

# Edic-mini Tiny E60

Miniature audio recording module (mounted in a case)



## Opportunities and advantages

New modifications! This model has been modernized and now has a case, which significantly widens the application sphere of the device. You are free to choose if you wish to use the model as an audio recorder or as an audio recording module without a case - if needed, simply extract the module from the case and mount it wherever needed.

All modules are based on hardware of audio recorders Edic-mini Tiny series. They are intended for recording high quality mono audio signal onto the built-in flash memory. Recording time depends on the memory capacity. The module itself was designed in such a way that it can be implemented into various devices for them to function as voice recorders.

The model uses external power source, but has very low power consumption that provides very long battery life for any autonomous power source. The delivery set contains a cable for connecting an external power source.

The module has built-in USB controller and is connected to PC via USB cable. Hardware and software parameters of the module are absolutely the same as for Edic-mini Tiny audio recorders.

Audio records are saved in WAV format. Supplied software provides the possibility to change the recording settings and use the module as a flash drive.

The module itself without a case has miniature size and can be mounted to various kinds of devices according to the needs of the customers.

## Technical characteristics

- Dimensions: 45x31x10 mm;
- Weight: 20 g;
- Case: Plastic;
- Power supply: may differ;
- Battery life in record mode: depends on the power source;
- Built-in flash memory: 2Gb, 4Gb, 8Gb;
- Interface: USB 1.1;
- Audio recording format : Mono;
- Frequency band: 100-10000 Hz;
- Dynamic range: -64 dB;
- Sample rate: 5.5, 8, 11, 16, 22;
- Voice Activating System: YES;
- Timer recording: YES.

## Recording time depending on the modification

Index	Recording time	Built-in flash memory size
17920 (300h)	17920 min	2 Gb
35840 (600h)	35840 min	4 Gb
71680 (1200h)	71680 min	8 Gb

sample rate 8 kHz, 2-bit ADPCM

## Modifications

- Edic-mini Tiny E60 - 300h
- Edic-mini Tiny E60 - 600h
- Edic-mini Tiny E60 - 1200h

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

## Delivery set



Module



USB cable



Software CD



Instructions



Cable for connecting  
an external power source

## Optional accessories

- External microphone with compressor (+/- 6 dB) for EMM Tiny Stereo.

## Current consumption

- In recording mode at 3V voltage: 2 mA,
- In VAS mode: 200 microA,
- In stand-by mode: 50 microA.

Supply voltage: 1-1.5 V or 2.7-3.3 V.

## More Characteristics

- Recording from external audio source;
- Simple control by the only switch;
- Built-in microphone sensitivity: 7-9 meters;
- Mode indication via built-in or external LED;
- Delayed start: one-time and repeated;
- All the EMM Tiny models have built-in USB controller and are connected to PC via USB cable;
- Data transfer rate between recorder and PC via USB connection – up to 5.5 Mb/s;
- Software correction of nonlinear distortions, caused by loud sound;
- The module uses external power source, but has very low power consumption that provides very long battery life for any autonomous power source;
- Opportunity to update user firmware.

## Application

The module without a case has miniature size and is designed in such a way, that it can be implemented into various devices for them to function as voice recorders. The application of such a device is broad. Our modules are widely used for various recording devices of different design according to the needs of the customers.

## Other products of this series

### Edic-mini Tiny ST E61

Miniature audio recording module (mounted in a case)

#### Modifications

Edic-mini Tiny S3 E61-19h



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

#### Recording time

depending on the modification

Index	Recording time	Built-in flash memory size
1120 (19h)	1120 min	128 Mb

### Edic-mini Tiny ST E59

Miniature audio recording module (mounted in a case)

#### Modifications

EMM Tiny S3 E59 - 2400h  
EMM Tiny S3 E59 - 3600h



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

#### Recording time

depending on the modification

Index	Recording time	Built-in flash memory size
143360 (2400h)	143360 min	16 Gb
216000 (3600h)	216000 min	24 Gb

All modules of are based on hardware of audio recorder Edic-mini Tiny and have similar technical characteristics.

**Attention!** Please contact us before placing orders for this product.