

TASCAM

Product Information

MiniDisc recorder / reproducer MD-350



The MD-350 is an extensively equipped minidisk recorder which combines advanced MD technology and easy operation in one. This system includes recording and reproduction functions which make even the work of professionals easier. Take for example the level-controlled sync-record function, the automatic generation of track numbers (auto-track) and silence (auto-space), not to mention the auto-ready (automatic pausing at the beginning of each track) and auto-cue functions (for finding the audio beginning of the selected track). With pitch-control, the pitch can be changed by up to $\pm 12\%$ in order to be adjusted to the pitch of other audio sources. The integrated sampling monitor ensures that signals received at the digital input

are output at the analogue output and vice versa – in fact the MD-350 functions here as a D/A and A/D converter.

Tracks can be edited using a wide range of functions, the undo function allows the last step to be reversed, and tracks can also be copied in no time at all. 20-bit A/D and D/A converters and ATRAC version 4.5 together guarantee high sound quality.

With its multifarious terminals and carefully designed details, such as a digital input at the front panel and the possibility of connecting a computer keyboard, the MD-350 fits right in with any professional environment.

Main features

- 20-bit ADC and DAC and ATRAC 4.5 compression system for superior sound quality
- analog (XLR balanced and RCA unbalanced) and digital (SPDIF, optical) input/output
- Optical digital input (TOSLINK) on the front panel
- Sample rate convertor allows 48kHz and 32kHz digital signals to be transferred to 44.1kHz MiniDisc
- Sampling Monitor function
- Comprehensive on-disc editing functions: divide, erase, move, combine, undo, title, title copy and overwrite
- Title memory: 100 characters per song, 1,700 characters per disc
- Keyboard connector (PS/2) for easy titling on the front panel
- Four recording/playback modes: SP (Stereo), MONO (Mono), LP2 (double recording/playback time), LP4 (four times recording/playback time)
- Auto-track function assigns track numbers automatically during recording
- Sync-record, Auto-space, Auto-ready and Auto-cue functions
- Pitch Control ($\pm 12\%$ in SP, Mono and LP4 modes)
- Copy protection (SCMS)
- Timer for deferred recording/playback
- Program play (up to 25 tracks) or Shuffle play
- Repeat function (single track, all tracks, A-B)
- Wireless remote control RC-32

Specifications

Format	MiniDisc Digital Audio system
Recording System	Magnetic field modulation overwrite system
Recording/playback time	SP, 80 minutes max. LP2, 160 minutes max. LP4, 320 minutes max. Mono: 160 minutes max.
Sampling frequency	44.1 kHz
Compression system	ATRAC (Adaptive Transform Acoustic Coding)
Dynamic range	> 94 dB (playback, 1 kHz, A filter)
Total harmonic distortion	< 0.013%
Number of channels	2 (stereo), 1 (mono)
Frequency response	20 Hz – 20 kHz ± 0.5 dB (playback)
Signal-to-noise ratio	> 94 dB (playback, A filter)

Digital inputs and outputs

Input 1, 2 (optical)	TOSLINK (EIAJ RC-5720)
Format	IEC60958 Type II (SPDIF)
Output (optical)	TOSLINK (EIAJ RC-5720)
Format	IEC60958 Type II (SPDIF)
Keyboard connector	Mini DIN 6-pin

Analog inputs and outputs

Input, balanced	XLR
Nominal input level	+4 dBu
Input impedance	10 kohms
Input, unbalanced	RCA
Nominal input level	-10 dBV
Input impedance	50 kohms
Output, balanced	XLR
Nominal output level	+4 dBu
Output impedance	150 ohms
Output, unbalanced	RCA
Nominal output level	-10 dBV
Output impedance	600 ohms
Headphones output	0.25" stereo jack, max. 25 mW + 25 mW, (32 ohms)

General

Power supply	120 V AC, 60 Hz (U.S.A./Canada model) 230 V AC, 50 Hz (Europe/General export model) 240 V AC, 50 Hz (Australia model)
Power consumption	13 W
Dimensions (W x H x D)	482.6 x 94 x 313 mm
Weight	5.5 kg
Accessories	Remote control unit (RC-32) x 1, 2 Batteries (SUM-3, "AA", "R6" type) Lettering guide, Rack mounting screw kit

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MiniDisc recorder / reproducer MD-350 Design and specifications subject to change without notice.

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