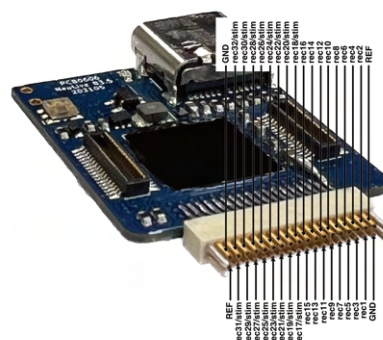




NeuLive Model F

Wireless Electrophysiology Stimulator/Amplifier



BioPro Scientific - November 1, 2023

Number of inputs channels	32
Number of stimulation channels	16
Dimension	2.9 x 2.0 x 0.8 cm
Weight (w/o battery)	2.81 g
Bluetooth Range	2 m
3D Accelerometer	Yes
Memory	128 GB (microSD card)
Input voltage range	6 mV (gain = 100) 2 mV (gain = 300) 1.2 mV (gain = 500)
Recording Noise	$V_{rms} < 13 \mu V$
Recording ADC Resolution	12 bits
Recording Sampling Rate	10 k sps (Bluetooth) 40 k sps (microSD)
Stimulation Intensity	5 μA — 4 mA (5 μA /step)
Stimulation Frequency	DC, 2 — 20 kHz
Stimulation Pulse Width	10 μs — 500 ms (10 μs /step)
Stimulation Waveform	Positive/Negative/Biphasic/Random
Battery	Rechargeable Li-Poly battery (1.48 g) for 4 hrs at 10 sps
Connector	36 pin male miniature connector Type-C (charging)



Hub

Wireless Controller



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Max. number of inputs NeuLive headstages	4
Type of output	Wifi
Dimension	14 x 14 x 5 cm
Weight	450 g
RF Range	-4 ~ 8 dB
I/O ports	USB Ethernet
Memory	128 GB
Power	Micro USB (adapter included) 10 min UPS
Control System	Cordia (built-in)



Cordia The Control System for BPS Products

Cloud-Powered Telemedicine Platform for Brain Health



<https://www.bioproscientific.io/>