recording and playback modes
- Individual input level controls (L/R) for analogue recording
- Auto track increment
- Time track increment (adds a track ID every 1 to 10 minutes)
- Sync recording function
- Fade-in / fade-out (1-30 seconds in 1-second steps)
- Overwrite recording
- Edit functions (divide, combine, move tracks)
- Individual digital I/O (optical and coaxial) and analogue I/O (RCA)
- Computer keyboard connector for title input and external control

## Specifications

MD deck	
Type	MiniDisc recorder
Discs	MiniDisc format
Rec modes	Stereo/Mono/LP2/LP4
Recording format	Magnetic field modulation overwrite
Recording time (when using a 74-minute disc)	74 minutes (stereo), 148 minutes (mono), 148 minutes (LP2), 296 minutes (LP4)
Sampling frequency	44.1 kHz
Compression system	ATRAC (Adaptive TRansform Acoustic Coding)

CD deck	
Type	Compact Disc player
Discs	8- or 12-cm CD, CD-R, CD-RW
File systems	ISO 9660 Level 1, 2, Romeo, Joliet
Formats	Audio CD (CD-DA), MPEG Audio Layer III (MP3), WAV
Audio CD playback	
Sampling frequency	44.1 kHz
Quantization bit rate	16 bit
WAV playback	
Sampling frequency	44.1 kHz
Quantization bit rate	16 bit
MP3 playback	
Audio modes	Stereo, Joint Stereo, Dual Channel, Mono
Sampling frequency	44.1 kHz
Bit rate	32-320 Kbit/s or VBR

<b>Audio performance</b>	
Frequency response	20 Hz to 20 kHz, $\pm 0.5$ dB (CD playback, MD playback/recording)
S/N ratio	100 dB or more (CD playback, JEITA) 98 dB or more (MD playback, JEITA) 95 dB or more (MD recording/playback, JEITA)
Dynamic range	100 dB or more (CD playback, JEITA) 98 dB or more (MD playback, JEITA) 95 dB or more (MD recording/playback, JEITA)
Total harmonic distortion	0.004 % or less (CD playback, JEITA) 0.004 % or less (MD playback, JEITA) 0.006 % or less (MD recording/playback, JEITA)
Channel separation (1 kHz)	90 dB or more (CD playback, JEITA) 90 dB or more (MD playback, JEITA) 83 dB or more (MD recording/playback, JEITA)

<b>Audio inputs (MD)</b>	
Analogue line input	RCA, unbalanced
Nominal input impedance	22 k $\Omega$
Nominal input level	-10 dBV (0.32 Vrms)
Maximum input level	+6 dBV (2.0 Vrms)
Minimum input level	22 dBV (0.08 Vrms)
Digital input (coaxial)	RCA pin jack
Format	IEC 60958-3 (SPDIF, conforming to SCMS)
Sampling frequency range	32-48 kHz
Digital input (optical)	TOS (JEITA RC-5720C)
Format	IEC 60958-3 (SPDIF, conforming to SCMS)

<b>Audio outputs</b>	
Analogue line outputs	RCA, unbalanced
Nominal output impedance	200 $\Omega$
Nominal output level	-10 dBV (0.32 Vrms)
Maximum output level	+6 dBV (2.0 Vrms)
Headphones output	6.3-mm stereo jack
Maximum output power	20 mW + 20 mW (1 kHz, 0.1 % THD, 32 $\Omega$ )
Digital output (coaxial)	RCA
Format	IEC 60958-3 (SPDIF, conforming to SCMS)
Digital output (optical)	TOS (JEITA RC-5720C)
Format	IEC 60958-3 (SPDIF, conforming to SCMS)

<b>Other inputs and outputs</b>	
RS-232C	9-pin D-Sub connector
Format	Conforming to RS-232C protocol 1.00 specifications
Keyboard connector	6-pin mini DIN connector

<b>Power supply and other specifications</b>	
Power requirements	USA/Canada: 120 V AC, 60 Hz Europe: 230 V AC, 50 Hz Australia: 240 V AC, 50 Hz
Power consumption	USA/Canada: 22 W Europe/Australia: 24 W
Dimensions (W x H x D)	483 mm x 94 mm x 308 mm
Weight	5.4 kg
Operating temperature range	5-40 $^{\circ}$ C
Maximum inclination of installation	5 $^{\circ}$

Design and specifications subject to change without notice.

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