

Wireless ECG, EEG & EMG In Your Lab



The BioRadio™ is a wearable monitor with programmable channels for recording and transmitting combinations of human physiological signals. Easy to set up and operate, the BioRadio is a mobile lab that can go almost anywhere you need to take it.



BioRadio™

<http://GLNeuroTech.com/bioradio/acsm-meeting/sales@glneurotech.com>

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Hands-on demo at booth 231

BioRadio™

- Programmable channels for recording multiple combinations of ECG, EEG, EMG, GSR, respiration and more
- Small and lightweight, with on-board memory to record data on the go
- Internal accelerometry and gyroscopes
- Capture data in a flexible format to import to LabVIEW, MATLAB or proprietary tools
- Collaboration and support from our team of researchers and engineers, to help you optimize your BioRadio application



Dimensions	
10 x 6 x 2 cm weight 4 oz	
Data	
Wireless Connection	Bluetooth®
Maximum Streaming Data Rate	200 kbps
Transmission Range	10 meters
Biopotential Acquisition	
Differential / Single-ended channels	4 or 8
Input Range	1 μ V - 2 V
Sampling Rate	250-16000 Hz
Sampling Resolution	12, 16, 24 bit
Common Mode Rejection	-100 dB
Input Impedance	500 MO
Galvanic Skin Response	0.050-15000 kO
On-Board Memory	
Capacity	4 GB
Recording time	8 hours
Embedded Motion Sensors	
Tri-Axial Accelerometer	± 8 g
Tri-Axial Gyroscope	± 2000 °/s
Rechargeable Battery	
Recharge Port	microUSB
Battery Life	8 hours
Batter Recharge time	3 - 4 hours
Collect data while charging?	Yes
External Inputs	
Push-Button Event Marker	Grasp Force Sensor
Force Plate	Pulse Oximetry

