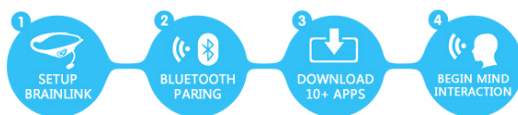




# BrainLink

BCI Headset by Macrotellect



## BrainLink

BrainLink is a brainwave (EEG) sensor that connects with end user devices such as smartphones, tablets, desktop, and laptop computers wirelessly (via Bluetooth). It is designed to be worn on the head. In order to detect a user's brainwave data, three metal sensors need to touch the wearer's skin in two different areas of the head (one on the forehead and two one the left earlobe).

Users can interact with and control the BrainLink by using their minds for applications and games. Applications are customized for BrainLink in iOS, Android, Windows and Mac OS. Apps are available for entertainment, health and education.

## Product Specification:

### Basic information

MCU	PIC18F(XK22LFK22)
Module	TGAM(50Hz)
Material(main)	PC+ABS+TPU
Ear Clip	YES
LED Indicator	YES
Wearable	YES
Colors	White, Blue, Black

### Connection

Bluetooth Module	Bluetooth 3.0 EBR
Range	<= 10M
Baud rate	57600bps
Data transmission	UART RS232
Compatibility	iOS/Android/Windows/Mac OS

### Power

Battery	Lithium
Output	3.7V/160mAH
Charging	5VDC/500mADC-1000mADC
Battery Life	4hrs(Idle:7hrs)
Charging time	1.5hrs
Power dissipation	0.5w
Low battery and charge management	YES

### Dimension and Weight

Headhoop (mm)	L190 x W185 x H135
Package (mm)	L255 x W180 x H60
Weight (g)	61,8

### Packing

Accessories	1x BrainLink, 1x USB charging cable, 2x Tightening strips, 1x Manual, 1x Warranty card, 1x Portable bag
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