

## Pain Relief Burst 2CH

**Category:** TENS – auto repeat

Pain relief by applying 2Hz/100Hz burst current.

**Indication:** Phantom pain, scar pain, post-operative pain, lumbalgy, acute pain, chronic pain

**Stimulation pattern:** sequential activation

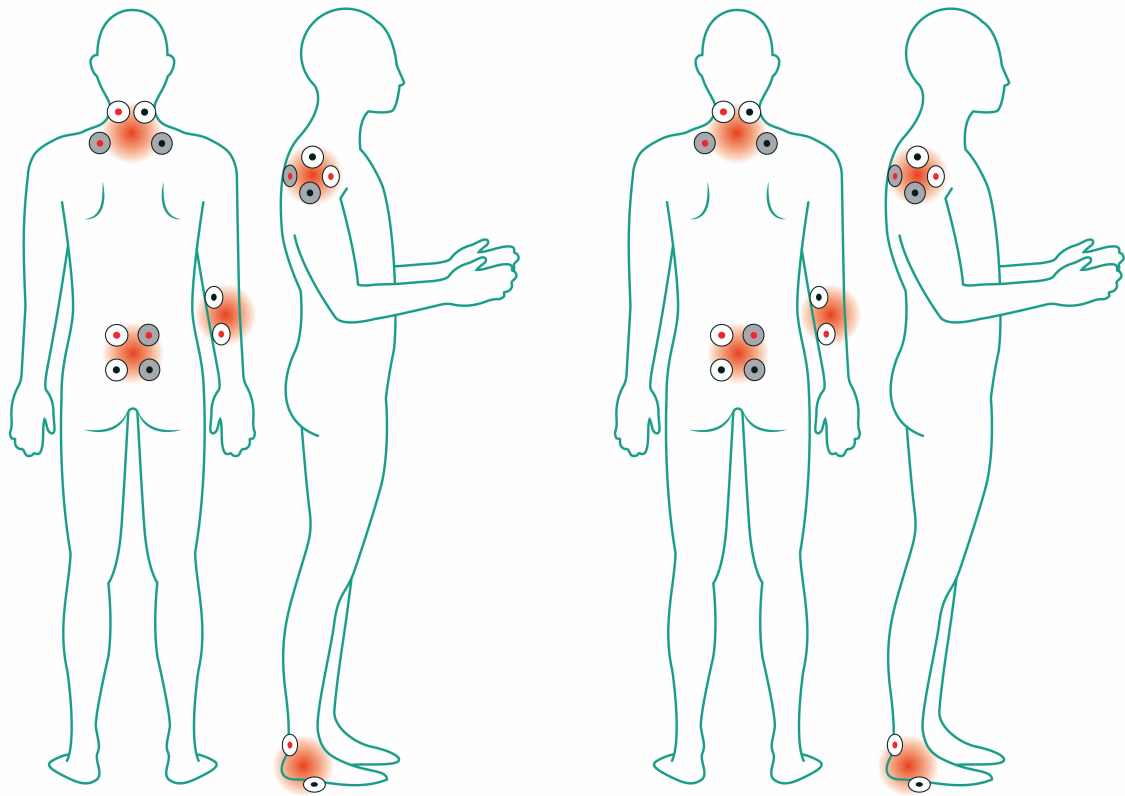
**Stimulation cable:** 2-channel

**Active channels:** Channel 1, Channel 2

**Solo mode:** Yes

### Placement of electrodes and stimulator

Channel	Function	Electrode type
1	spot of pain	bipolar, square 2" x 2" (5cm x 5cm)
2	second spot of pain	bipolar, square 2" x 2" (5cm x 5cm)

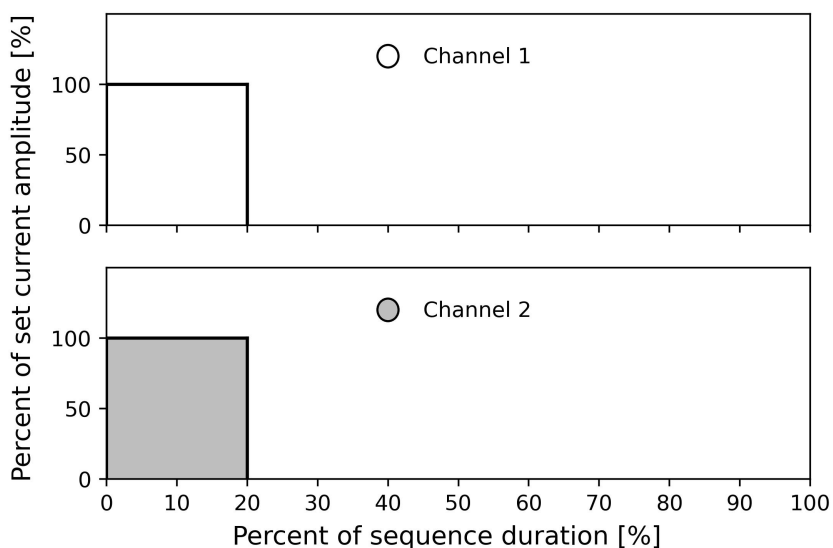


**Electrode placement:** channel 1 — spot of pain and channel 2 — second spot of pain

## Current settings for stimulation stages

### Training:

<b>Total duration</b>		20:00:000 (min:sec:msec)			
<b>Sequence duration</b>		00:00:500 (min:sec:msec)			
<b>Sequence mode<sup>1</sup></b>		automatic repetition			
Channel	Maximal current	Maximal pulse width	Frequency	Pulse form	Pulse mode <sup>2</sup>
1	80.0 mA	200 $\mu$ s	100.0 Hz	biphasic (100 $\mu$ s pause)	sequential
2	80.0 mA	200 $\mu$ s	100.0 Hz	biphasic (100 $\mu$ s pause)	sequential



Activation of the stimulation channels for training

**<sup>1</sup>Sequence modes**

- Automatic repetition: The stimulation sequence will be automatically repeated until the total duration of the stage is reached.
- Motion triggered cyclic: The stimulator is placed on a limb and the cycle percentage will be estimated during cyclic movements like leg cycling or arm cranking. The Stimulation is controlled as a function of the current cycle percentage and can be activated in up to three phases per active channel.
- Motion triggered with threshold: The stimulation sequence will be triggered by an change in the inclination angle of a body segment on which the stimulator is placed. The angle and direction of change (increasing or decreasing) must be defined.
- Manually triggered: The stimulation sequence will be manually triggered by the therapist or patient using the Stim2Go app.

**<sup>2</sup>Pulse modes**

- Sequential: The stimulation is activated in up to three phases within a sequence duration or motion cycle.
- Always on: For a current amplitude larger than zero, the stimulation of a channel is permanently on over the entire sequence duration.