

## Introduction

Thank you for purchasing our speaker system compatible with personal computers with built-in sound card, audio players, mobile phones and other audio devices. No doubt that this device will give you new feelings listening to your favourite music anywhere. Please read this manual carefully before using the product to be pleased with the device.

## Technical specifications

- **Speaker system type:** active 1.0
- **Full wattage:** 5 W RMS
- **Signal/noise ratio:** ≥80 dB
- **Frequency response:** 90 Hz - 20kHz
- **Impedance:** 4 Ohm
- **Driver:** 2" full-range
- **Controls:** volume, mode selection, playback control and FM-tuner
- **Subwoofer dimensions:** 58x58x58 mm
- **Audio input type:** 3.5 mm mini-jack audio input (AUX input )
- **Housing Material:** rubberized plastic
- **Type of built-in battery:** Li-Polymer battery with capacity 300 mAh
- **Type of supported memory cards:** microSD, up to 32Gb, file system FAT 16/32, speed rate at least 2
- **Frequency range of built-in FM-tuner:** 87.8 — 105 Hz
- **Duration from one battery:** 4 hours
- **Additional audio outputs:** 3.5 mm headphones mini-jack audio input

## Functions of the Device:

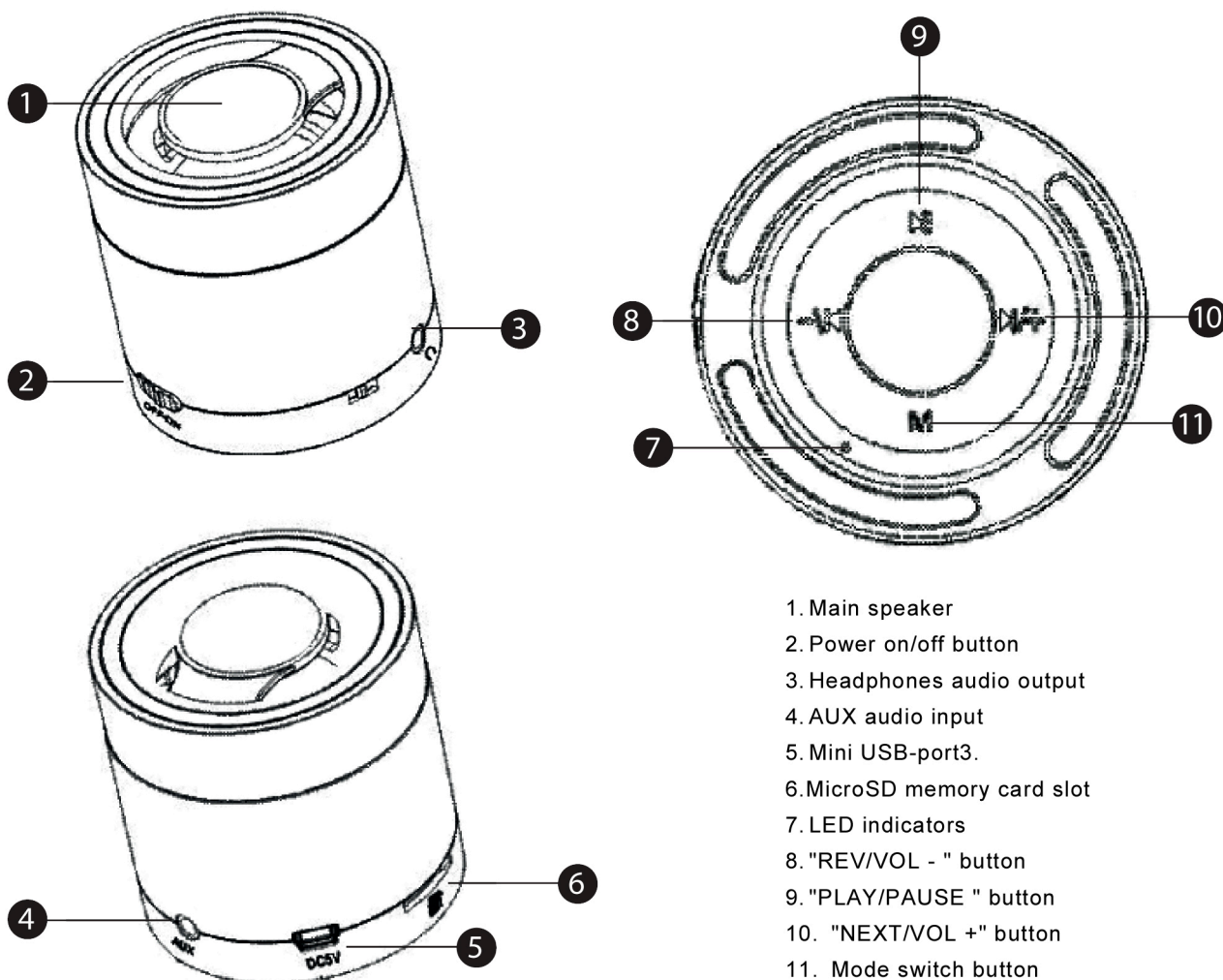
1. **Connection via AUX-input.**  
Using 3.5 mm mini-jack - 3.5 mm mini-jack cable connect the device to audio output of any device, for example, mobile phone, computer or MP3-player. In this case Atom MonoDrive starts playing the sound from your audio device.
2. **Built-in MP3-player and MicroSD plug.**  
The device is equipped with the plug for MicroSD memory card reading as well as MP3-decoder. The device supports MP3/WMA formats.
3. **Built-in FM-tuner.**  
Powering on FM mode, you can listen to radio stations. Use headphones as an antenna.
4. **Headphones output.**  
The device has additional standard headphones audio output. The headphones can also be used as an antenna in FM mode.
5. **Memory of the last track upon powering off.**  
Upon powering off the device will memorize what track you listen to and upon powering on it will start playing from the same point (while playing MP3 or WMA formats).
6. **Charge.**  
The device is equipped by built-in Li-Polymer battery. While working from the battery blue LED is on. You can charge the device from 5V USB port from your PC (charging cable is in the package contents). Full charging is approximately three hours. While charging red LED is on.

## Device control:

1. **Upon powering on, the device will play audio files** on the MicroSD card, if it is inserted. If no card inserted the default mode is AUX. If the device is not connected to the sound source via AUX audio input, FM mode will be on.
2. **To power on the device** put the switch to the left. To power off the device put the switch to the right.
3. **To switch the playback mode,** use the M button (mode selection).
4. **Operation in MP3-player mode.** To pause the playback, press the "PLAY" button. Press the "PLAY" button again to continue the playback. To shift between tracks, press the "REV/VOL -" and "NEXT/VOL +" buttons.
5. **Operation with FM-tuner.** To start quick scanning of radio range, press "PLAY". The device will automatically save found stations in the device memory. To shift among the found FM stations, use the "REV/VOL -" and "NEXT/VOL +" buttons.
6. **To control the volume level,** press and hold the "REV/VOL -" and "NEXT/VOL +" buttons for three seconds.

# DEFENDER Atom Monodrive

## Operation Manual



### Attention!

When receiving the product check its integrity and absence of any free-moving subjects. Do not expose the device to mechanic loads that can lead to mechanic damages of the device. If any mechanical damages there is no warranty to the product. Protect the product from humidity, moisture, liquids, vibration, exposure to high temperature and mechanical loading. Store and use the device in a dry room at 20-90% humidity level, avoid moisture condensation. The standard temperature of storage and use of the product is +5 ... +40 ° C without condensation. If the device was shipped at negative temperatures, allow 3 hours for the device to warm indoors at +16-25°C before using it. Please, do not connect audio cable from output of another functioning signal amplifier (over 1W, 0.5 W) to audio in of this system. Please, adjust volume level accordingly in order not to damage your hearing and the system, avoid wheezing sound (sound with a high level of harmonic distortion). Do not open the device. Refer all servicing to qualified service personnel. Opening the device generates risk of electric shock. If any questions on maintenance or replacing any defective product refer to the company-seller or to the DEFENDER authorized center. Please, switch off the system when unused for long periods of time.

The manufacturer reserves the right to make any technical changes to the product.