



## ***Congratulations with your new AudioAlarm***

On the supplied SD Card you can download the MP3 audio file that suits your application. It can be a short message, an alarm sound, or a piece of music.

We would normally recommend that the audio file is not recorded too high as it

may cause distortion, and that the audio sequence is of no longer duration than max 10 seconds.

The Audio Alarm can be mounted on the wall with the included Velcro tapes.

## **Product Features**

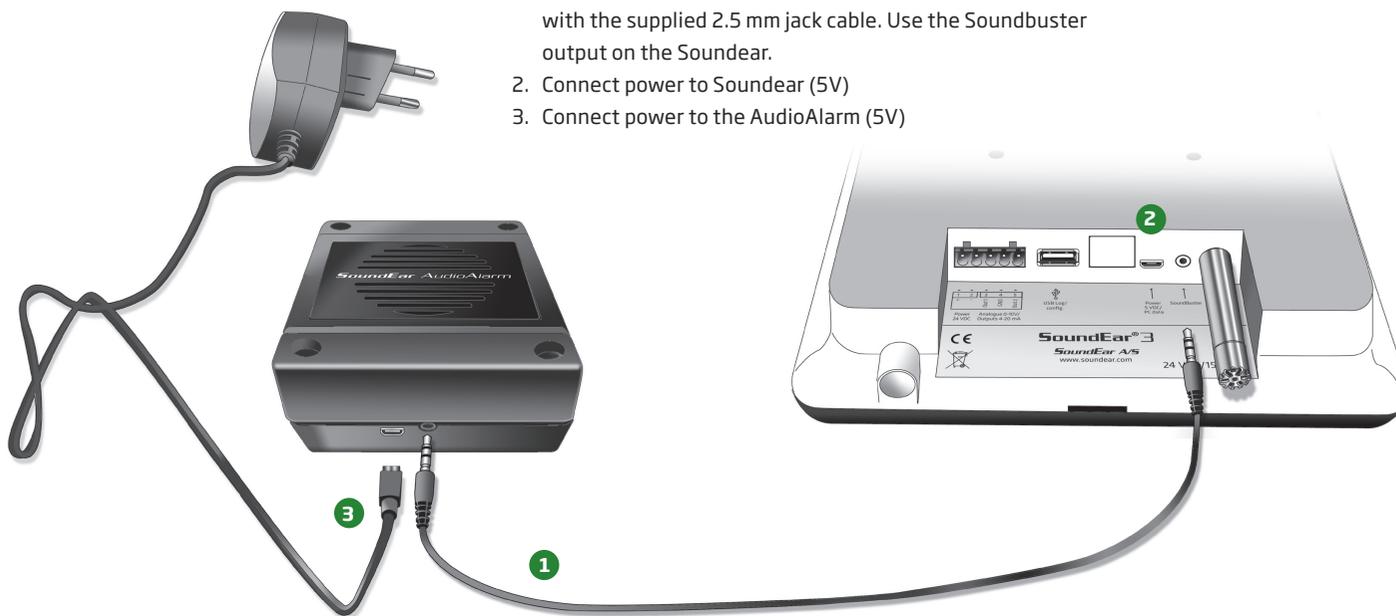
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- Supports MP3 and WAV decoding.
- Supports FAT16 and FAT32 file system.
- 24-bit DAC output and supports dynamic range 90dB and SNR 85dB.
- Supports AD key control mode and UART RS232 serial control mode.
- Supports maximum 32GB micro SD card and 32GB USB flash drive.
- Supports advertisement insertion.
- Supports random playback.
- Built-in a 3 watts amplifier that can direct drive a 4ohms/8ohms 3 watts speaker.
- 30 levels adjustable volume, and 6 levels adjustable EQ.



## Power and Connection

1. Connect the Soundear AudioAlarm to the Soundear with the supplied 2.5 mm jack cable. Use the Soundbuster output on the Soundear.
2. Connect power to Soundear (5V)
3. Connect power to the AudioAlarm (5V)



## Volume, Number changes, Light emitting diode

### Volume:

SW1: turns up the volume  
SW2: turns down the volume

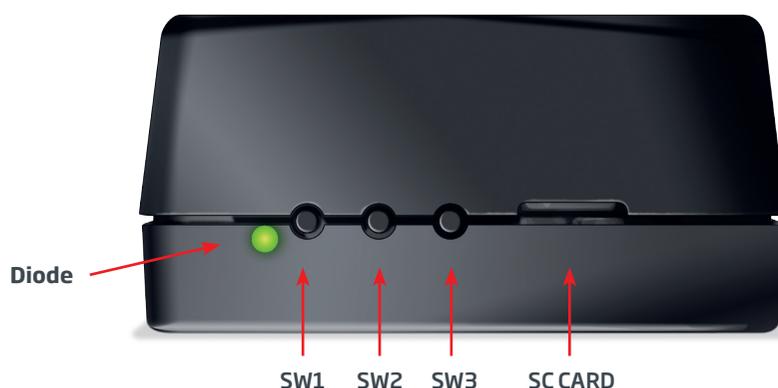
### Number changes:

SW3+SW1 (hold SW3 down):  
changes number upwards.

SW3+SW2 (hold SW3 down):  
changes number down.

### Light emitting diode:

- Green flashes = no danger
- Red flashes = Alarm
- Blue flashes = change of volume
- Short red flashes = change of number



## SoundEar AudioAlarm - Specifications

Audio Format:	MP3	Working Voltage:	DC3.3~5.0V; Typical:DC4.2V
Supports:	11172-3 and ISO13813-3 layer 3 audio decoding	Rated Current:	<15mA(without USB flash drive)
Supports sampling rate:	(KHZ):8/11.025/12/16/22.05/24/32/44.1/48	Operating Temperature:	-40~+80°C
UART Port:	Standard serial port and 3.3V TTL level	Humidity:	5%~95%
		Measurement:	8,45 cm x 7,94 cm x 3,82 cm