

EDIC-mini Tiny16 A63

Miniature digital audio recorder

Cylindrical metal case, special magnet to fix the recorder to metal surfaces, extremely small size and high sensitivity of the built-in microphone.



Opportunities and advantages

Being of extremely small size this device can record sounds at a large distance (the sensitivity of a built-in microphone up to 12 m), as well as reinforce faint sounds and deafen loud ones. Battery supply provides recording during 40 hours and 16-bit audio codec provides professional quality of recording with more accurate signal digitizing due to reduced digital noise.

A special magnet fitted at the base of cylindrical metallic case makes it possible to fix voice recorder to metal surfaces.

Technical characteristics

- Dimensions: 57x14 mm;
- Weight: 14 g;
- Case: Metal;
- Power supply: rechargeable battery;
- Battery life in record model: 40h;
- Battery life in VAS model: 480h;
- Battery life in stand-by model: 6 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

- A63-300h
- A63-600h
- A63-1200h

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

Delivery set



Voice recorder



USB cable



Software CD



Instructions

Optional accessories

- Miniature amplifying external microphone (+10 dB)
- Programmed External Microphone with AGC
- Telephone adapter RecAdapter for Tiny16

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 320 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 320 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);
- 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;
- Warranty period - 1 year.