
MindWave Mobile 2 Transition Doc

May 4, 2018



The NeuroSky® product families consist of hardware and software components for simple integration of this biosensor technology into consumer and industrial end-applications. All products are designed and manufactured to meet consumer thresholds for quality, pricing, and feature sets. NeuroSky sets itself apart by providing building block component solutions that offer friendly synergies with related and complementary technological solutions.

NO WARRANTIES: THE NEUROSKY PRODUCT FAMILIES AND RELATED DOCUMENTATION IS PROVIDED "AS IS" WITHOUT ANY EXPRESS OR IMPLIED WARRANTY OF ANY KIND INCLUDING WARRANTIES OF MERCHANTABILITY, NONINFRINGEMENT OF INTELLECTUAL PROPERTY, INCLUDING PATENTS, COPYRIGHTS OR OTHERWISE, OR FITNESS FOR ANY PARTICULAR PURPOSE. IN NO EVENT SHALL NEUROSKY OR ITS SUPPLIERS BE LIABLE FOR ANY DAMAGES WHATSOEVER (INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF PROFITS, BUSINESS INTERRUPTION, COST OF REPLACEMENT GOODS OR LOSS OF OR DAMAGE TO INFORMATION) ARISING OUT OF THE USE OF OR INABILITY TO USE THE NEUROSKY PRODUCTS OR DOCUMENTATION PROVIDED, EVEN IF NEUROSKY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. , SOME OF THE ABOVE LIMITATIONS MAY NOT APPLY TO YOU BECAUSE SOME JURISDICTIONS PROHIBIT THE EXCLUSION OR LIMITATION OF LIABILITY FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES.

USAGE OF THE NEUROSKY PRODUCTS IS SUBJECT TO AN END-USER LICENSE AGREEMENT.

“Made for iPod,” “Made for iPhone,” and “Made for iPad” mean that an electronic accessory has been designed to connect specifically to iPod, iPhone, or iPad, respectively, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Please note that the use of this accessory with iPod, iPhone, or iPad may affect wireless performance.

Contents

Changes

Part Number

Product Appearance

Bluetooth Module

TGAM

Front Sensor Arm

Power Button

Packaging

Tutorial App

CD

Quick Start Guide

Headset Mylar

Changes

Part Number

The part number and UPC is changed for the MindWave Mobile bundles. Please see the updated part list below:

Part Number	Description	UPC
80027-032	MindWave Mobile 2 - BrainWave Starter Kit	852103002487

Figure 1: Part Number List

Product Appearance

The headset has a new design for optimal comfort.



I. Flexible Sensor



Flexible Sensor
Rubber sensor arm and rounded tip more comfortable on forehead

II. Wider Ear Clip



Wider Ear Clip
Wider ear clip sensors rest more comfortably on your ear lobe

III. T-Shaped Headband



T-Shaped Headband
Wider pad provides more comfortable and secure fit for the headset

Bluetooth Module

The new headset supports both BLE and Bluetooth Classic. It is a dual mode module with lower power consumption. PC, Mac, and Android will have access through Bluetooth Classic while iOS will have access through BLE.

TGAM

Minor PCB changes were made to accommodate the new features for the Bluetooth module.

- MWM: TGAM2.8
- MWM+: TGAM2.9A
- MWM2: TGAM2.9B

Front Sensor Arm

The front sensor arm is now more flexible and adjustable. The headset will have a sticker attached on the left side to indicate how to adjust the front sensor arm.

Brainwave Sensor Placement



The sensor tip should touch the skin above your left eyebrow with a little pressure.

Bend the arm before putting on headset for best fit.

Power Button

The new headset does not need to be placed into pairing mode. When the headset is turned on, it is automatically in pairing mode. It now says “on” instead of “on/pair.”

LED Light - The MindWave Mobile 2 LED light as two colors: Red and Blue. Refer to the chart to see what state the headset is in.

Light	Headset State	Meaning
Off	Powered Off	Headset is turned off or has no battery
Solid Red	Low Battery	Headset needs a new battery
Solid Blue	Powered On	Headset is turned on

Packaging

The headset comes in newly designed packaging.



Tutorial App

There is now a single tutorial app for each platform instead of two separate tutorial apps.

CD

The new headset kit does not come with a CD. Users will be instructed to download all contents from our website through the QR code on the Quick Start Guide.

Quick Start Guide

The Quick Start Guide was updated to include directions on how to setup the headset for Windows, Mac OSX, iOS, and Android.

Headset Mylar

The mylar on the headset was updated with a “2” to distinguish itself from the MWM and MWM+.

