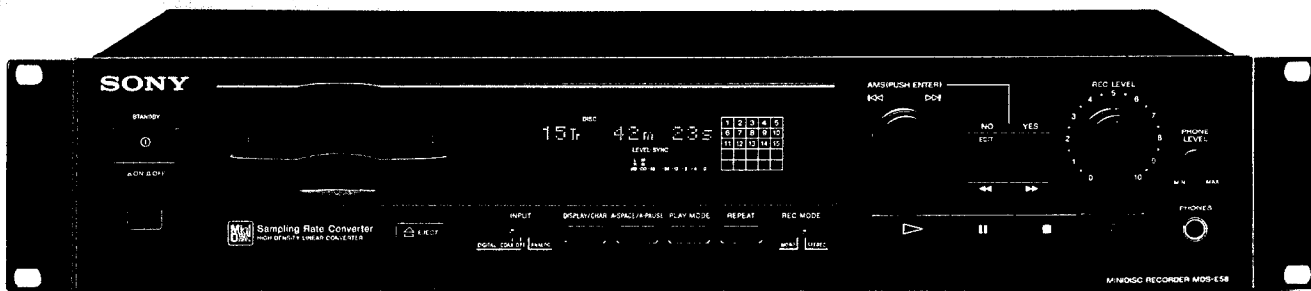


SONY®

MDS-E58 MiniDisc Recorder

The Sony MDS-E58, a low-cost, easy-to-operate MiniDisc stereo recorder suitable for budget conscious applications. It features both analog and digital inputs/outputs, and includes a wireless remote control.



Wide Bit Stream technology

Handling signals during digital processing at a resolution of 20 bits brings a dramatic improvement in the accuracy with which ultra-low level signals are processed. This brings the benefit of higher quality recordings with a wider dynamic range.

Automatic pause function

When playback of a track is complete, the MDS-E58 automatically enters Pause mode at the start of the next track. This is a useful feature for playing back narrations or sound effects one by one. In conjunction with the Program or Repeat functions, this is also useful when practicing an instrument.

Flexible input/output interfacing

Both coaxial and optical connections are provided for the IEC 958 type II digital inputs and outputs. Phono connectors are used for the analog inputs and outputs.

Precision sampling rate converter

The internal sampling rate converter automatically converts the sampling frequency of the input to 44.1 kHz, using 18-bit accurate processing. This resampling process minimizes jitter and enables any digital source to be directly transferred to MiniDisc.

MDS-E58

MiniDisc Recorder

Wired/wireless remote control option

An infrared wireless remote control unit is supplied with the MDS-E58. The optional RM-D5ME Remote Control Unit is also available to provide enhanced control flexibility. This optional unit can be used in either IR wireless mode or connected to the recorder's CONTROL S port via its 5m cable. Wired remote control is particularly suitable for use in installations with multiple recorders.

Other features

- *Up to 148 minutes of mono recording/playback time
- *Fully-featured TOC EDIT functions, including UNDO / DIVIDE / COMBINE
- *Easy-to-use versatile recording functions including CD Sync, Music Sync and Time-machine recording
- *Music Scan function for quick track location
- *SCMS is available in Digital Record Mode.

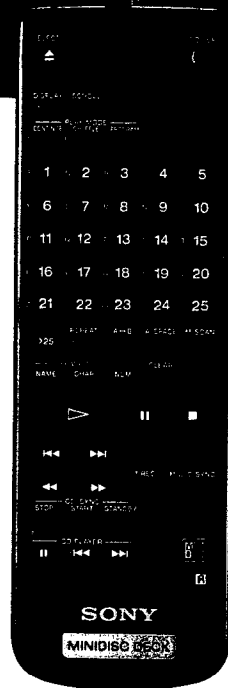


Wide Bit Stream technology provides the Sony MDS-E58 with superb sonic performance. Operational features include a large display showing channel levels, track times and titles. With both analog and digital inputs and outputs, the MDS-E58 has excellent flexibility and provides the functionality needed for band recording and instrument practice.

Front Panel



Option Remote Control Unit RM-D5ME



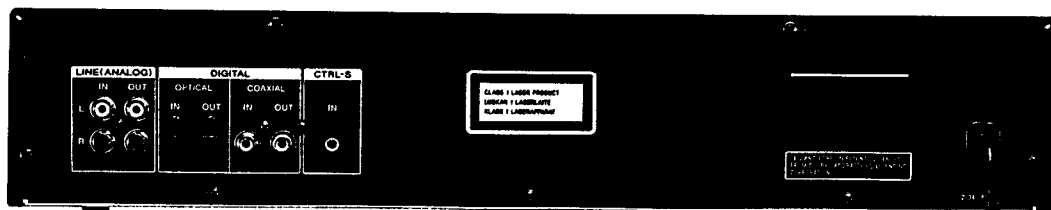
The RM-D5ME has the same control functions as the supplied RM-D7M Remote Commander. This unit is connected to the CTRL-S terminal on the MDS-E58 and supplied with a 5m length cable.

Please note while the plug of the RM-D5ME is connected to the CTRL-S terminal of MDS-E58, the infrared sensor on the front panel of the E58 is not available.

Remote

Control S : 3.5 mm jack

Rear Panel



Specifications

Inputs

	Connector type	Input impedance	Rated input	Maximum input
ANALOG LINE IN	Phono	47 k Ω	-4 dBu	+12 dBu
DIGITAL OPTICAL IN	Square optical connector	Optical wave length : 660 nm		
DIGITAL COAXIAL IN	Phono	75 Ω	0.5 Vp-p \pm 20%	

Outputs

	Connector type	Rated output	Load impedance
PHONES	Stereo phone	0-10 mW The level varies.	32 Ω
ANALOG LINE OUT	Phono	Maximum +8 dBu	More than 10 k Ω
DIGITAL OPTICAL OUT	Square optical connector	Optical power -18 dBm	Wave length : 660 nm
DIGITAL COAXIAL OUT	Phono	0.5 Vp-p (at 75 Ω)	75 Ω

MDS-1550
MiniDisc Recorder

General

System	MiniDisc Digital Audio System
Laser	semiconductor GaAlAs laser (λ = 780nm)
Laser output	less than 44.6 μ W
Rotational speed	400 to 900 rpm
Sampling frequency	44.1 kHz
Coding	Adaptive Transform Acoustic Coding (ATRAC)
Wow and flutter	below measurable limits
Frequency response	5 - 20,000 Hz \pm 0.5 dB
Dynamic range	digital, 97 dB / analog, 92 dB
S/N ratio	digital, 96 dB / analog, 92 dB
Power requirements	120 V AC, 60 Hz
Power consumption	20 W
Weight	8 lbs., 13 oz. (4.0 kg)
Dimensions	19"(W) x 3 1/2"(H) x 11 1/4"(D), (482 x 88 x 285 mm)
Remote commander	IR Remote Commander RM-D7M(1) Wired/IR Remote Commander RM-D5ME

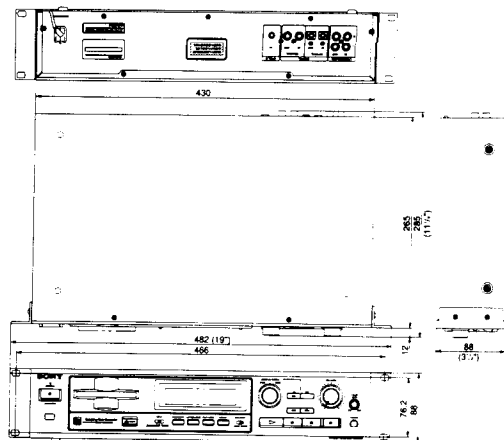
U.S. and foreign patents licensed from Dolby Laboratories Licensing Corporation.

OdBu=0.775Vrms

Mounting the unit

This unit can be attached to a standard 19 inch rack (type EIA). After detaching the four feet on the bottom of the unit, mount the unit on the rack.

Dimensions (Unit:mm)



SONY

©1999 Sony Corporation. All rights reserved.
Reproduction in whole or in part without written permission is prohibited.
Features and specifications are subject to change without notice.
All non-metric mass and measures are approximate.
Sony and Remote Commander are trademarks of Sony.