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.

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Changes

Part Number

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

<table>
<thead>
<tr>
<th>Part Number</th>
<th>Description</th>
<th>UPC</th>
</tr>
</thead>
<tbody>
<tr>
<td>80027-032</td>
<td>MindWave Mobile 2 - BrainWave Starter Kit</td>
<td>852103002487</td>
</tr>
</tbody>
</table>

Figure 1: Part Number List

Product Appearance

The headset has a new design for optimal comfort.
I. Flexible Sensor

![Flexible Sensor](image1)

Rubber sensor arm and rounded tip more comfortable on forehead

II. Wider Ear Clip

![Wider Ear Clip](image2)

Wider ear clip sensors rest more comfortably on your ear lobe

III. T-Shaped Headband

![T-Shaped Headband](image3)

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](image)

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.

<table>
<thead>
<tr>
<th>Light</th>
<th>Headset State</th>
<th>Meaning</th>
</tr>
</thead>
<tbody>
<tr>
<td>Off</td>
<td>Powered Off</td>
<td>Headset is turned off or has no battery</td>
</tr>
<tr>
<td>Solid Red</td>
<td>Low Battery</td>
<td>Headset needs a new battery</td>
</tr>
<tr>
<td>Solid Blue</td>
<td>Powered On</td>
<td>Headset is turned on</td>
</tr>
</tbody>
</table>
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+.