

**EDIC-mini**  
**Led S 51**  
Digital Recorder

***OPERATION MANUAL***

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# Short Operating Instruction for Digital Recorder EDIC-mini Led S 51- 300h/1200h

## Overlook

Miniature digital Recorder EDIC-mini Led S 51 with the option of charging from the solar element is a professional device intended for making high quality record of voice messages into built-in flash memory. The recordings can be further uploaded onto the PC. The Recorder can be used as a flash media to store and transfer data of any standards (under "RecManager Daily" control).

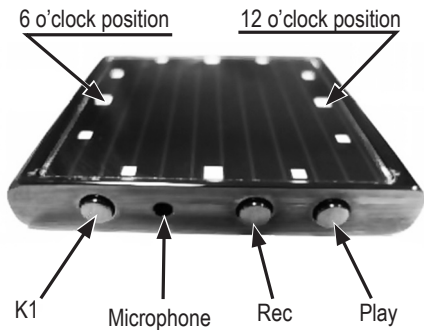
## Specifications:

- LED time display;
- VAS (Voice Activation System) to compress pauses while recording;
- Circular recording mode;
- Build-in real time clock;
- Timers to start recording at the preset time;
- Information protection system;
- Automatic Gain Control (AGC) system;
- Battery voltage monitoring;
- Playing back with headphones;
- The option to record while charging.

**Supplied Software makes it possible to:**

- Save the recorded messages on the PC as standard sound files;
- Restore compressed pauses when uploading files onto the drive;
- Set the Recorder's parameters;
- Apply password protection of the access to the Recorder's settings and information;
- Update software.

## Recorder's Appearance



## Technical Characteristics:

Last digits in the models' names specify the maximum recording duration in hours (built-in memory capacity)

Battery life in record mode (8 kHz, without compression at battery capacity 120 mAh)	up to 70 hours
Battery life in stand-by mode	up to 12 months
Battery life in record mode with VAS (audio signals below threshold)	up to 5 days for record mode: 8 kHz, and compression 2 bit ADPCM
Exchange rate	up to 1 Mb/s
Frequency band	0,1-10 kHz
Sampling rate	up to 40kHz
Signal-to-noise ratio	-80 dB
Built-in microphone sensitivity	10 m
Storage life of built-in flash memory	up to 10 years
Charging time from USB port of the PC	up to 3 hours
Power supply, battery capacity	Li-Pol, 120 mAh
Operating temperature range	0-50 °C
Dimensions (case without band)	42x32x7 mm
Weight (case without band)	no more than 20 g
Operating lifetime	5 years

**The manufacturer reserves the right to refuse in repair after the expiration of recorder operation life.**

### **PC system requirements:**

operating systems Windows XP, Windows Vista, Windows 7.

### **Recorder's Functional Testing**

**Clock.** Press the K1 button – two LEDs start flashing: red LED in hours' position and the green in minutes' position. After several seconds LEDs go off.

**Recording.** Press the Rec button twice. Yellow-and-blue LED of short duration is in the 12 o'clock position. The Recorder switches to "Rec" mode. Green-and-red or yellow (the 12 o'clock position) LED starts flashing. Green LED indicates memory consumption, the red one battery charge level. To stop recording press the "Rec" button twice.

**Playing back with Headphones.** Connect headphones to micro-USB on the Recorder's case. Press the "Play" button twice. Yellow-and-blue LED of short duration is in the 12 o'clock position. The Recorder switches to Playback Mode. To quit Playback Mode press the Play button twice or simultaneously press Play and Rec.

**Connection to the PC.** When connecting to the PC carefully observe the consistency: first connect USB-SPI to USB port, and then connect the adapter to the Recorder. The Recorder switches automatically to charging mode. Flashing LED in the position of 12 o'clock states that the charging is in progress. Further operation of the Program is executed with the help of "RecManager Daily". The description of the Recorder's software and hardware is located in the Instruction on the attached CD.

**Instructions.** The detailed instructions for the Recorder and "RecManager" program are located on Software CD in "Instructions EDIC-mini Daily S51 xx.pdf" and "Operation Manual RecManager for Daily xx.pdf", xx specifying the document's version.

**Battery Charging.** Connect the Recorder to the PC. The Recorder is in charging mode. Red LED which is flashing (position from 1 to 11 o'clock) states that charging hasn't been completed. The 1 o'clock position of the red LED indicates discharged battery, the 12 o'clock position of the yellow LED means charged battery.

**In Box:**

1. Recorder with band;
2. USB-SPI adapter;
3. Software CD;
4. Instructions;
5. Headphones.