

EDM Digital Recorders

The **EDM** family of recorders are the smallest self-contained, battery operated FLASH memory recorders available. The various models offer a wide variety of form factors and memory size. Most units have both internal and external microphones and a remote control capability. Extremely high efficiency assures long battery life.

Mono Recorders



Model A



Model B1



Model B4



Model C

0.66 x 2.24 x 0.39 INCH	1.18 DIA X 0.55 INCH	0.99 x 1.58 x 0.30 INCH	1.10 x 2.24 x 0.47 INCH
#357 SILVER CELL	CR2450 LITHIUM	LI-ION RECHARGEABLE	CR2450 LITHIUM
10 HRS BATT LIFE	60-70 HRS BATT LIFE	7 HRS BATT LIFE	60-70 HRS BATT LIFE
128 MB	128 MB	128 MB	512 MB OR 1 GB
3.1 HRS - 18.7 HRS REC	3.1 HRS - 18.7 HRS REC	3.1 HRS - 18.7 HRS REC	12.4 HRS - 6 DAYS REC

Stereo Recorder



Model S

This is the smallest and lightest stereo recorder in the world! When used with the proprietary Daniel Technology microphones the Model S has greater voice intelligibility than any other recorder in its size and price range. Like mono recorders, settings are controlled by very simple, intuitive software.

1.18 x 2.24 x 0.31 INCH
LI-ION RECHARGEABLE
9-10 HRS BATT LIFE
128 MB
1.6 HRS - 9.3 HRS REC

Daniel Technology offers complete recorder kits with external microphones, wired and wireless remote control, various concealments, and carrying case.

EDM Technical Specifications

Model A: 17 x 57 x 10 mm; 0.67 x 2.24 x 0.39 inches (W x L x H)

Model B: 28 x 57 x 9 mm; 1.10 x 2.24 x 0.35 inches (W x L x H)

Model B1: 30 x 15 mm; 1.18 x 0.59 inches (Diameter x H)

Model B4: 25 x 40 x 7.5 mm; 0.99 x 1.58 x 0.30 inches (W x L x H)

Model C: 28 x 57 x 12 mm; 1.10 x 2.24 x 0.47 inches (W x L x H)

Model S: 30 x 57 x 8 mm; 1.18 x 2.24 x 0.31 inches (W x L x H)

Audio Bandwidth: 300 Hz to 3400 Hz

Dynamic Range: 60 dB

Input Sensitivity: 30mV

Output Signal: 3 Vp-p maximum with load of 32 ohms

Sampling Rate: 8,000 Hz

Supply Voltage: 3 VDC (1.5 VDC Model A)

Current Draw: 3.5 mA

Bits: Linear, 12; Mu-Law, 8 bit; IMA ADPCM Compression for 4, 3, and 2 bit

Recording Bit Rates: 96 kilo-bits per second for Best Quality

Memory Size: 32^k, 64^k, 128, 256^k, 512, 1024 Mb

Record Time (No Compression): 32 Mb/47 min, 64 Mb/93 min, 128 Mb/3 hr, 256Mb/6 hr, 512 Mb/12 hr, 1024 Mb/24 hr

With compression times are up to six times longer. Model S is half the times listed.

Compression Ratios: 1:1, 1:1.5, 1:3, 1:4, 1:6

Battery Standby: 1 Week for Model A, B4, S; 3 Months for Models B, B1, C

Battery Record: 10 Hours for Model A; 7 Hours Model B4; 60 - 70 Hours Models B, B1, C; 9 - 10 Hours Model S

Battery: Model A 1.5 VDC, Model B, B1, B4, C, S 3 VDC

Remote Control: Two inputs, software configurable

Computer Interface: Computer parallel port (LPT1, LPT2, or LPT3)

Headphone: Audio output is provided for a headphone

Programming: The recorders are programmed via a PC, Windows 9X, ME, 2000

Recording: Loop recording or one/single pass recording

VOX: Voice activated recording with control over input signal level and time release.

Digital Diskette: Memory partitioning to be used as a data diskette for storing files from the computer.

Operational Modes: Up to 8 configuration setups can be created, stored and recalled for operational applications.

Recalling a mode is done directly from the recorder and does not require a computer.

Password: Passwords can be enabled to prevent access to the recorder

Timer: Timers can be enabled in conjunction with other functions

FF/REW: Fast Forward and Rewind functions are user programmable

PLAY/REC: Play and Record controls are user programmable

Playback Volume: Playback volume is user programmable

File Format: When recordings are downloaded and saved, they are saved as WAV files.

Microphones: Model S Stereo recorder supplied with two external microphones. All others have internal microphones.