

# EDIC-mini Tiny B21

## Miniature digital audio recorder



*The Guinness World Records winner! Small and intelligent, the model is one of our bestsellers. Best choice regarding reliability.*

### Opportunities and advantages

This model stores data in the built-in flash memory with the size from 2 Gb to 8 Gb, depending on the modification. The recorder is powered by one AG13 battery and has long battery life, recording time and low power consumption.

Like other audio Edic-mini recorders, B21 uses ADPCM compression method, which allows perfect compressing of any sounds without specific distortions.

### Technical characteristics

- Dimensions: 40x15x10 mm;
- Weight: 8 g;
- Case: Plastic;
- Power supply: battery;
- Battery life in record mode: alkaline battery - up to 10h, zinc-air battery - up to 60h;
- Battery life in VAS mode: alkaline battery - up to 40h, zinc-air battery - up to 240h;
- 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: -64 dB;
- Sample rate: 5.5, 8, 11, 16, 22;
- Voice Activating System: YES;
- Timer recording: YES;
- Current consumption: about 2 mA.

### Modifications

- B21-300h,
- B21-600h,
- B21-1200h

*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, 2 pieces

### Optional accessories

- External microphone with compressor (+/-6 dB)

### 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.