

# Witness

## Miniature digital audio recorder

New digital audio recorder Witness is simple & effective way to control level of service. The recorder is produced with a "badge" fixture to be attached to the clothing with a magnetic clip. There is an option to apply information about company on the front panel of the recorder.



## Opportunities and advantages

It is extremely easy to operate the recorder. At the beginning of a working day the employee fixes the recorder to the clothing (magnetic clip does not damage it), presses the button to start recording and the device records all that is going on during the day. Each entry is automatically attached to the date and time as well as to the recorder's number, so the desired event can be easily found. After the working day (or the working week) is over, the recordings can be copied for backup to the PC via USB port.

Witness audio recorder manufactured in two models that differ in dimensions, weight and availability of pockets. Dimensions and weight is specified without magnetic fixture.

## Technical characteristics

### Model 1

- Dimensions: 7x60x90 mm;
- Weight: 25g;

### Model 2

- Dimensions: 7x40x60 mm;
- Weight: 18g;
- Case: Plastic;
- Power supply: Rechargeable battery;
- Battery life in record mode: up to 40 hours
- 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
- Timer recording: Yes

## Modifications

Witness Model 1 - 300h

Witness Model 2 - 300h

Last digits in the models' names show the maximum recording duration in hours (sampling rate 20 kHz, without compression).

## Delivery set



Voice recorder



USB cable



Software CD



Instructions

## Recording duration

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

# 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.