SPEKTRA EUROPE

USER MANUAL DIGITAL AUDIO RECORDER
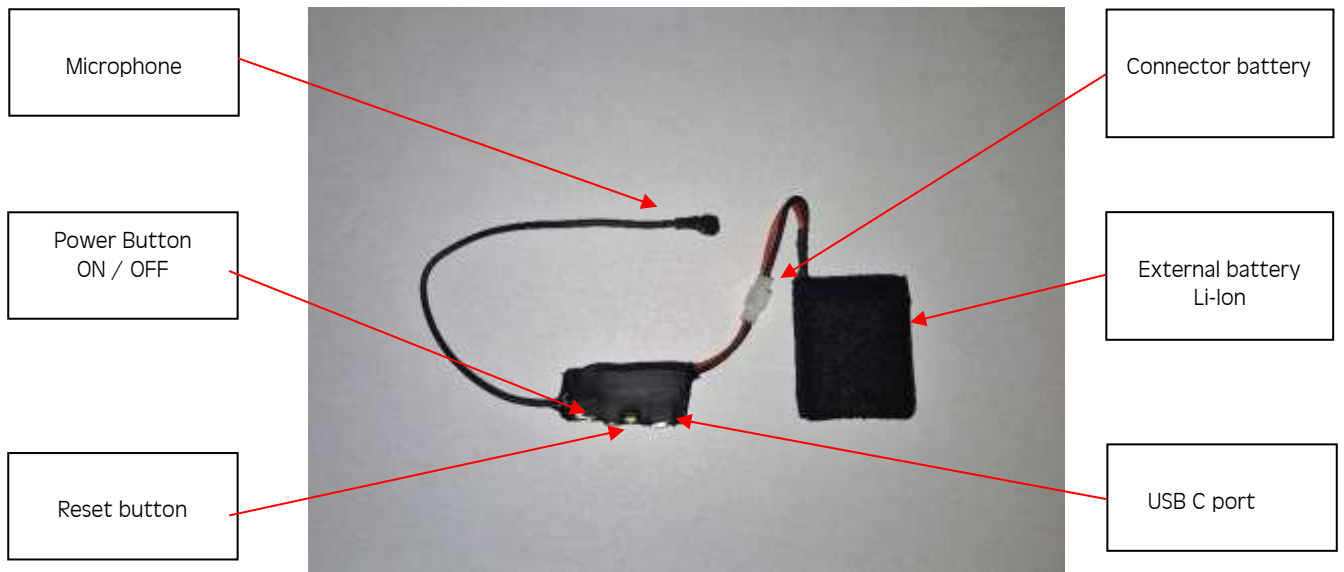## - SPK-REC -
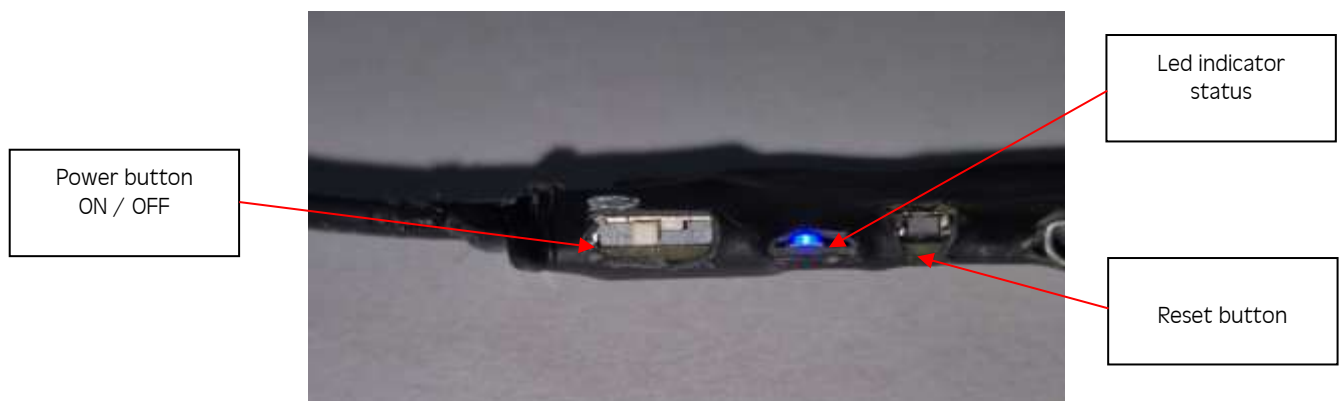

Date: February 2025
Version: 2.1 – Preliminary

- **QUICK GUIDE HARDWARE:**

Below the description hardware of the device:

Microphone		Connector battery
Power Button ON / OFF		External battery Li-Ion
Reset button		USB C port

| Power button ON / OFF | | Led indicator status |
| | | Reset button |

QUICK GUIDE HARWARE AND SOFTWARE:

First of all, connect the Li-Ion external battery to the unit SPK-REC audio recorder.
It's always recommended to recharge the external battery of the unit with inside the battery first of use the SPK-REC.

Check that the device is turned off, i.e. that it has the slide switch moved towards the USB C port. The power on, and the subsequent activation of the device recorder, obviously takes place by moving the slide switch towards the microphone cable.

During the on and off operations it is also useful to observe the micro-led on the board which will perform the following flashes:
ON = Switch on and start recording ----> Red led on fix for 3 seconds and after ten flashes of the blue led
OFF= Saving recordings and shutting down ----> Blue led flash once.

No type of flashing of the led will be started during the recordings.

At this point connect the SPK REC recorder to the PC via the supplied USB C cable.

Select the unit disk created and open the text file configuration named: RECSET.TXT
The device setting configurations will be present in the file, as indicated below:

TIME=20240812165000
VOR=1 (Voice Activation setting ON=1; OFF=0)
LED=0 (Led On after 10 Sec=1; Led Off after 10 Sec=0)
SEG=30 (Recording file Segment Time=1-999, Example 60 Min)

Below the details of the single parameters:
- TIME=20240812165000 - setting of the correct date / hour on the unit. The data value is "yyyymmdd" set, the time value is "hhmmss".

- VOR:1 - setting of the VOR mode, necessary to activate the device. With value "1" the VOR is activated, with value "0" the VOR mode Is disabled.

- LED=0 - setting of the flash led. With value "1" the led flash on the power-on for about 10 seconds, with the value "0" the led is always off.

- SEG=30 - setting of the length of the created files automatically. The value is between "1" and "999" minutes

- GENERAL INFO:

All the files created are storage in folder "RECORD" and will be MP3 type audio files, with date and time details.
Example of created file: 2024-11-26_11-31-05.MP3
It will correspond to a file created with the date and time as follows: 26/11/2024 at 11:31:05

It's recommended use VLC player to listen the file audio correctly.
Below the link to download VLC player:
https://www.videolan.org/vlc/download-windows.it.html

The memory mounted on board the recorder has a size of 64Gb, which guarantees over 30 days of recordings with an audio/quality stream at 128kbps and with a sample freq. 32kHz.

The dimensions of the unit are: 40*16*3 mm.
The length of the microphone and the battery cable can be customized (before placing the order)

The device is available with different batteries with different capacities (default is 1100mAh) which can guarantee operating autonomy from a few days up to even a month of work.

The device consumption is about 8-10mAh.