EDIC-mini Tiny B47
Miniature digital audio recorder

Compact digital Edic-mini Tiny B47 is able to match many special requirements operating up to 160 hours from a single charge and recording up to 1200 hours without a break. Voice Activation System provides with even longer recording time within the fixed memory volume.

Opportunities and advantages

B47 features high sensitivity microphone and wide frequency band, password protection and timer-recording function. And all this is realized in the extremely small size with the simplest control.
Pleasant cylindrical shape and metal case of the recorder are very convenient. B47 is powered by three batteries, G 13-A or zinc-air batteries that provide continuous recording for 160 hours. Such batteries can be easily purchased in any store.

Technical characteristics

- Dimensions: 50x15 mm;
- Weight: 19 g;
- Case: Metal;
- Power supply: G13-A battery or air-zinc batteries;
- Battery life in record mode: 40h from G13-A and 160h from air-zinc batteries;
- Battery life in VAS mode: 168h;
- Battery life in stand-by mode: 4,5 months;
- Built-in flash memory: 2Gb, 4Gb, 8Gb;
- Interface: USB 1.1
- Audio recording format : Mono;
- Frequency band: 100-10000 Hz;
- Dynamic range: -64 dB;
- Sample rate: 5.5, 8, 16, 22;
- Voice Activating System: YES;
- Timer recording: YES.

Modifications

B47-300h
B47-600h
B47-1200h

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 cable	Software CD	Instructions	Battery, 3 pieces

Optional accessories

- External microphone with compressor
- Programmed External Microphone with AGC

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 Tiny

Series Characteristics

Voice recorders of the Edic-mini Tiny 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.

Tiny voice recorders are of extremely small size and weight, have a long record duration (varies depending on the modification - up to 1200 hours) and autonomy operation (up to 160 hours), a wide dynamic range and a highly sensitive built-in microphone.

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 Tiny 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.

The Edic-mini Tiny series is the Guinness World Records winner.

B21 and A31 models were registered in Guinness World Records as the world's smallest professional audio recorders.

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

- Recording time: up to 1200 hours;
- Battery life: up to 160 hours (the Solar Model can work uninterruptedly in loop recording mode, if there is enough sun light);
- Extended recording frequency band (100-10000 Hz), sampling rate: from 5.5 to 22 K Hz;
- 4 compression modes:
    - without compression, u-law (64 K bit/sec), ADPCM2, ADPCM4 (16K bit/sec);
- Built-in microphone sensitivity 7-9 m;
- Signal/noise ratio: - 64 dB;
- Data exchange with the PC through the supplied USB adapter (USB 1.1 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;
- Warranty period - 1 year.