

# EDIC-mini Tiny16 A46

## Miniature digital audio recorder

Looks like a flash card, as it has standard USB-connector. Thin metal case, recording time during 28 hours and connection to PC, avoiding USB cable usage.



## Opportunities and advantages

The new recorder is distinguished by the form of its case, which looks like a flash card, representing a thin metallic case with standard USB-connector at the end. Now you don't have to use a cable to connect the device to your PC.

This device, powered with a 100 mAh Li-Pol rechargeable battery, can record up to 28 hours, which isn't long, compared to other models, but is sufficient for the needs of amateur-users and beginners or simply if your needs don't require long-lasting recording.

## Technical characteristics

- Dimensions: 76x12x5 mm;
- Weight: 16 g;
- Case: Metal;
- Power supply: rechargeable battery;
- Battery life in record mode: 28h;
- Battery life in VAS mode: 96h;
- Battery life in stand-by mode: 2 months;
- Built-in flash memory: 2Gb, 4Gb, 8Gb;
- Interface: USB 1.1
- Audio recording format : Mono;
- Frequency band: 100-10000 Hz;
- Dynamic range: -80 dB;
- Sample rate: 5, 6.6, 8, 10, 13.3, 20;
- Voice Activating System: YES;
- Timer recording: YES.

## Modifications

- A46-300h
- A46-600h
- A46-1200h

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

## Delivery set



Voice recorder



Software CD



Instructions

## 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

# EDIC-mini Tiny16

## Series Characteristics

Voice recorders of the Edic-mini Tiny16 series are professional devices, intended for making high quality record of voice messages into the built-in flash memory. You can playback recorded messages using the headphones and save them into your PC as standard sound files.

Tiny16 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 400 hours), a wide dynamic range and a highly sensitive built-in microphone.

This series of recorders is distinguished by higher recording quality because of its 16 bit audio codec that provides more accurate signal digitizing. Built-in AGC system provides flexible adjustment of settings according to the acoustic conditions. All these characteristics including microphone's high sensitivity (operating distance of up to 10-12 m) allow get high-quality recording in challenging environment: disturbances, noise, or a long distance.

Easy-to-use and versatile software allows selectable sample rate and compression algorithms to extend recording duration with recording modes - voice activation, continuous loop, single pass & scheduled timer. Windows software controls the device configuration, file transfer and message listings, which allow you to listen to recordings through your PC. Recorders of this series use ADPCM compression method, which makes possible perfect compressing of any sounds without specific distortions.

Voice Activating System (VAS), supported by Tiny16 audio recorders, 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.

Stylish design makes the models ideal for custom surveillance installations.

## Having traditionally small size, the models of Edic-mini Tiny16 series feature the following:

- Recording time: up to 2400 hours;
- Battery life: up to 400 hours;
- Extended recording frequency band (100-10000 Hz), sampling rate: from 5 to 20 KHz;
- 4 compression modes: without compression, u-law (64 K bit/sec), ADPCM2, ADPCM4 (16K bit/sec);
- Current consumption:
  - In recording mode at 3V voltage: 2 mA,
  - In VAS mode: 200 mA,
  - In stand-by mode: 50 mA.
- Supply voltage: 1-1.5V or 2.7-3.3 V;
- Built-in microphone sensitivity 10-12 m;
- Signal/noise ratio: - 80 dB;
- Data exchange with the PC through the supplied USB adapter (USB 1.1 or 2.0 interfaces);
- Built-in real time clock;
- Timer recording;
- Information protection system;
- 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.