

# Wireless Professional



**WIRELESS PROFESSIONAL** is today's most advanced electrotherapy device, offering enhanced ease-of-use and convenience while saving space and time to optimize patient treatment. By introducing Wireless technology, it offers a new way of stimulation without constraints allowing you to simplify the use of electrostimulation in your practice and to independently manage several sessions simultaneously (Multi-sessions™).

**WIRELESS PROFESSIONAL 2CH STANDARD** is a wireless 2 channel stimulator developed for Physiotherapists and Rehab Clinics requesting a standard (TENS/NMES) wireless option of electro stimulation. Delivered with 2 modules, 1 remote and a basic docking station, it allows managing standard Pain, Vascular disease and muscle stimulation and fits to the main requirements of professionals looking for simplified electrotherapy devices. Standard programme configuration – 2CH.

**WIRELESS PROFESSIONAL 4CH STANDARD** is a wireless 4 channels stimulator developed to treat standard indications of electrotherapy (Pain & Standard Rehab and Vascular) with 4 Channels, 2 remotes and a Professional Smart Docking Station allowing the professional to manage several session simultaneously: Multi-sessions™ concept. Standard programme configuration – 4CH – Multi-Sessions™.

**WIRELESS PROFESSIONAL 4CH FULL** is a 4 channel stimulator developed to manage the main indications of Electrotherapy: Standard (TENS/NMES) and Full (Neurology, ACL). The benefits of wireless freedom and Trigger function provides the ability to manage new kinds of sessions where voluntary contractions are required or when the Physiotherapist wants to control stimulation manually. Delivered with 2 remotes and a Smart Docking Station to manage several sessions simultaneously (Multi-Sessions™). Full programme configuration – 4 CH – Multi-Sessions™.

## Features

### • WIRELESS Technology

Remove constraints for you and your patient. Gives your patient a total freedom of movement facilitating patient manipulations and allowing you to combine active exercise with electro stimulation for a better result.

### • Multi-Sessions™ Concept

Offered by Wireless Professional 4CH STD and FULL only, the devices are delivered with 4 modules, 2 remotes and a smart docking station allowing to synchronize modules and remotes to independently manage several sessions simultaneously.

Additional remotes/modules in option.

### • Remote Control

Design adapted to professional use with a silicon keypad which acts as a safeguard against water and gel penetration, and offers better ergonomic conditions in terms of keyboard use and buttons.

### • Muscle Intelligence™ Technology

**4 functions are available on every module.**

- Mi-Scan – customize the stimulation according to the physiology for a better comfort and efficiency
- Mi-Tens – work efficiently just behind the threshold for TENS programme
- Mi-Range – work efficiently in the range of intensity required for low frequency programmes
- Mi-Action – Active session with a voluntary contraction detected by the device to start stimulation

### • Trigger Function

Starts voluntary working phase when requested in protocols (Hemiplegic foot, spasticity...)

### • + TENS Function

Select one programme and add TENS on other channels. This allows treatment of two different body parts, two patients at the same time or combines TENS and NMES when this kind of stimulation is required.

### • Skip

Manages the session time and moves directly in the next phase (recovery) when needed.

### • Motor Point Pen

Included in the sets. This very useful tool in combination with the dedicated programme helps ensuring the optimal electrode placement.

### • Pause Mode

Pauses the ongoing stimulation when electrodes need to be repositioned.

### • Software

Create your patient and history list, create customized stimulation programmes.

### • Autonomy And Speed Recharge

Daily use autonomy and with the docking station, a full cycle of recharging will take a maximum of 1.5 hours.

### • Knowledge Inside

Electrode placements, programme parameters and programme explanation directly available in the remote control.

### • Warranty

The warranty is 3 years from date of purchase on.

# Programme Configuration

## Standard Configuration – WIRELESS PROFESSIONAL 2 AND 4 CH STANDARD

REHABILITATION I	PAIN RELIEF I	VASCULAR	CONDITIONING I
Disuse Atrophy	Tens 100Hz Gate Control	Venous Insufficiency 1	Resistance
Prevention of Disuse Atrophy.	Frequency Modulated Tens	Venous Insufficiency 2	Strength
Reinforcement	Endorphinic	Arterial Insufficiency 1	Active Recovery
Muscle Lesion	Decontraction	Arterial Insufficiency 2	
Motor Point	Pulse Width Modulated Tens	Capillarization	
	Burst	Heavy Legs	
	Burst/Tens Alternated	Cramp Prevention	

## Additional Programmes full Configuration - WIRELESS PROFESSIONAL 4CH FULL

REHABILITATION II	NEUROLOGIC REHABILITATION	PAIN RELIEF II	CONDITIONING II
Hip Prosthesis	Spasticity	Tens 80Hz	Muscle Building
Patellofemoral Syndrome	Hemiplegic Foot	Knee Pain	Potentiation
ACL	Hemiplegic Shoulder	Fracture Pain	Endurance
Rotator Cuff	Slow Start Neuro Rehab.	Trapezius Pain	Explosive Strength
Lumbar Stabilization		Shoulder Pain	Hypertrophy
Cardiac Rehabilitation		Cervical Pain	Low Back Reinforcement
Atrophy 1/1 4 Channels		Thoracic Back Pain	Recovery Plus
Reinforcement 1/1 4 Channels		Low Back Pain	Toning Massage
Atrophy Modulated Freq.		Lumbosciatica	Relaxing Massage
Reinforcement Modulated Freq.		Lumbago	Antistress Massage
Hemophilia Atrophy		Epicondylitis	Core Stabilization
Hemophilia Reinforcement		Torticollis	Plyometry
		Arthralgia	

## Available Languages

EN (English), FR (French), IT (Italian), NL (Dutch), DE (German), ES (Spanish),  
 PT (Portuguese), TR (Turkish), GR (Greek - Manual only), SE (Swedish), DA (Danish),  
 NO (Norwegian), FI (Finnish), RU (Russian), PL (Polish - Manual only) , CZ (Czech)



# Wireless Professional

## Technical Specifications

**MDD:** Class IIa

**Applied part:** Type BF

Comply with safety tests: IEC 60601-1, IEC 60601-1-2, IEC 60601-2-10

### Power supplies:

**Remote Control battery:** Lithium polymer (LiPo) rechargeable 3.7[V] /  $\geq$  1500[mAh].

**Module batteries:** Lithium polymer (LiPo) rechargeable 3.7[V] /  $\geq$  450[mAh].

**Tablet AC Adaptor:** Only 5 [V] / 3.5 [A] adapters with the reference number 6490xx can be used to recharge the Wireless Professional.

**Battery life:** Battery life of Remote control and Module batteries: approx. 5 years, cannot be replaced by the user!

### Neurostimulation programmes :

**Channels:** Four independent and individually adjustable channels

**Pulse shape:** Constant rectangular current with pulse compensation

**Maximum pulse intensity:** 120 mA.

**Pulse intensity increments:** Manual adjustment of stimulation intensity from 0 to 999 (energy) in minimum increments of 0.25 mA.

**Pulse width:** 30 to 400  $\mu$ s.

**Maximum electrical charge per pulse:** 96 micro coulombs (2  $\times$  48  $\mu$ C, compensated)

**Standard pulse ramp-up time:** 3  $\mu$ s (20 %-80 % of maximum current)

**Pulse frequency:** 1 to 150 Hz.

**Pulse frequency:** 100 Hz

**Dimensions:** Remote control: 105 x 66 x 19 mm

**Module:** 55 x 16 mm

**Docking station:** 265 x 240 x 200 mm

**Weight: Remote control:** 116 g incl. battery

**Module:** 62 g incl. battery

**Docking station 4CH:** 2.4 kg

**Docking station 2CH:** 650g

## Order Information



### WIRELESS PROFESSIONAL 4CH FULL

2532119	Set Chattanooga WPRO FULL- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ PLUG EU
2532981	Set Chattanooga WPRO FULL- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS
2532982	Set Chattanooga WPRO FULL- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532981
2532118	Set Chattanooga WPRO FULL- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532981
2532994	SET CHATTANOOGA WPRO FULL- LP3 EN-DA-SV-NO-FI-RU PLUG EU

### WIRELESS PROFESSIONAL 4CH STANDARD

2532117	Set Chattanooga WPRO STD- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU
2532961	Set Chattanooga WPRO STD- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS
2532962	Set Chattanooga WPRO STD- LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS = 2532961
2532974	Set Chattanooga WPRO STD- LP3 EN-DA-SV-NO-FI-RU Plug EU



### WIRELESS PROFESSIONAL 2CH STANDARD

2532660	Set Chattanooga WPRO STD2CH-LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU
2532682	Set Chattanooga WPRO STD2CH-LP1 EN-FR-SP-IT-DE-NL-PT-TU-CZ Plug EU UK US AUS
2532686	Set Chattanooga WPRO STD2CH- LP3 EN-DA-SV-NO-FI-RU Plug EU

# Product Sets

**Model:** Wireless Professional 2CH Standard

**Part number:** 25326xx

**Your kit contains (included in delivery):**

Quantity	Description	Part number
1	Remote control	00113X
1	Fast charger	683010
2	Stimulation modules	984350
1	Basic 2 ch docking station	101091
1	AC adaptor	108X
1	USB cable	601163
1	Bag of small electrodes (5x5 cm 1 snap connection)	42204
1	1 Bag of large electrodes (5x10 cm 1 snap connection)	42223
1	1 Bag of large electrodes (5x10 cm 2 snap connections)	42203
1	User manual and practical guide on CD/USB	13-8870
1	Quick start guide/warning leaflet	885932
1	Bottle of gel	602047
1	Motor point pen	980020
1	Transportation pouch	680085
1	Lanyard	1494
1	White protection sleeve	5529024
1	Set of colored module clips	5529220



**Model:** Wireless Professional 4CH Standard and Full

**Part number:** 2532xxx

**Your kit contains (included in delivery):**

Quantity	Description	Part number
2	Remote control	00113X
4	Stimulation modules	984350
1	Smart 4 ch docking station	6831XX
1	AC adaptor	6490XX
1	USB cable	601163
2	Bags of small electrodes (5x5 cm 1 snap connection)	42204
2	Bags of large electrodes (5x10 cm 1 snap connection)	42223
2	Bags of large electrodes (5x10 cm 2 snap connections)	42203
1	User manual and practical guide on CD/USB	13-8870
1	Quick start guide/warning leaflet	885932
1	Bottle of gel	602047
1	Motor point pen	980020
1	Carrying case	680041
2	Lanyards	1494
1	White protection sleeve	5529024
1	Blue protection sleeve	5528535
1	Set of colored module clips	5529220

