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> axion Set of 4 Back Electrode Pads for TENS & EMS Devices Instruction Manual

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Instruction Manual

1. INTRODUCTION AND PRODUCT OVERVIEW

The axion Set of 4 Back Electrode Pads are high-quality, self-adhesive electrodes designed for use with TENS (Transcutaneous Electrical Nerve Stimulation) and EMS (Electrical Muscle Stimulation) devices. These professional-grade electrodes are intended for effective pain relief and muscle stimulation, particularly targeting the back and neck areas. They are a Class I medical product, ensuring quality and safety for therapeutic applications.

2. PRODUCT FEATURES

- **High-Quality Construction:** Electrodes feature a soft, high-quality surface for comfortable application.
- **Optimal Conductivity:** A special carbon film ensures uniform impulse distribution across the entire electrode surface.
- **Skin-Friendly Adhesive:** The premium self-adhesive gel layer is gentle on the skin, providing secure adhesion and reducing impedance for effective therapy.
- **Reusable:** Designed for multiple uses, offering longevity with proper care.
- **Medical Grade:** Certified Class I medical product.

Connettore a bottone
da 3,5 mm

Compatibili con una vasta
gamma di dispositivi TENS ed
elettrostimolatori muscolari

Sentiti libero di contattarci in
caso avessi dubbi sulla compati-
bilità con il tuo dispositivo



Strato isolante morbido

Strato conduttivo in carbonio

Strato autoadesivo in gel
premium

Foglio di supporto in PET

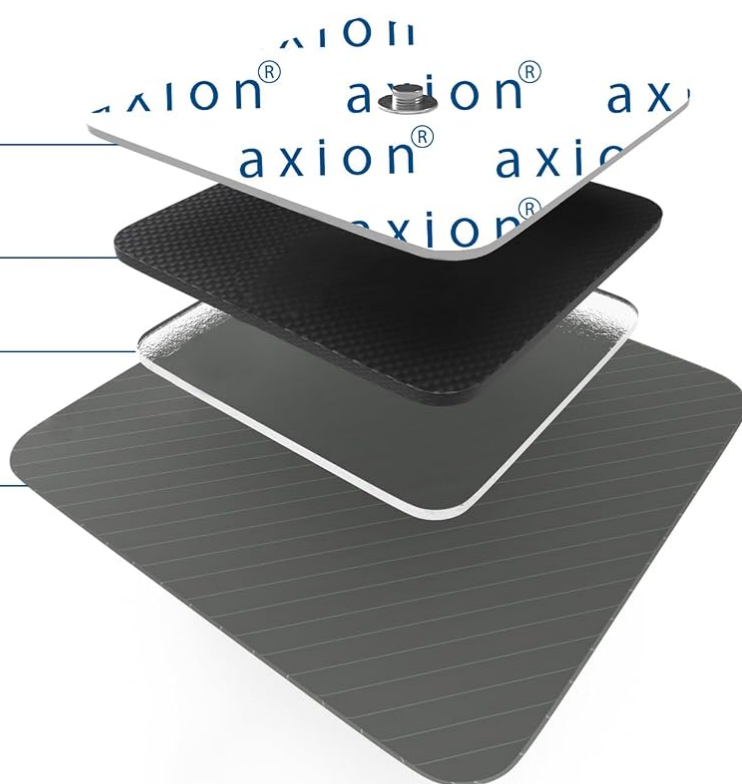


Image 2.1: Diagram illustrating the layered construction of an axion electrode pad, highlighting the insulating, conductive, gel, and backing components.

3. COMPATIBILITY

These electrode pads are designed for electrostimulators with a **3.5 mm button connection**. Please verify your device's connection type before use.

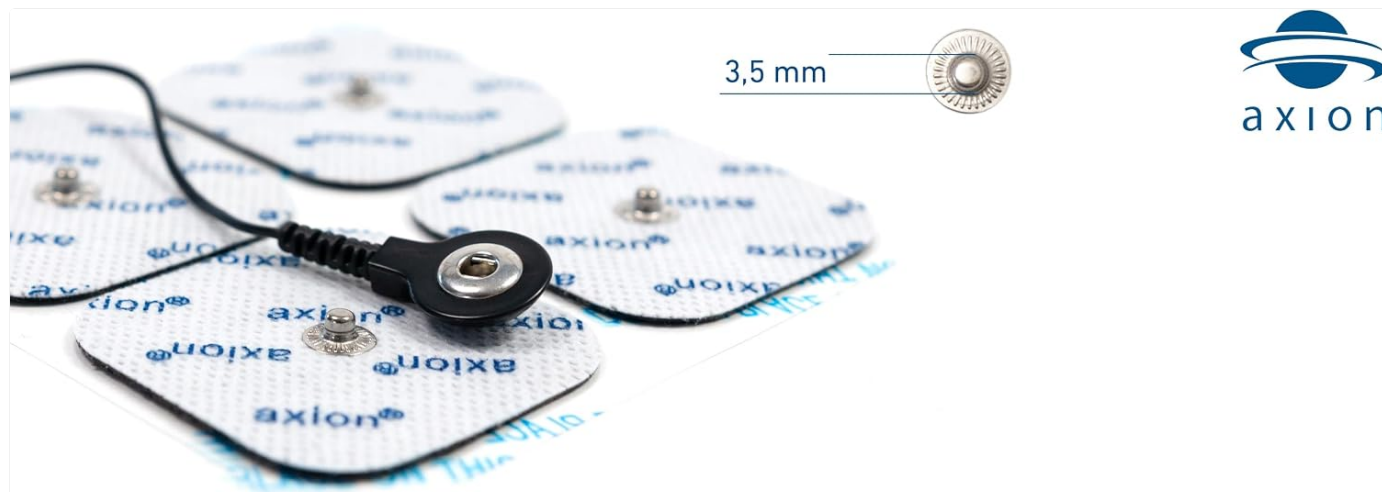
Compatible Devices:

- **Sanitas:** SEM 40, SEM 41, SEM 42, SEM 43, SEM 44
- **Beurer:** EM 40, EM 41, EM 49, EM 80, Home-Studio
- Hydäs
- Grundig

- Terraillon
- Easy@Home: EHE029G, EHE029G-B, EHE029N
- Massage Therapy Concepts

Not Compatible With:

- Compex devices
- Beurer: EM 59, EM 89
- Omron devices



Compatibile, tra gli altri, con dispositivi di:

Beurer (EM40, EM41, EM49, EM80,
EMS Home-Studio), Bluetens,
Sanitas (SEM40, SEM41, SEM42,
SEM43, SEM44), Hydax,
Grundig, Terraillon, Easy@Home
(EHE029G, EHE029G-B y EHE029N),
Massage Therapy Concepts

Non compatibile con dispositivi di:

Beurer (EM59, EM89),
Compex, Omron



Avviso: Il marchio axion non è affiliato ai marchi o produttori sopra menzionati. I nomi dei marchi elencati sono utilizzati esclusivamente per indicare la compatibilità del nostro prodotto. Tutti i nomi di marchi e marchi registrati sono di proprietà dei rispettivi titolari.

Image 3.1: Visual representation of the electrode's 3.5mm button connector and a detailed list of compatible and incompatible electrostimulator brands and models.

4. SETUP AND APPLICATION

Proper application ensures optimal conductivity and comfort during therapy.

1. **Prepare Skin:** Ensure the skin area where electrodes will be applied is clean, dry, and free of oils, lotions, or hair. This improves adhesion and conductivity.

2. **Remove from Packaging:** The electrodes arrive in a sealed bag to guarantee they are new and unused. Carefully open the bag.
3. **Peel from Backing:** Gently peel the electrode pad from its protective backing film. The electrodes are positioned on a special backing sheet for easy re-storage after use.
4. **Apply to Skin:** Apply the electrode pad firmly to the desired area of the skin. Ensure full contact to prevent uneven stimulation.
5. **Connect Device:** Connect the electrode cable from your TENS/EMS device to the button connector on the electrode pad.



Gli elettrodi arrivano in una busta sigillata per garantire che siano nuovi e non utilizzati



Gli elettrodi sono posizionati su uno speciale foglio di supporto per riporli facilmente dopo



Image 4.1: Illustration of how to properly remove an electrode pad from its sealed packaging and backing for initial use.

a clienti privati, nonché a ospedali, medici, fisioterapisti ed esperti in terapia del dolore.

In qualità di specialisti nel trattamento del dolore con TENS, abbiamo la più grande gamma di elettrodi in Europa, inclusi molti elettrodi appositamente progettati.



Image 4.2: Examples of versatile electrode application on the back for TENS and EMS therapy.



Image 4.3: Dimensions and typical placement for axion neck and back electrode pads.

5. OPERATING INSTRUCTIONS

Once the electrodes are correctly applied and connected to your TENS/EMS device, refer to your device's instruction manual for specific program settings, intensity levels, and treatment durations. These electrodes facilitate various therapeutic applications:

- **Pain Therapy:** Provides drug-free pain relief for conditions such as back pain, neck pain, sciatica, heel pain, and other localized discomforts.
- **Muscle Training:** Supports targeted and joint-friendly muscle training to aid in rehabilitation or achieve sports-related goals.
- **Electrostimulation Massages:** Helps relax muscles and promotes overall well-being.



Image 5.1: Examples of versatile application for TENS and EMS therapy on various muscle groups.

6. MAINTENANCE AND CARE

Proper maintenance extends the lifespan and effectiveness of your axion electrode pads.

- **After Each Use:** Carefully detach the electrode pads from your skin. Re-apply them to their original protective backing film.
- **Storage:** Store the electrodes in their sealed bag in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Restoring Adhesion:** If the adhesive strength decreases, gently moisten the adhesive surface with a small drop of water to reactivate it. Allow it to air dry slightly before re-applying.
- **Cleaning:** Do not use harsh cleaning agents, alcohol, or abrasive materials on the electrodes, as this can damage the gel layer.
- **Replacement:** Replace electrodes when they no longer adhere effectively or if they show signs of wear and tear, such as cracking or discoloration.

7. TROUBLESHOOTING

- **Poor Adhesion:** Ensure the skin is clean, dry, and free of oils. If adhesion is still poor, gently moisten the gel surface with a small amount of water and allow it to become tacky before re-application.
- **Weak or Uneven Stimulation:** Check all cable connections to ensure they are secure. Verify that the electrodes are fully adhered to the skin without air pockets. Ensure your TENS/EMS device is functioning correctly and its battery is charged.
- **Skin Irritation:** If skin irritation occurs, remove the electrodes immediately. Ensure proper skin preparation. If irritation persists, discontinue use and consult a healthcare professional.
- **No Stimulation:** Check that the TENS/EMS device is turned on and functioning. Verify that the cables are securely connected to both the device and the electrodes. Ensure the electrodes are making full contact with the skin.

8. SPECIFICATIONS

Product Name	axion Set of 4 Back Electrode Pads
Quantity	4 Units (Pack of 1)
Connection Type	3.5 mm Button Connector
Material	Self-adhesive gel, carbon film, PET backing
Medical Device Class	Class I
Item Weight	100 g
Manufacturer Reference	20140
First Available Date	December 8, 2016

9. SAFETY INFORMATION AND WARNINGS

- **Consult a Professional:** Always consult a healthcare professional before starting TENS/EMS therapy, especially if you have pre-existing medical conditions, are pregnant, have a pacemaker, or any other implanted electronic device.
- **Application Areas:** Do not apply electrodes over open wounds, irritated skin, rashes, or areas with reduced sensation. Avoid applying near the heart, on the head, or over the carotid sinus nerves (front of the neck).
- **Children:** Keep electrodes and TENS/EMS devices out of reach of children.
- **Discontinue Use:** If you experience any discomfort, pain, skin irritation, or adverse reactions during use, discontinue therapy immediately and consult a healthcare professional.
- **Single Patient Use:** These electrodes are intended for single-patient use only. Sharing electrodes can lead to hygiene

issues and reduced effectiveness.

- **Not a Cure:** TENS/EMS therapy is a symptomatic treatment and not a cure for underlying conditions.

10. WARRANTY AND SUPPORT

For specific warranty information, product support, or inquiries regarding your axion electrode pads, please contact axion customer service directly through their official website or the retailer from whom you purchased the product. Ensure you have your purchase details and product reference number (20140) available when contacting support.

ASK A QUESTION ABOUT THIS MANUAL

Ask about setup, troubleshooting, compatibility, parts, safety, or missing instructions. Manuals+ will review the question and use this page's manual context to help answer it.

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Question

Example: How do I reset this device or fix this error?

Details

Model number, symptoms, what you tried, or the section of the manual you are using.

Submit question

Open the live page

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