

EDIC-mini Tiny xD B68

Miniature digital audio recorder



The recorder is in convenient and light plastic case. Energy consumption has been minimized to record figures, which is reflected in the autonomy level of the device and its dimensions.

Opportunities and advantages

The Edic-mini Tiny xD B68 Recorder operates under plug-in memory card with the capacity of 2 Gb. Such a device has a number of advantages:

- There is no dependency on particular memory capacity. If the card is full, you can insert another one and continue operating with it.
- You can give the card to anyone without giving the Recorder itself. This is important if you don't convert recording to text yourself. The card can easily be hidden, put into safe-deposit box or sealed envelope. Law enforcement authorities and courts trust sealed cards more.

The recorder has the option to read data from memory cards by a special USB 2.0 Reader (up to 5.5 Mbs).

Technical characteristics

- Dimensions: 56 X 30 X 8 mm
- Weight: 9 g
- Case: Plastic
- Power supply: CR 2450 battery
- Battery life in record mode: up to 100 hours
- Battery life in stand-by mode: up to 11 months
- Built-in flash memory: 2 Gb
- Interface: USB 1.1, USB 2.0 (via reader)
- Audio recording format: Mono
- Frequency band: 100 — 10000 Hz
- Dynamic range: -80 dB
- Sample rate: 5.5, 8, 11, 16, 22
- Voice Activating System: YES
- Timer recording: YES

Modifications

B68-300h

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

Delivery set



Recorder



USB cable



Software CD



Instructions



xD Reader



xDM memory card



2 batteries

Recording duration

in the mode:

2 bit ADPCM and sampling rate 8 kHz, 16 Kbit/sec

Modification	Recording time, hour	Memory size, Gb
300 h	300	2

Optional accessories

External microphone with compressor [±/-6 dB] for Edic-mini Tiny

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.