

SONY

SBM-1

SUPER BIT MAPPING ADAPTOR

FEATURES AND
SPECIFICATIONS
SUBJECT TO CHANGE
WITHOUT NOTICE

- COMPATIBLE WITH SONY TCD-D8 (TCD-D7/D-3) DAT WALKMAN® PERSONAL STEREO
- BUILT-IN 20-BIT A/D CONVERTER FOR HIGH QUALITY ANALOG INPUT RECORDING
- CHOICE OF 3 SAMPLING FREQUENCIES (48KHZ/44.1KHZ/32KHZ)
- DIGITAL INPUT AND OUTPUT CAPABILITY
- 2 HOURS OPERATION WITH 4 "AA" BATTERIES
- MANUAL RECORDING LEVEL CONTROL
- LED BATTERY INDICATOR
- COMPACT AND LIGHTWEIGHT



SBM-1

FEATURES

- **SUPER BIT MAPPING ADAPTOR** is ideally compatible for use with Sony TCD-D8, TCD-D7 and TCD-D3 DAT Walkman® personal stereo as well as MiniDisc, and other digital recorders with digital input
- **BUILT-IN 20-BIT A/D CONVERTER** for high quality recording provides the most natural music reproduction possible with low noise for analog input recording
- **20-BIT QUALITY DIGITAL SOUND** can be fit into 16-bit digital sound format
- **CHOICE OF 3 SAMPLING FREQUENCIES (48kHz/44.1kHz/32kHz)** provides selection of modes for analog recording
- **DIGITAL INPUT AND OUTPUT CAPABILITY** for both optical and coaxial connections (with optional accessories)
- **2 HOURS OPERATION WITH 4 "AA" BATTERIES** is made possible by advanced design that allows extended battery life
- **MANUAL RECORD MODE** permits you to adjust the recording level of each channel for most appropriate volume levels when recording
- **LED BATTERY INDICATOR** provides visual signals of battery power

SPECIFICATIONS

SAMPLING FREQUENCY: 48kHz, 44.1kHz, 32kHz

QUANTIZATION BITS: Equivalent to 20 Bits

FREQUENCY RESPONSE: Mic: 80-22,000Hz (± 0.5 dB) @ 48kHz
80-20,000Hz (± 0.5 dB) @ 44.1kHz
80-14,500Hz (± 0.5 dB) @ 32kHz
Line In: 20-22,000Hz (± 0.5 dB) @ 48kHz
20-20,000Hz (± 0.5 dB) @ 44.1kHz
20-14,500Hz (± 0.5 dB) @ 32kHz

S/N RATIO: Mic: >60dB (TCD-D7 Line Out +8.2dBs)

>62dB (DTC-2000ES Line Out +10dBs)

LINE IN: >92dB (TCD-D7 Line Out +8.2dBs)

>94dB (DTC-2000ES Line Out +10dBs)

TOTAL HARMONIC DISTORTION: Mic: <0.15% (TCD-D7 Line Out +8.2dBs)

<0.1% (DTC-2000ES Line Out +10dBs)

Line In: <0.006% (TCD-D7 Line Out +8.2dBs)

<0.004% (DTC-2000ES Line Out +10dBs)

INPUTS/OUTPUTS: Mic In (Stereo mini jack with Plug-in Power)

Mic In (Phone jack x 2)

Line In (Pin jack x 2)

DC-In 6V (EIAJ standard polarity jack)

Stereo Headphone (Stereo mini jack)

Digital I/O (7-pin jack)

Remote (7-pin jack)

POWER REQUIREMENTS: "AA" x 4 batteries (DC6V)

AC 120V, 60Hz w/supplied AC Adaptor

BATTERY LIFE (Approx): (w/Sony alkaline batteries): REC: 2 hrs.

DIMENSIONS (WHD): 5" x 1" x 3³/₈"

(130 x 28 x 87mm)

WEIGHT: 10 oz (280g) incl batteries

SUPPLIED ACCESSORIES: Carrying Case

AC-MZ60 AC Adaptor

OPTIONAL ACCESSORIES: AC-E60AM World Wide AC Adaptor

RM-D3K System Adaptor Kit

POC-DA12, POC-DA12M, RK-DA10 Digital Cable

ECM-959A/737 Stereo Microphone

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SONY

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