

Graph Template Settings for BSL PRO Lesson H12: Saccades EOG (h12.gtl)

DISPLAY		Display > Show > select option to activate						
Show options		Chart, Toolbar, Measurements, Markers, Channel numbers, Line plot						
CHANNEL SETUP		MP30 > Set up channels						
Analog channels	Preset selected ▾	Label	Acq	Plot	Values			
CH1	EOG (.05 - 35 Hz)	Same as preset	x	x	x			
CH2	Stimulator-BSLSTMA (0-10 Volts)	Same as preset	x	x	x			
PARAMETERS		MP30 > Set up channels > View/Change Parameters						
Analog channels	DIGITAL FILTERS			HARDWARE				
	#	Type	Freq (Hz)	Q	Gain	Offset	Input	Filtering
CH1 EOG	1	Low Pass	66.5	0.5	x5,000	0 mV	AC	1 kHz LP
	2	Low Pass	38.5	1.0				0.5 Hz HP
	3	Band Stop	60.0	1.0				
CH2 Stimulator	none				x200	0 mV	DC	5 kHz LP
SCALING		MP30 > Set up channels > View/Change Parameters > Scaling						
CH1 EOG	Cal Button	Input value	Scale value	Units label				
	Cal 1	-1000	-1	mV				
	Cal 2	1000	1					
CH2 Stimulator	Cal Button	Input value	Scale value	Units label				
	Cal 1	-0	0	Volts				
	Cal 2	50	10					
ACQUISITION SETUP		MP30 > Set up acquisition						
Mode:		3 settings: Record – and – Append -- using – PC Memory Length: 3000 msec						
Sample rate:		200 samples/sec			Repeat: OFF			
STIMULATOR		MP30 > Show Stimulator (complete Setup then click Preferences... button)						
Setup:	Mode: Specified number of pulses			Mode: Continuous pulses				
	Number of pulses: 1			Pulse width: 1.0msec				
	Pulse width: 1.0 msec			Pulse rate: 10.0 Hz				
	Pulse rate: 10.0 Hz			Pulse limits: Lower=1 Hz, Upper=20 Hz				
	Pulse limits:							
	→ Lower=1 Hz, Upper=909 Hz							
Preferences:	Start/Stop with: Button in Stimulator window			Lock rate limits to max: ON				
				Limit pulse width : ON				
	Delay: n/a			→ Limit pulse width to: 1.0 msec				
	Correction factor 110 μ sec			Auto marker: ON				
Rate increment 1 Hz								
GRIDS		Display > Show > Grid Options						
Grid Options:	Show minor division	Lock gridlines	Adjust using...					
	OFF	OFF	n/a					
VERTICAL SCALE		Click on vertical scale region of the desired channel (right edge of data window)						
	Scale	Midpoint	Precision					
CH1	0.21 mV/div	-0.05 mV	2 digits					
HORIZONTAL SCALE		Click on horizontal scale region (bottom edge of data window)						
All Channels	Scale	Start	Precision					
	7.37 seconds/div	0.00 seconds	2 digits					