

## For personalized pain relief

Therapy used by professionals Personalize & track treatment 20 programs & 60 intensities



PR3841/00

# Fast pain relief

App-controlled, personalized pain relief

Philips PulseRelief delivers TENS drug-free, personalized pain relief so you can enjoy your daily activities. TENS is a recognized therapy used by health professionals to help relieve pain. It is wireless, lightweight and easy to use.

## Wearable slim design

- Rechargeable battery via USB or power adapter
- Easy snap-on magnet connection for quick use without delay
- Includes 2 replacement hydrogel electrodes

## Personalize & track your treatment

- 20 treatments with 60 intensity levels
- Treatment diary to provide a structured overview
- Is PulseRelief suitable for me?

## Powerful pain relief technology

- · Powerful pulse for pain relief
- · Recognized therapy to help relieve pain

## Wireless App controlled TENS unit for pain relief

· Control your treatment from your iOS or Android device



## Multi-area drug-free pain therapy

For personalized pain relief Therapy used by professionals, Personalize & track treatment, 20 programs & 60 intensities

## Highlights

## Powerful TENS technology

PulseRelief is a wireless one-channel TENS device. It uses a bi-phase pulse to stimulate the nerves underlying the skin. You can control the intensity of the pulse yourself via the PulseRelief app.

## Recognized pain therapy



TENS is a recognized therapy used by health professionals to help relieve pain. TENS is a non-invasive pain relief method for which clinical proof exists that it can help relieve pain. TENS uses tiny electrical impulses sent through the skin to the nerves to block the pain message from reaching the brain.

## App-enabled treatment control



You can control your treatment via Bluetooth low energy on your iOS or Android device (see specifications for compatibility) to allow a high degree of mobility during use of PulseRelief. This enables you to go about your daily activities without being hindered by wires.

## 20 treatments, 60 intensities

PulseRelief offers a variety of treatments with its 15 TENS [Transcutaneous electrical nerve stimulation] and 5 EMS [Electrical muscle stimulation] programs. The 15 TENS programs can be used to relieve muscle pain resulting from e.g. strain injury, exercise or

household work. The 5 EMS programs offer muscle stimulation for muscle conditioning.

## **Treatment diary**

The Treatment diary is part of the PulsRelief app. It gives you a comprehensive overview on your personalized treatment history. You can use this overview to optimize your pain treatment (together with your health professional).

#### **Self-adhesive electrodes**

The self-adhesive electrodes have patented hydrogel technology for multiple application to the skin. There are 2 electrodes in a resealable plastic pack, and the recommended use is up to 20 times per electrode. This is dependent on skin type and usage. The electrodes ensure an even distribution of the electrical pulse to the skin beneath the electrodes.

## Easy snap-on magnet connection



The 2 TENS units are easily connected to the self-adhesive electrodes by a magnet. You first apply the self-adhesive electrodes to your body and then just snap-on the TENS units via the magnet connection. TENS units come with an USB adaptor and when fully charged can last for up to 8 hours of continuous pain therapy.

## **USB**/power adapter

Keep your PulseRelief charged via USB or standard power adapter at home or at work. After the battery is fully charged PulseRelief can be used for up to 8 hours.

## Is PulseRelief for me?

PulseRelief is designed to be used for temporary relief of pain associated with sore and aching muscles in the shoulder, waist, back, neck, upper extremities (arm), and lower extremities (leg) due to strain from exercise or normal household work activities.

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## Specifications

#### **Software**

- Android compatibility: 4.4 KitKat up to 7
- iPad<sup>®</sup> compatibility: Version iOS7 up to iOS10, iPad<sup>®</sup> 3rd gen, iPad Air™, iPad mini™ and newer
- $\bullet$  iPhone  $^{\! (\! g \!)}$  compatibility: Version iOS7 up to iOS10, iPhone  $^{\! (\! g \!)}$  4S and newer
- iPod® compatibility: Version iOS7 up to iOS10, iPod touch® 5th gen and newer

#### **Power**

- Adaptor type: 100 240V AC, 50/60Hz
- AC/DC Adaptor: 5V 300mA
- Battery type: Li-lon (rechargeable)

## Weight and dimensions

- Weight TENS: 62 g
- Dimensions TENS (L  $\times$  W  $\times$  H): 53.5  $\times$  53.5  $\times$  11.5 (each unit excl electrodes) mm

#### Operating conditions

- Atmospheric pressure: 700 hPa to 1060 hPa
- Relative humidity: 15 % to 93 %
- Temperature range: +5 °C to +40 °C

## Pulse output parameters

- Frequency range: 1 100 Hz
- Current output: Max 60mA
- Maximum output voltage: 60 V
- · Current pulse shape: Biphase symmetrical



Issue date 2023-05-06

Version: 2.2.1

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EAN: 00 75020 05177 6

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