

# EDIC-mini LCD xD

## Miniature digital audio recorder



*xD model provides recording onto a replaceable xD flash memory card. The xD model is powered by a built-in rechargeable battery with up to 90 hours of autonomy operation. A high-speed card reader (USB 2.0 interface) is included into the delivery set.*

### Opportunities and advantages

The main distinctive feature of this model is the ability to record into a replaceable xD card, which is very convenient. Cards are extremely popular when using electronic devices of various kinds. When storing the recorder's memory you may not download the whole information onto the PC; you can simply replace the card and continue recording. The device is powered by a built-in rechargeable battery, providing up to 90 hours of autonomy operation.

To make your work with the recorder easier we have included "xD card reader" into the delivery set. The device makes it possible to upload the recordings from flash cards onto the PC, as well as to exchange files of any standards between them. The reader supports USB2.0 protocol, providing the maximum of exchange speed with the PC (up to 5,5 Mb/s). The recorder is also remarkable for its solid light metallic case, which defends the device against electromagnetic interference.

The model has an LCD indicator with size 22,2x12,9 mm and joystick to control the recorder. Built-in real time clock, timers for automatic scheduled recording, information protection system are included.

### Modification

mSD with changeable xD card.  
Maximum record duration depends on the xD flash card capacity, maximum - up to 1 Gb.

### Technical characteristics

- Dimensions: 51x50x13 mm;
- Weight: 47 g;
- Case: Metal;
- Power supply: 950 mAh Li-Pol rechargeable battery;
- Battery life in record mode: 80h;
- Battery life in stand-by mode: 24 months;
- Compact flash card capacity: up to 1 Gb;
- Interface: USB 2.0
- Audio recording format : Mono;
- Frequency band: 100-7500 Hz;
- Dynamic range: -72 dB;
- Sample rate: 4, 8, 16;
- Voice Activating System: YES;
- Timer recording: YES.

### Delivery set



Voice recorder



USB cable



Software CD



Instructions



xD card-reader



1 Gb xD memory card



Headphone

### Optional accessories

- Programmed external microphone with AGC for LCD
- Telephone adapter for DVR Edic-mini LCD

# 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: 0,16 mA