EDIC-mini Tiny16 B26

Miniature digital audio recorder

One of the most exciting products! Extra-long battery life and recording time together with outstanding audio quality. Attractive appearance - handy and stylish form.

Opportunities and advantages

B26 is a battery-powered device with metal case of prolonged cylindrical form. The model reminds a lipstick and is perfect for surveillance application; it can be used as a key-trinket.   The model features extra-long record time (up to 2400 hours at the sample rate of 8 kHz, and 2 bit ADPCM compression), one of the longest battery life of all models of the series (360 hours) and very low power consumption.

B26 has wide frequency range, wide dynamic range and a highly sensitive built-in microphone. A built-in real time clock and a calendar are provided, as well as the mode of timer recording. Due to the absence of moving parts, the recorder functions in a wide temperature range (operating temperature diapason: 0…+40°C (32…+104°F), under vibration and dusty conditions. The recorder can be connected to PC via USB port with the supplied cable.

Technical characteristics

- Dimensions: 75x20 mm;
- Weight: 20 g;
- Case: Metal;
- Power supply: battery;
- Battery life in record mode: 360h;
- Battery life in VAS mode: 1440h;
- Battery life in stand-by mode: 60 months;
- Built-in flash memory: 2Gb, 4Gb, 8Gb, 16Gb;
- 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

B26-300h   B26-1200h
B26-600h   B26-2400h

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

Delivery set

Voice recorder	USB cable	Software CD	Instructions	Battery, 1 piece

Optional accessories

- Miniature amplifying external microphone (+10 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
2400 h	2400	16

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: 1-1.5 V 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.