

# EDIC-mini Tiny16+ S78

## Miniature digital audio recorder

*Unique voice recorder  
with two solar batteries*



### Opportunities and advantages

In addition to the built-in rechargeable battery, S78 has two solar batteries, allowing it to perform real-time battery charging while recording. This solution will help to avoid situations when rechargeable battery or batteries get low at the critical moment. And by placing S78 in the place to be exposed to a sufficient amount of light to operate, and setting circular record mode, you turn it into a "black box" to record everything that sounded in the room in the last 150 hours (depending on the settings specified). And that will help you restore the entire course of events.

### Technical characteristics

- Dimensions: 41×29×8 mm
- Weight: 14 g
- Case: plastic
- Power supply: Li-Pol rechargeable battery 105 mA/h, two solar batteries
- Interface: USB 2.0
- Audio recording format: mono
- Frequency band: 100-10000 Hz
- Dynamic range: 80 dB
- Sample rate: 8, 10, 13.3, 20
- Voice Activating System: yes
- Timer recording: yes

### Modifications

150HQ (4Gb)

Last digits in the models' name show the maximum recording duration in hours (sampling rate 8kHz, u-Law)

### Delivery set



Voice recorder



Software CD



USB cable



Instructions

# Edic-mini Tiny16 + series

Digital records made by the recorders of the Edic-mini Tiny16+ series are counterfeit proof owing to the custom developed system of markers.

These distinctive marks being unnoticeable for the user go through all the recording stages and help to define the integrity of the recorded voice information. These marks help to identify the recorder's model, its serial number, record start time as well as the attempt to modify it.

## 16-bit audio codec

The main difference of the Edic-mini Tiny16+ series is the application of 16-bit audio codec, which made it possible to significantly improve record quality. A new algorithm of sound digitizing made it possible to reduce digital noise. Thus noise disturbance that distort human speech sound has disappeared.

## Automatic Gain Control (AGC)

The recorders of the Edic-mini Tiny16+ series provide the option of AGC enabling it to control recording sound level. That makes it possible to perfectly record very loud sounds and amplify silent ones. This adjustment can be performed either manually (using the corresponding settings in the software) or automatically. There are 5 types of AGC for recording:

- to record in silent area;
- to record in noisy area;
- to record from long distances;
- to record in large noisy areas;
- to record in busy street.

## Having traditionally small size, the models of Edic-mini Tiny16+ series feature the following:

- recording time up to 150 hours (for 150HQ models);
- low power consumption;
- checking records' integrity;
- password protection of records;
- 16-bit audio codec;
- acoustic sensitivity up to 15 meters;
- built-in AGC system;
- Voice Activation System (VAS) ;
- daily and once timers ;
- models with solar cells available.

