

**SONY**

FEATURES AND  
SPECIFICATIONS  
SUBJECT TO CHANGE  
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# **SBM-1**

## **SUPER BIT MAPPING ADAPTOR**

- **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 ( $\pm 0.5$ dB) @ 48kHz

80-20,000Hz ( $\pm 0.5$ dB) @ 44.1kHz

80-14,500Hz ( $\pm 0.5$ dB) @ 32kHz

Line In: 20-22,000Hz ( $\pm 0.5$ dB) @ 48kHz

20-20,000Hz ( $\pm 0.5$ dB) @ 44.1kHz

20-14,500Hz ( $\pm 0.5$ 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 3<sup>3</sup>/<sub>8</sub>"

(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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Printed in USA 2/95