Report 1.2

Devices

name 98:D3:51:FD:71:01			address 98:D3:51:FD:71:01	type bitalino_rev	sampling rate 1000 Hz
channel	label	sensor	resolution		
A1	A1	EMGBITREV	10		

channel	label	sensor	resolution
I1	INPUT	BTN	1
I2	INPUT	Generic Input	1
O1	OUTPUT	LED	1
O2	OUTPUT	BUZ	1
DAC	DAC	PWM	8

Electromyographic analysis

unit	session time	selection start	selection end	total processed time
Millivolt	01:39.5	00:00.0	01:00.0	01:00.0

98:D3:51:FD:71:01

A1 - EMGBITREV
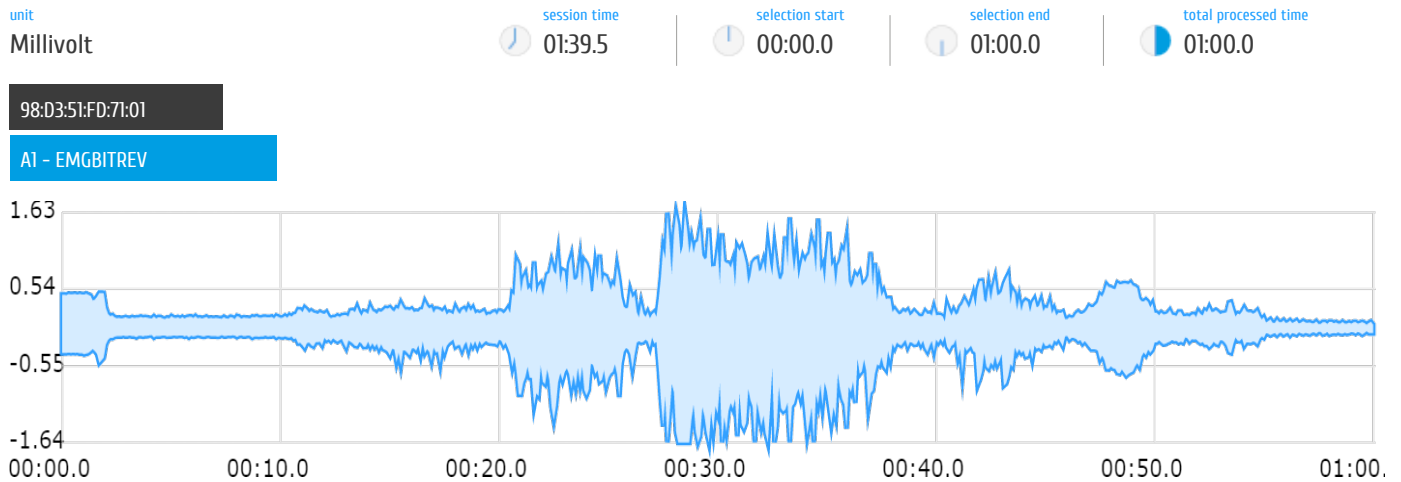
Processed channels

98:D3:51:FD:71:01

A1

FILTER
applied   bandpass – [10,100] Hz cutoff – Order: 6

DETECTION OPTIONS
applied to TKE: smooth window of   0.5   seconds

Muscle Activation results

Activations

find   all muscle activations

98:D3:51:FD:71:01

channel	digital	activation	start (s)	end (s)	duration (s)	latency (s)	max (mV)	min (mV)	ampl+ (mV)	ampl- (mV)	ampl+- (mV)	rms (mV)	area (mV^2)
1	NONE	1	0.091	1.882	1.791	0.091	0.49 mV	-0.5 mV	30.00	31.00	0.99 mV	0.28 mV	463.41 mV²
	NONE	2	20.698	24.974	4.276	20.698	1.03 mV	-1.32 mV	63.00	80.00	2.35 mV	0.33 mV	1.1e+3 mV²
	NONE	3	25.283	25.485	0.202	25.283	0.86 mV	-0.99 mV	52.00	60.00	1.85 mV	0.34 mV	53.84 mV²
	NONE	4	27.283	37.208	9.925	27.283	1.63 mV	-1.63 mV	99.00	100.00	3.26 mV	0.48 mV	3.7e+3 mV²
	NONE	5	42.356	42.472	0.116	42.356	0.51 mV	-0.59 mV	31.00	36.00	1.1 mV	0.24 mV	22.5 mV²
	NONE	6	43.101	43.306	0.205	43.101	0.75 mV	-0.8 mV	46.00	49.00	1.55 mV	0.31 mV	52.01 mV²
	NONE	7	47.350	49.380	2.030	47.350	0.64 mV	-0.69 mV	39.00	42.00	1.33 mV	0.36 mV	641.98 mV²
Diff	-	-	-	-	-	-	-	-	-	-	-	-	-
Ratio	-	-	-	-	-	-	-	-	-	-	-	-	-

Glossary

1. MVC: Maximum Voluntary Contraction.
2. TKE: Teager-Kaiser Energy operator.

plux