

EDIC-mini Ray A36

Digital Recorder

OPERATION MANUAL

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Short Operating Instruction for Digital Recorder EDIC-mini Ray A36- 300h/1200h

Overlook

Miniature digital Recorder EDIC-mini Ray A36 with OLED indicator 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. 8 microphones allow the user to cut off interference from unnecessary directions and increase the sensitivity from the desired areas reducing total noise of their own microphones, which enables it to record from 15-17 meters.

Specifications:

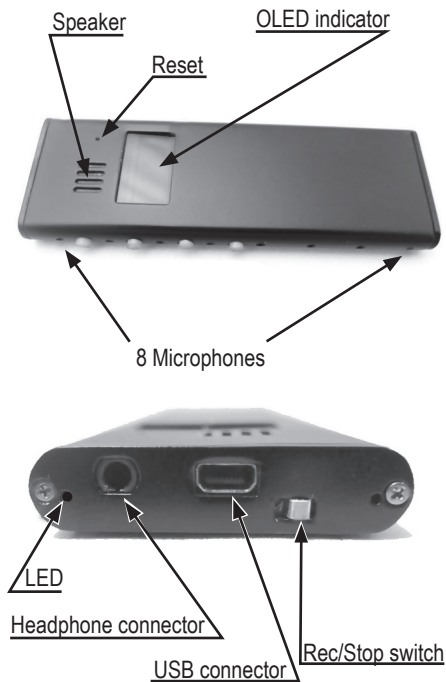
- 8 independent sound recording channels and five Record Modes: As in profile, 8-ch RAW, Stereo (2 types), High S/N;

- VAS (Voice Activation System) to compress pauses while recording (in As in profile mode);
- Circular recording mode;
- Built-in real time clock;
- 2 timers to start recording at the preset time;
- Information protection system;
- Automatic Gain Control (AGC) system (in the As in Profile mode);
- Battery level monitoring;
- The option to play records both with headphones and the Recorder's speaker;
- English self-teaching guide;
- The option to record while charging.

Supplied Software makes it possible to:

- Save the recorded messages on the PC in WAV format;
- Restore compressed pauses (while recording in VAS) when uploading files onto the drive;
- Set the Recorder's parameters;
- Apply password protection of the access to the Recorder's settings and information;
- Check record integrity.

Recorder's Appearance



Technical Characteristics:

Last digits in the models' names specify the maximum recording duration in hours (built-in memory capacity) for the Mode: 8 kHz, and compression 2 bit ADPCM.

The Recorder has 8 independent sound recording channels.

Battery life in record mode (8 kHz, without compression)	up to 240 hours
Battery life in stand-by mode	up to 3 years
Battery life in record mode with VAS (audio signal below threshold) As in profile only	up to 290 hours
Exchange rate	up to 2.25 Mb/s
Frequency band	0,1-10 kHz
Sampling rate (As in profile)	up to 40kHz
Signal-to-noise ratio	72 dB

Sensitivity of built-in microphones	15-17 m
Storage life of built-in flash memory	up to 10 years
Charging time from USB port of the PC	at least 3 hours
Power supply, battery capacity	Li-Pol, 420 mAh
Operating temperature range	0–40 °C
Dimensions	99x36x8 mm
Weight	40 g
Operating lifetime	3 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, Windows 8, Windows 10.

Operating the Recorder

Battery charging. Before starting operation charge the battery. For that connect USB adapter to Recorder and then connect Recorder with adapter to PC or other charger with output voltage of 5V.

Blinking LED indicates that charging is in process. Battery charge level is shown at the right upper corner of the display. Battery charging time - 3-5 hours.

Attention! Even if you do not use the Recorder regularly, it is required to charge the battery at least once a month. Otherwise, the Recorder may fail - this is not the warranty case.

Recording

Option 1. Press the K2 button and the Recorder switches to Record Mode and the indicator will display "Rec" and red LED will start flashing. To stop recording press K2 again.

Option 2. Shift the switch Rec-Stop to "Rec" position (round mark on the case). The recording will start. To stop recording shift the switch to "Stop" position. In the modes 8-ch RAW, Stereo, High S/N the indicator is flashing for 2-3 seconds. VAS is not provided, circular recording and timers are set within the current profile. See full operation manual.

Playing back with Headphones

Connect headphones to the corresponding connector on the Recorder's case. Press K3, then K1. The indicator reads a list of records with

numbers and record dates. Select the desired record using K2 and K3. Press K1, then select one of the following: K3 – to play the record, K2 – to delete. During playback K3 is used to rewind, K2 to fast forward, K1 to stop playback. You can also play the record through built-in speaker of the Recorder.

Connecting 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 states that the charging is in progress.

Further operation of the Recorder is executed with the help of RecManager Daily. Download it from our web-site www.ts-market.com

Go to page of A36 recorder -> Product files -> Software. After installing choose the connection type "USB 2.0 SPI Adapter" and start operation.

Instructions

The detailed instructions for the Recorder and RecManager program are located on page of A36 recorder -> Product files -> Manual to Software - "Operation Manual" and "RecManager User Manual".

In Box:

1. Recorder;
2. USB-SPI adapter;
3. Instructions;
4. Headphones.