

PAJUNK®

MultiStim ECO

State of the art nerve stimulation



Nerve blocks

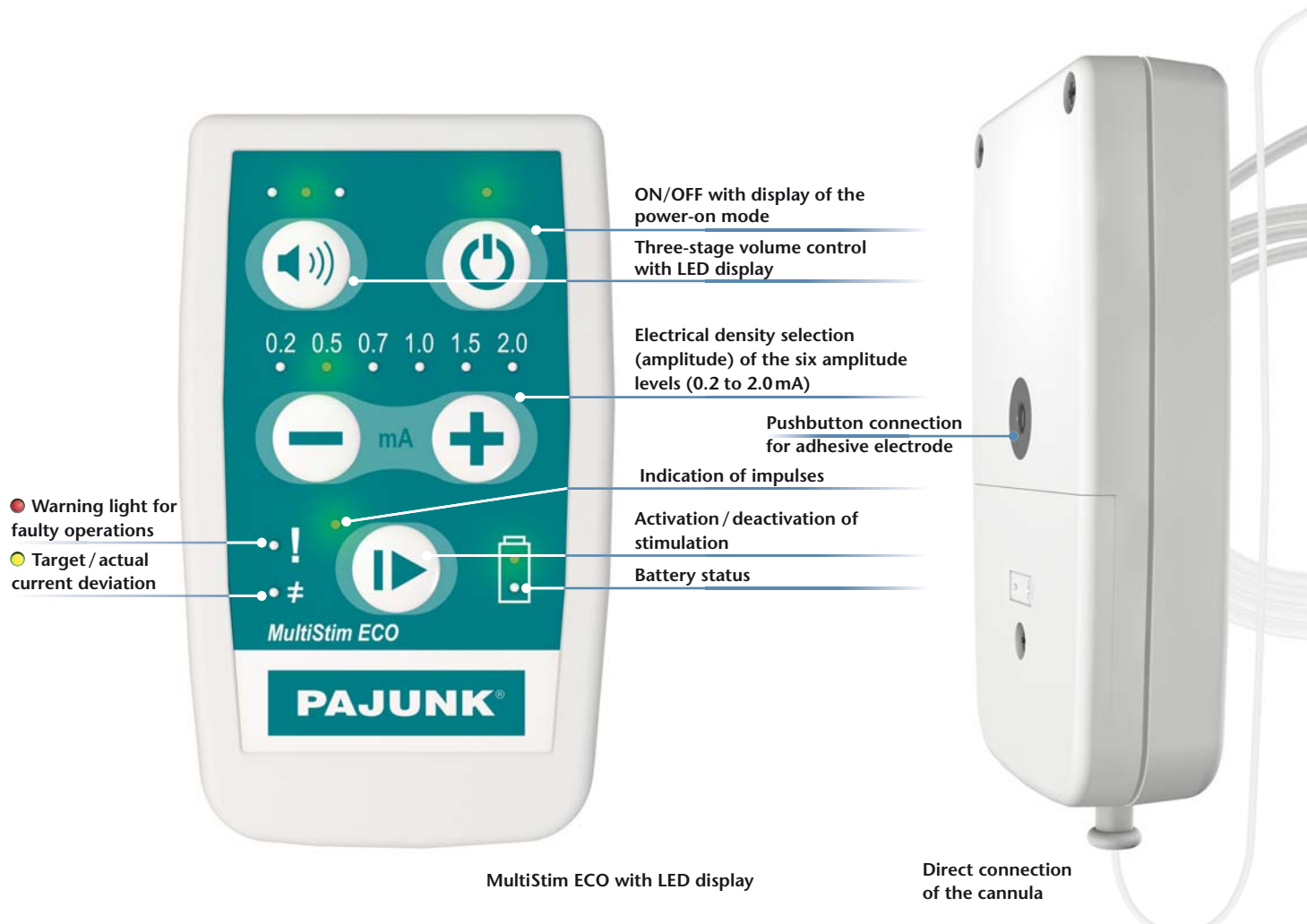
MultiStim ECO

Combined procedure

The use of ultrasound and nerve stimulator for the identification of nerve structures established as a routine procedure, because this combination provides an additional level of safety. In this way, the imaging of the individual anatomy and the simultaneous control of the distance of the cannula to the nerve using stimulation enables an optimization of the puncture accuracy for each anaesthetist.¹

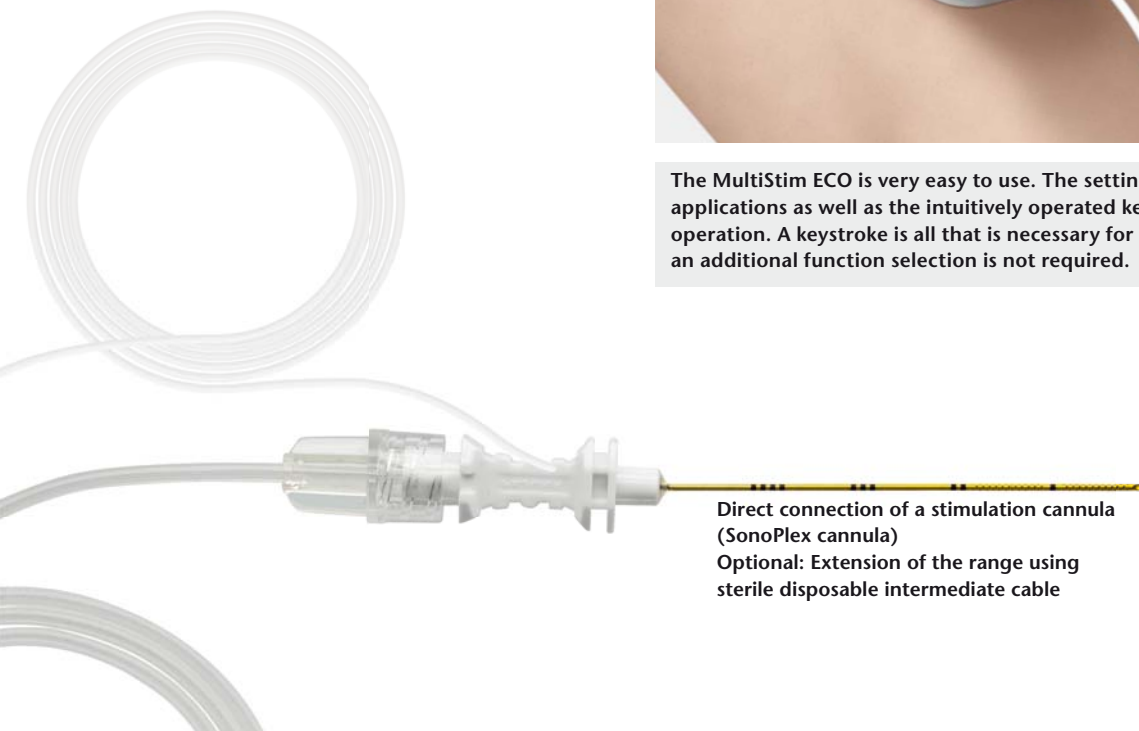
With the MultiStim ECO, PAJUNK® has added a device to its range of products of nerve stimulators that is simple to operate and suitable for combined as well as exclusive use of the stimulation technique. It is characterized in particular by the following properties:

- ➔ Small, compact device – complies with the requirements of combined procedures very well
- ➔ Simple operation – manual settings are limited to the parameters proven in practice^{2,3}
- ➔ No additional patient cable – cannula is directly connected to the device

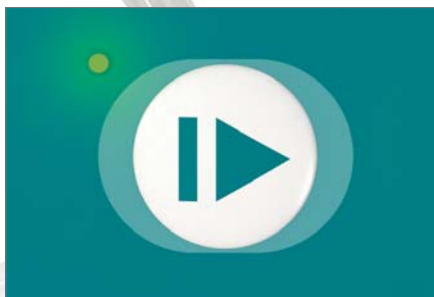




The MultiStim ECO is very easy to use. The settings are adapted to standard applications as well as the intuitively operated keyboard enable one-hand operation. A keystroke is all that is necessary for activation after switching on – an additional function selection is not required.

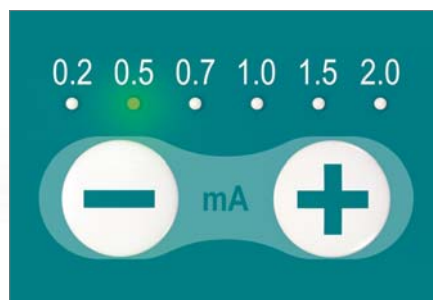


Direct connection of a stimulation cannula (SonoPlex cannula)
Optional: Extension of the range using sterile disposable intermediate cable



Fixed defined settings

The frequency is predefined at 1 Hz and the stimulation pulsewidth at 0.1 ms. Due to safety reasons, stimulation is first activated or deactivated by a touch of the stimulation button.



Variation of the current strength

Depending on the special requirements of an application, the current strength can be gradually set on a six-level amplitude scale from 0.2 to 2.0 mA. Arrow buttons are used for the plus/minus key.



Fixation by an adhesive electrode

The MultiStim ECO has a pushbutton connection on the lower side of the device and is clicked directly on the adhesive electrode. The stimulateable cannula is connected directly to the MultiStim ECO.

MultiStim ECO

The system at a glance

MultiStim ECO



MultiStim ECO

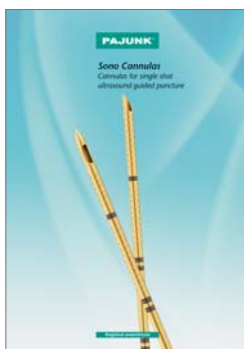
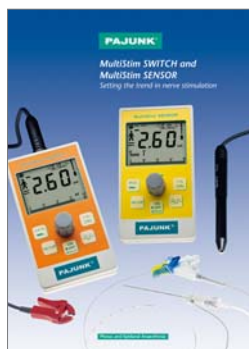


Disposable
intermediate cable

Product	Item no.
MultiStim ECO incl. instrument case	1151-94-50
Disposable intermediate cable for optional extension of the connection of stimulation cannulas, 60 cm	01151-861Q

Studies

- Tsui B. C. H. Ultrasound-guidance and nerve stimulation: implications for the future practice of regional anesthesia, Can. J. Anesth. 2007 Mar; 54(3): 165–170
- Steinfeldt T., Schwemmer U., Volk T., Neuburger M., Wiesmann T., Heller A. R., Vicent O., Stanek A., Franz M., Wulf H., Kessler P. Nerve localization for peripheral regional anesthesia: Recommendations of the German Society of Anaesthesiology and Intensive Care Medicine, Anesth. 2014 Jul; 63(7): 597–602
- Meier G., Büttner J. Atlas der peripheren Regionalanästhesie, Anatomie - Sonografie - Anästhesie – Schmerztherapie, 2. überarb. Aufl. Stuttgart: Thieme-Verlag, 2006
- Borgeat A., Capdevila X. Neurostimulation/ultrasonography: the Trojan war will not take place., Anesth. 2007 May; 106(5): 896–898



PAJUNK® GmbH

Medizintechnologie

Karl-Hall-Strasse 1

D-78187 Geisingen / Germany

Phone +49 (0) 77 04/92 91-0

Fax +49 (0) 77 04/92 91-6 00

www.pajunk.com