

# 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 wired 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.

### Wired/wireless remote control option

As well as the infra-red wireless remote control unit 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 5 m 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 the CD Sync, Music Sync and Time-machine recording
- \*Music Scan function for quick track location
- \*SCMS is available in

# MDS-E58

## MiniDisc Recorder

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 analogue 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 RM-D7M supplied remote commander.

This unit is connected to the CTRL-S terminal on the MDS-E58 and supplied with the cable of 5 m length.

Please note while a plug of RM-D5ME is connected to the CTRL-S terminal of MDS-E58, a infrared sensor on 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 $\Omega$	-4 dBu	+12 dBu
DIGITAL OPTICAL IN	Square optical connector	Optical wave length : 660 nm		
DIGITAL COAXIAL IN	Phono	75 $\Omega$	0.5 Vp-p $\pm$ 20%	

### Outputs

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

### General

System :	MiniDisc Digital Audio System
Laser :	semiconductor GaAIAs laser ( $\lambda$ =780nm)
Laser output :	less than 44.6 $\mu$ 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 :	120/230 V AC, 50/60 Hz
Power consumption :	20 W
Mass :	4.0 kg
Dimensions :	482(W) x 88(H) x 285(D) mm
Supplied accessory :	IR Remote Commander RM-D7M(1)
Optional accessory :	Wired/IR Remote Commander RM-D5ME

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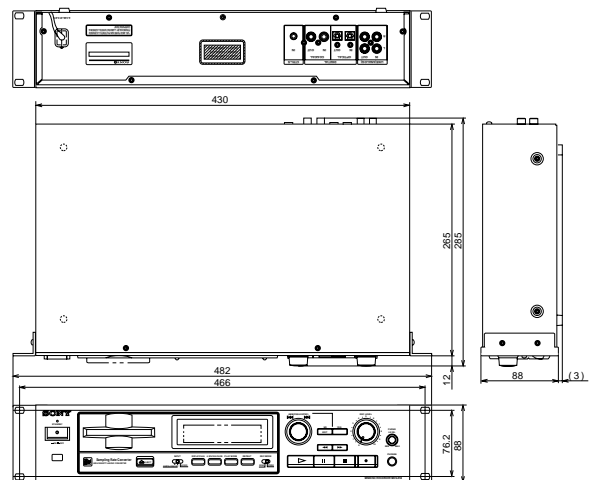
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## MDS-E58 MiniDisc Recorder

### 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)



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