

SS-ASR-B8

Miniature Audio Surveillance Recorder

The **SS-ASR-B8** is a high capacity covert digital recorder with low power consumption, LCD display, voice activation, integrated timer and selectable compression option

Key Features

- 2GByte – 16GByte flash memory capacity, giving up to 4778 hours continuous recording time
- Low power consumption
- Built-in internal high-sensitivity microphone & battery holder – no external components
- Easy-to-use joystick and LCD screen for control and status.
- Optional remote control and external microphone
- 4 different recording modes: voice activation, single-pass recording, endless-loop recording, and scheduled timer mode
- Recordings saved to PC as standard *.wav files via USB. Intuitive software provided
- 16 bit A/D resolution with configurable compression & bit rate settings
- All files are time and date stamped allowing easy cataloguing
- Playback and listen to recordings through standard earpiece.

Battery life in full record mode:
up to 250 hours

Battery life in standby mode:
up to 3 months



Scenario 1

You need to record a conversation in a target's house without being detected. The very small size of the SS-ASR-B8 makes the covert deployment of the recorder easier and more effective than many competitive products

Scenario 2

A room must not be entered after the recording device is deployed. The industry-leading capacity/size ratio of the SS-ASR-B8 used in Voice Activation mode, and the low power consumption, gives a 70 hour recording capability off a single battery charge

Scenario 3

In an operational environment, you do not always have the luxury of time and comfort. The SS-ASR-B8's rugged solid-state design means rough handling is not an issue

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SS-ASR-B8

Frequency Response

100Hz – 6kHz

A/D Conversion

16-bit resolution

Sampling Rates (Selectable)

16000Hz, 8000Hz, 4000 Hz

Signal to Noise Ratio

-72dB

Microphone Sensitivity

7 – 9 Metres (typical range)

Optional external microphone with ±6dB compressor

Status Indication

3-line LCD

Control

Joystick

Power Consumption

Standby with LCD on: 0.14mA

Standby with LCD off: 0.014mA

VAS mode with audio level below threshold:
less than 0.2mA

Recording: 1.5mA – 3.6mA
(depending on settings)

Recording Capacity (Longest Play Quality Setting)

Modified 2 bit ADPCM, 4kHz sample-rate

B8-2048 (2 GByte) 597 hours

B8-4096 (4 GByte) 1194 hours

B8-8192 (8 GByte) 2389 hours

B8-16384 (16 GByte) 4778 hours

Recording Modes

Single-pass and endless-loop

Delayed start – once and repeat daily

Voice activation option

Recording Bitrate/Compression

No compression:

Sample rate 16 kHz: bit-rate = 256 Kbit/s

Sample rate 8 kHz: bit-rate = 128 Kbit/s

Sample rate 4 kHz: bit-rate = 64 Kbit/s

Logarithmic Compression (μ-Law):

Sample rate 16 kHz: bit-rate = 128 Kbit/s

Sample rate 8 kHz: bit-rate = 64 Kbit/s

Sample rate 4 kHz: bit-rate = 32 Kbit/s

Modified 4 bit ADPCM:

Sample rate 8 kHz: bit-rate = 32 Kbit/s

Sample rate 4 kHz: bit-rate = 16 Kbit/s

Modified 2 bit ADPCM:

Sample rate 8 kHz: bit-rate 16 Kbit/s

Sample rate 4 kHz: bit-rate = 8 Kbit/s

Replay

2.5mm earpiece jack socket

Battery

CR2450 Lithium coin cell (2.7V - 3.2V)

Control and Download Interface

USB: 1.1

Connector: Mini-USB (Type-B)

Dimensions

59mm x 28mm x 9mm

Weight

20g

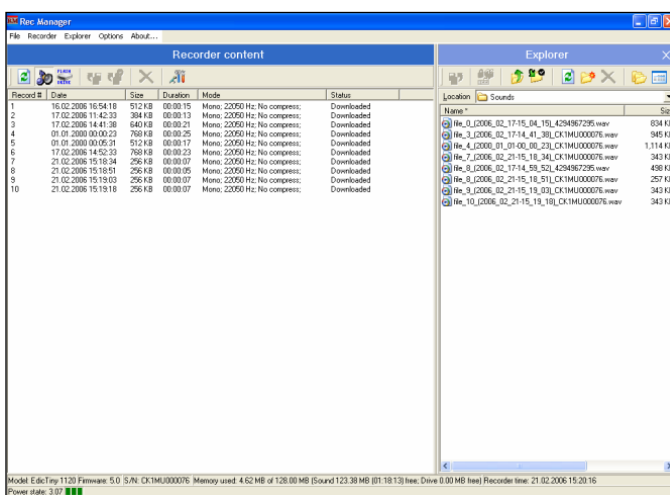
Operating Temperature

Operating Temperature: -20°C to +50°C

Minimum System Configuration

Pentium™ 500MHz processor, 256MB RAM,
20MB HDD; 800 x 600 (65536 colour) graphics,
USB Port, Windows XP Professional™

Recorder Manager Software



Remote Control & External Microphone Option

