

EDIC-mini B8

Miniature digital audio recorder



Bestseller of the series! This model is the most popular of all in LCD series - time-proved! B8 has a convenient shape and remarkable characteristics: very long recording duration and battery life + variety of accessories.

Opportunities and advantages

This recorder is characterized by high recording quality as well as low power consumption (battery life in record mode up to 250 hours), which is especially important as the recorder is supplied with built-in memory capacity up to 2400 hours. Like in all recorders of the LCD series there is an option to listen to the records via earphone. B8 has plastic case, battery power supply and easy joystick control.

Technical characteristics

- Dimensions: 59x38x9 mm;
- Weight: 20 g;
- Case: Plastic;
- Power supply: CR2450 battery;
- Battery life in record model: 250h;
- Battery life in VAS model: 2500h;
- Battery life in stand-by model: 24 months;
- Built-in flash memory: 2 Gb, 4 Gb, 8 Gb, 16Gb;
- Interface: USB 1.1
- Audio recording format : Mono;
- Frequency band: 100-6000 Hz;
- Dynamic range: -72 dB;
- Sample rate: 4, 8, 16;
- Voice Activating System: YES;
- Timer recording: YES.

Recording duration

*in the mode:
2 bit ADPCM, and sampling rate 8 kHz, 16 K bit/sec*

Modification	Recording time, hour	Memory size, Gb
300 h	300	2
600 h	600	4
1200 h	1200	8
2400 h	2400	16

Modifications

- B8-300h B8-1200h
- B8-600h B8-2400h

Last digits in the models' names show the maximum recording duration (sampling rate 8 kHz, 2 bit ADPCM) in hours.

Delivery set



Voice recorder



USB adapter



Software CD



2 batteries



Headphone



Instructions

Optional accessories

- External microphone with AGC and compressor for B8 LCD
- Programmed external microphone with AGC for LCD
- Remote control unit+ external microphone (+/- 6 dB) for B8 LCD
- Telephone adapter for LCD series

EDIC-mini LCD

Series Characteristics

LCD voice recorders are of extremely small size and weight, have a long record duration (varies depending on the modification - up to 2400 hours) and autonomy operation (up to 1000 hours), a wide dynamic range and a highly sensitive built-in microphone.

For the user's convenience while operating the recorder, there is a push-button manipulator (joystick) and a liquid-crystal display to indicate all the information needed, including built-in clock/real-time timer.

The DVR has Voice Activating System (VAS), which effectively compresses pauses in messages, therefore increasing the actual record time. Using this system saves memory during pauses, but the time intervals remain. When downloading records to PC, the pause length can be either restored (as silence) or passed, depending on the settings made.

Having traditionally small size, the models of Edic-mini LCD series feature the following:

- Three-line LCD display, joystick to control the recorder;
- LCD models have several rates of voice compression, which enable the user to make records of different quality and to compromise the record quality and duration;
- Improved dynamic range: -72 dB;
- Extended recording frequency band (100-10000 Hz), sample rates 4, 8, 16 kHz;
- Lower current consumption: half in Recording mode, 5 times lower in Standby mode and 20 times lower in VAS;
- Faster data exchange with the PC through the supplied USB adapter (USB 1.1 and USB 2.0 interfaces);
- Antialiasing program median filter available to improve recorded and played signal quality;
- Built-in real time clock;
- Timer recording;
- Information protection system.
- Built-in microphone sensitivity 7÷9 m;
- Unique digital signature of the recordings made
- Opportunity to use the recorder both for message recording and as a flash-disc to store and transfer data of any format.

Current consumption at 3V

- Record mode: 1,5 mA - 3,6 mA
- VAS mode, audio level is lower than the threshold: less than 0.2 mA
- Stand-by mode: 0,14 mA