chattanooga™

Neo Stimulation Channel 3 & 4 Module Manual

Installation Instructions

For complete User Operating Instructions, including Cautions, Warnings, Dangers, Indications, and Contraindications, refer to the User's Manuals.

- Domestic Market, US only, refer to Vectra Neo Clinical Therapy System User Manual, Item #13-7646 (CD Version, item #13-7647).
- International Market, refer to Intelect Neo Clinical Therapy System User Manual, Item #13-7651 (CD Version, item #13-7652).
- To obtain a copy, contact your local representative or DJO Customer Care.

DJO, LLC
A DJO Global Company
1430 Decision Street
Vista, CA 92081-8553
T: 1-800-592-7329 USA
T: 1-760-727-1280
F: 1-760-734-5608
DJOGlobal.com

Neo Stimulation Channel 3 & 4 Module
13-8893 Rev E

EC REP

EU Authorized Representative:
MDSS GmbH
Schiffgraben 41
30175 Hannover
Germany
Phone (+49)-511-6262 8630
FAX (+49)-511-6262 8633

CE 0086

℞ Only

MODULE INSTALLATION

Install module from the left side (when facing the screen) of the unit.

The Neo Stimulation Channel 3 & 4 Module is designed only for use with Vectra Neo or Intelect Neo Therapy Systems.

Items included in this module:

Electrotherapy Module Channels 3/4 – PN 70003

- Stimulation module
- Lead wires
- Dura-Stick® 2 in (5 cm) Round Disposable Electrodes (1 pack of 4)
- Faceplates (to cover module after inserted into main unit)

Tools required (not included):

- #2 Phillips screwdriver
- Standard slotted screwdriver.

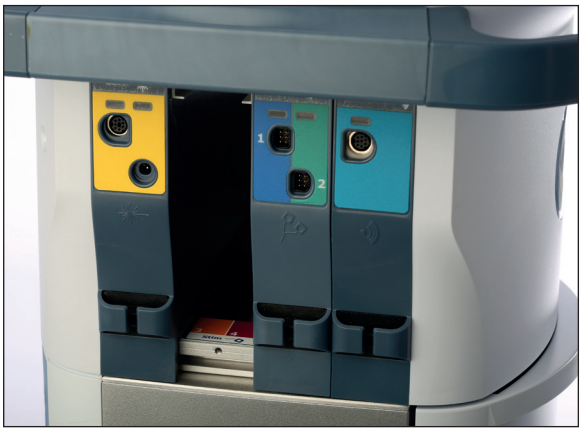
The System is programmed to automatically recognize the new Module, therefore, no software installation is required.

Complete the following steps to install the Stimulation Channel 3 & 4 module:

1. Power off device. Remove the power cord from the rear of the device.

2. Remove the blank faceplate over the third slot from the front on the left and right sides of the unit. Insert a standard slotted screwdriver in the top slot, pressing down with slight pressure. Pull the faceplate away.

3. The third slot is illustrated below, but the technique is the same for all modules.



4. The module is inserted on the left side in the third slot as shown. Carefully insert the module into the slot, with 32 pins (2 x 16) in first.

5. Set the module in place with gentle pressure until you feel an end point of travel.

MODULE INSTALLATION (CON'T)

6. Using a #2 Phillips Screwdriver, secure the module with the provided 8-32 x 5/16" screw at the bottom tab, as shown.

7. Insert the faceplate with connection openings, supplied with module, on the Right side at the bottom and snap into place as shown. Insert a blank faceplate on the Left side.

8. Plug in the unit and press the power button, allow the unit to initialize and then verify that the newly installed module is shown as available on the Home screen.

Cable Insertion

Shown below is the Cable Insertion location

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⚠ CAUTION

- This unit should be operated at 10°C to 45°C and 0% to 90% Relative Humidity. The unit should be transported and stored at 0°C to 60°C and 0% to 95% Relative Humidity.
- Device is designed to comply with electromagnetic safety standards. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with instructions, may cause harmful interference to other devices in the vicinity. However, there is no guarantee that interference will not occur in a particular installation. Harmful interference to other devices can be determined by turning this equipment on and off. Try to correct the interference using one or more of the following:
  - Reorient or relocate the receiving device
  - Increase the separation between the equipment
  - Connect the equipment to an outlet on a different circuit from that to which the other device(s) are connected and consult the factory field service technician for help.
  - Consult your authorized DJO dealer for help.
- Do not operate this unit when connected to any unit other than DJO devices or accessories specifically described in user or service manuals.
- DO NOT disassemble, modify, or remodel the unit or accessories. This may cause unit damage, malfunction, electrical shock, fire, or personal injury.
- DO NOT permit foreign materials, liquids or cleaning agents to enter the unit, including, but not limited to, inflammables, water, and metallic objects from entering the unit, to prevent unit damage, malfunction, electrical shock, fire, or personal injury.
- If you have difficulty operating the unit after carefully reviewing this user manual, contact your DJO dealer for assistance.

⚠ WARNING

- Be sure to read all instructions for operation before treating patient.
- Make certain the unit is electrically grounded by connecting only to a grounded electrical service receptacle conforming to the applicable national and local electrical codes.
- Care must be taken when operating this equipment around other equipment. Potential electromagnetic or other interference could occur to this or to the other equipment. Try to minimize this interference by not using other equipment in conjunction with it.
- The safety of TENS waveforms for use during pregnancy or birth has not been established.
- TENS is not effective for pain of central origin. (This includes headache.)
- TENS waveforms have no curative value.
- Electronic monitoring equipment (such as ECG monitors and ECG alarms) may not operate properly when electrical stimulation is in use.
- TENS is a symptomatic treatment, and as such, suppresses the sensation of pain which would otherwise serve as a protective mechanism.
- Contaminated electrodes and leadwires can lead to infection.
- Use of electrode with degraded hydro-gel can result in infection to the skin burn.
- Use of electrode on multiple patients can lead to infection.
- Stop treatment immediately if patient experiences discomfort or pain.
- Powered muscle stimulators should be used only with the leads and electrodes recommended for use by the manufacturer.
- In the event of all 300-Level or a 200-Level error message that cannot be resolved, immediately stop all use of the system, and contact the dealer or DJO for service. Errors and Warnings in these categories indicate an internal problem with the system that must be tested by DJO or a Trained Technician before any further operation or use of the system.
  - Use of a system that indicates an Error or Warning in these categories may pose a risk of injury to the patient, user, or extensive internal damage to the system.
- DO NOT connect the unit to an electrical supply without first verifying that the power supply is the correct voltage. Incorrect voltage may cause unit damage, malfunction, electrical shock, fire, or personal injury. Your unit was constructed to operate only on the electrical voltage specified on the Voltage Rating and Serial Number Plate.
  - Contact your DJO dealer if the unit is not properly rated.
- Keep electrodes separated during treatment. Electrodes in contact with each other could result in improper stimulation or skin burns.
- Long term effects of chronic electrical stimulation are unknown.
- Stimulation should not be applied over the anterior neck or mouth. Severe spasm of the laryngeal and pharyngeal muscles may occur and the contractions may be strong enough to close the airway or cause difficulty in breathing.
- Stimulation should not be applied transthoracically in that the introduction of electrical current into the heart may cause cardiac arrhythmia.
- Stimulation should not be applied over swollen, infected, and inflamed areas or skin eruptions, e.g., phlebitis, thrombophlebitis, varicose veins, etc.
- Stimulation should not be applied over, or in proximity to, cancerous lesions.
- Electrotherapy output current density is related to electrode size. Improper application may result in patient injury. If any question arises as to the proper electrode size, consult a licensed practitioner prior to therapy session.
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⚠ DANGER

- Stimulus delivered by the TENS waveforms of this device, in certain configurations, will deliver a charge of 25 microcoulombs (μC) or greater per pulse and may be sufficient to cause electrocution. Electrical current of this magnitude must not flow through the thorax because it may cause a cardiac arrhythmia.