

# EDIC-mini Tiny16 U49

Miniature digital audio recorder

*Thanks to 5 divided microphones the U49 voice recorder can record audio from certain direction at a distance of 15 m and considerably reduce background noise of the microphone.*



Perfect choice for professional recording.

## Opportunities and advantages

U49 will help you to record exactly what you need without anything irrelevant - 5 built-in microphones form operation coverage area, which bears resemblance to an oval, and provide sensitivity up to 16 m! The result - background noises reduced, recorded sound is clear.

The model consumes power from AAA rechargeable or standard batteries, built-in AGC system and password protection are provided.

Among additional features - linear and circular recording, digital signature of recordings, daily timer and once timer.

## Technical characteristics

- Dimensions: 143x13x18 mm;
- Weight: 24 g;
- Case: Metal;
- Power supply: AAA rechargeable battery or battery;
- Battery life in record mode: 220h;
- Battery life in VAS mode: 456h;
- Battery life in stand-by mode: 36 months;
- Built-in flash memory: 2Gb, 4Gb;
- Interface: USB 1.1
- Audio recording format : Mono;
- Frequency band: 100-10000 Hz;
- Dynamic range: -80 dB;
- Sample rate: 5.5, 6.6, 8, 10, 13.3, 20;
- Voice Activating System: YES;
- Timer recording: YES.

## Recording duration

Index	Recording time, hours	Memory size
300 h	300	2 Gb
600 h	600	4 Gb

Sampling rate 28 kHz, 16 K bit/sec

## Modifications

U49 - 300h

U49 - 600h

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

## Delivery set



Voice recorder



USB cable



3AAA batteries



Instructions

Cover removing device

## Optional accessories

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

# Miniature digital audio recorders

## EDIC-mini Tiny16 series

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.

Tiny voice recorders are of extremely small size and weight, have a long record duration and autonomy operation, 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 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 1200 hours;
- Battery life in record mode: up to 110 hours;
- Recording frequency band (100-10000 Hz), sampling rate: from 50 to 20 KHz;
- 4 compression modes: without compression, u-law (64 K bit/sec), ADPCM2, ADPCM4 (16K bit/sec);
- Recording mode: Mono
- 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 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.

