

PRODUCT OVERVIEW

TASCAM's MD-301mkII is a cost effective MiniDisc recorder that really takes advantage of all the flexibility offered in the MiniDisc format. Track naming, rearranging the table of contents, double length in mono mode, and a full complement of audio I/O make this a natural for live a sound cue machine, and the included wireless remote and PC keyboard port make remote control a breeze.



- 2-U Rack Mountable MiniDisc Recorder
- Balanced XLR and Unbalanced RCA Analog I/O
- SPDIF Optical Digital I/O
- Additional Front Panel SPDIF Optical Input
- Headphone Output with Level Control
- Large Display for Showing Track Names
- 74 min Stereo and 144 min Mono Recording Modes
- Complete TOC Editing for Changing Track Order
- ATRAC v4.5 Encoding Scheme Offers Top Sound Quality
- PS/2 Keyboard Input for Track Naming & Remote Control
- RC-32 Wireless Remote Control Included with Numeric 10 Key for Direct Track Access

APPLICATIONS

The MiniDisc format offers a number of advantages over any other format on the market that makes the format uniquely appealing. Track names, rearranging the track order, and flexible rewritability are some of the big advantages that MiniDisc brings to the table. The MD-301mkII brings together the power and flexibility of MiniDisc in an affordable package.

Live Production - House of Worship

MiniDisc has enjoyed a great deal of popularity in the live market. Since the name of the track is displayed when you pull up a cue, you can recall sound effects or music up and see the name of the cue before you play it for the audience. This offers more confidence than "track 67". In theaters that need to change their audio cues regularly for constantly changing shows, a standard PC keyboard can plug into the keyboard port on the front panel of the MD-301mkII to help you make quick work of any size project. Plus, the keyboard can act as a wired remote.

Personal Studio - Project Studio

MiniDisc players are gaining popularity among the music community. The media is quite accessible now, with hi-fi components, personal players, and even car players now available in every major retail chain. The MiniDisc format was a digital format intended to be a recordable media from the start, so it is a natural medium for taking reference mixes into other places for listening away from the studio.

Show Control - Live Presentations

The MD-301mkII provides fast response to transport commands and infrared control offering a wonderful solution for sound bytes, music cues, and other material in a show.

Logging Devices - Routine Announcements

If a recorder is needed for logging documented events, the extended 144 minute mono mode can provide a convenient, high quality solution. In public venues that require regular announcements such as airports or theme parks, the MiniDisc can be a prime source for extended play with high reliability.

SPECIFICATIONS

Performance Specifications:

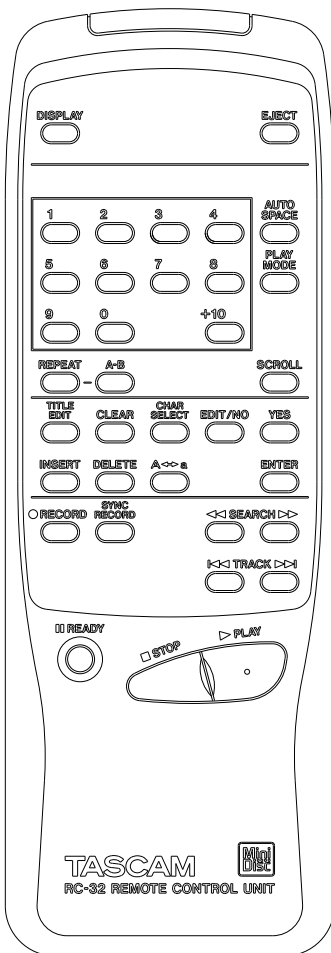
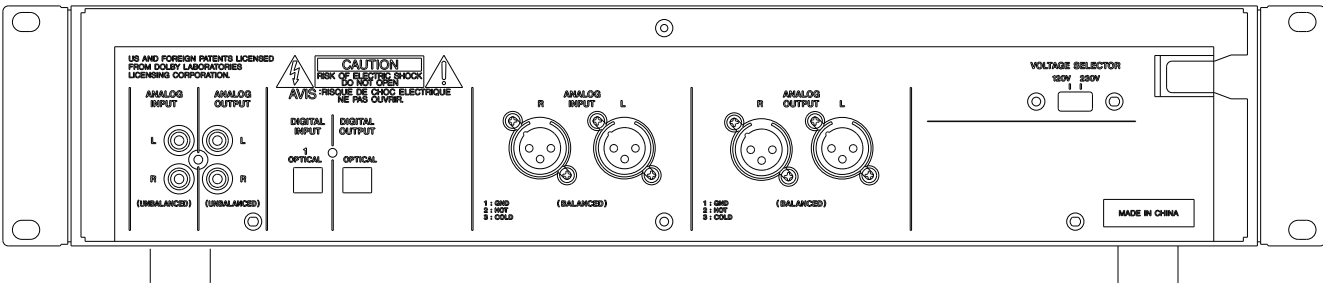
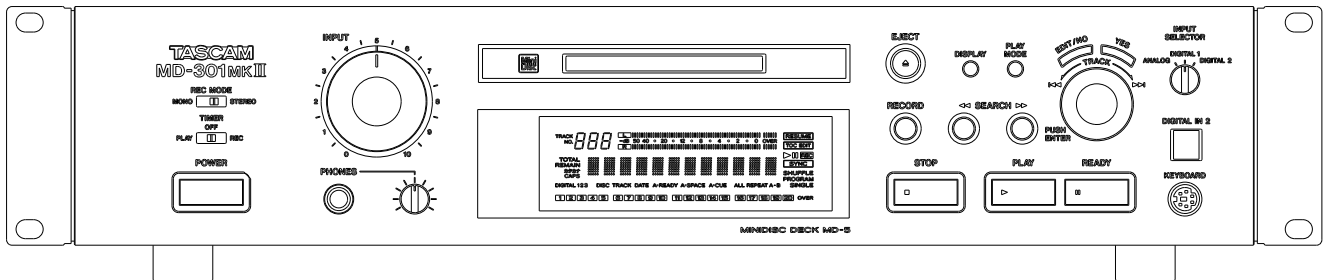
Format:	MiniDisc digital audio system
Recording System:	Magnetic field modulation overwrite
Capacity:	74 minutes stereo; 144 minutes mono
Compression System:	ATRAC v4.5 (Adaptive TRansform Acoustic Coding)
Frequency Response:	20Hz-20kHz, ± 0.5 dB (playback)
Dynamic Range:	>94dB (playback, 1kHz, A filter)
Total Harmonic Distortion:	<0.013%
Sampling Frequency:	44.1kHz
Balanced Analog Input:	XLR, +4dBu (ref), 10kOhms
Unbalanced Analog Input:	RCA, -10dBV (ref), 50kOhms
Balanced Analog Output:	XLR, +4dBu (ref), 150 Ohms
Unbalanced Analog Output:	RCA, -10dBu (ref), 600 Ohms
Digital Input and Output:	TOSLINK, IEC60958
Headphone Output:	25mW+25mW Max, 32 Ohms

General Specifications:

Power Requirements:	120V AC, 60Hz (US/Canada) 230V AC, 50Hz (Europe/General Export) 240V AC, 50Hz (Australia)
Dimensions:	483x94x313mm 19" x 3.7" x 12.3"
Weight:	5.5Kg, 12.1 lbs.
Remote Connector:	6 pin Mini DIN keyboard port
Standard Accessories:	Wireless Remote Control (RS-32) Function Key Guide (Overlays Keyboard) Rack Mounting Screws

The MD-301mkII is available at:

PANELS AND REMOTE



PS/2 KEYBOARD CONTROL

FUNCTION:		SHIFT + FUNCTION:
PREVIOUS TRACK	F1	ERASE TRACK
NEXT TRACK	F2	ERASE DISC
STOP	F4	- N/A -
PLAY	F5	MOVE
READY	F6	COMBINE
- N/A -	F7	TITLE COPY
RECORD	F8	TITLE
AUTO SPACE	F9	UNDO
REPEAT	F10	CLEAR
PLAY MODE	F11	- N/A -
DISPLAY	F12	EJECT
SCAN FORWARD	->	- N/A -
SCAN REVERSE	<-	- N/A -

EDIT FUNCTIONS:	
MOVE CURSOR	L/R ARROW
CHANGE TRACK TO BE EDITED	U/D ARROW
UPPER/LOWER CASE	CAPS KEY
ERASE CHARACTER BEFORE CURSOR	BACK SPACE
ERASE CHARACTER AT CURSOR	DELETE
INSERT CHARACTER	INSERT
END TITLE ENTRY	ESCAPE

ARCHITECT'S SPECIFICATIONS

The MiniDisc recorder shall be able to mount in a standard 19" rack mount. Dimensions shall be 19" x 3.7" x 12.3" (W x H x D), taking up two standard height rack spaces.

Metric measurements: 483x94x313mm

The MiniDisc recorder shall have balanced XLR and unbalanced RCA analog inputs and outputs. Digital audio inputs and outputs shall be available on the back panel in TOSLINK SPDIF format, and an additional TOSLINK input shall be available on the front panel. A headphone output shall be provided on the front panel with a level control.

The MiniDisc recorder shall be able to record to a standard audio MiniDisc in stereo for 74 minutes or mono for 144 minutes of record time.

The MiniDisc recorder shall be controllable from a TASCAM RC-32 wireless remote control. A

mini DIN 6-pin keyboard input shall be provided on the front panel to accept a standard PS/2 compatible keyboard. The keyboard controls shall include transport control, editing functions, and track naming.

The MiniDisc recorder shall offer editing of the table of contents data on the MiniDisc for rearranging, deleting, combining, or splitting tracks.

The MiniDisc recorder shall utilize ATRAC v4.5 compression system to ensure the best sound quality and compatibility with other MiniDisc systems.

The MiniDisc recorder shall be a TASCAM MD-301mkII.

NOTE: This text is available in a standard text file on TASCAM's Sound Contractor CD-ROM.