

coMra δ elta

**COMRA DELTA DEVICE
QUICK START GUIDE**



ENG, REV 1.1

Thank you for your purchase of the coMra Delta
– A safe, non-toxic and non-invasive solution to
serious pain, chronic illness and cellular regeneration.

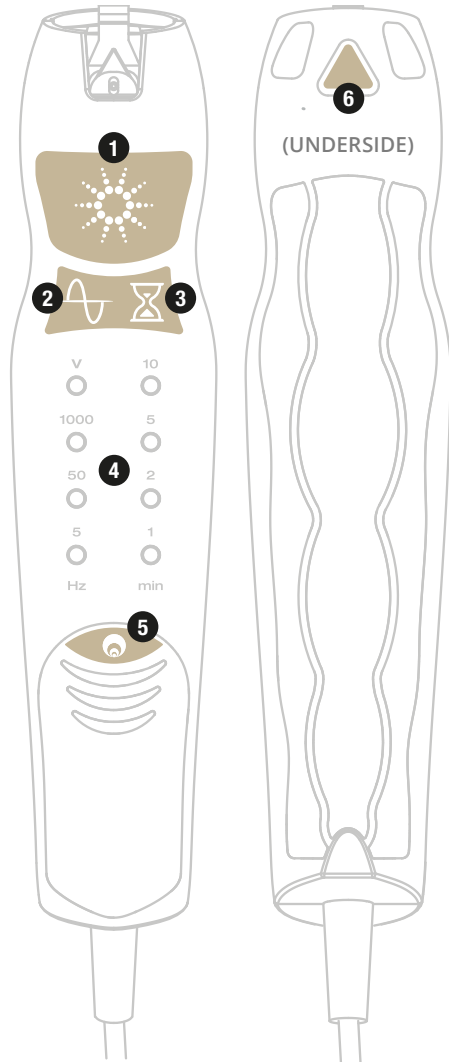
This **quick start guide** contains everything you need
to get started using your device.

Our comprehensive **coMra user guide** contains
detailed instructions for treating over 200 conditions,
and can be found on the USB flash drive that came
with your coMra Delta set, or as a free download on
our website: ***comra-therapy.com/downloads***

We wish you health and happiness on your
coMra journey!

STEP 1: GET FAMILIAR WITH THE LAYOUT AND TECHNICAL SPECIFICATIONS OF YOUR COMRA DELTA DEVICE

Hand Device



Laser Class: IIa
Software version: 3.0
CE certification: 1023

- 1 Start button
- 2 Frequency select button
- 3 Time select button
- 4 Display area LEDs
- 5 Ultrasound on/off button
- 6 Terminal eject button

Power

Input: 5V --- 500 mA
High power USB port compatible

Electrical and operating Requirements

Line voltage: 100V to 240V AC
Frequency: 50Hz to 60Hz
Operating temp: -5° to 50° C

Size and weight

Size: 151.5 x 51.5 x 34.5 mm
USB cable length: 195 cm
Weight: 80



Medical Terminal

- 1 **Infrared laser** Wavelength: 980nm or 905nm / Optical Power (max): 10mW
- 2 **Ultrasound** Frequency: 40kHz / Pressure Level (max): 0dB at contact, -30dB at 30cm
- 3 **Colour LEDs** Wavelength: Red 650 nm, Indigo Violet 420 nm, Yellow/Green 570 nm
Intensity: Red 300 mcd, Indigo Violet 240 mcd, Yellow/Green 240 mcd
- 4 **Magnets** – Strength (max): 100 mT

Aesthetic Terminal

- 1 **Infrared laser** Wavelength: 980nm or 905nm, Optical Power (max): 10mW
- 2 **Ultrasound** Frequency: 40kHz
Pressure Level (max): 0dB at contact, -30dB at 30cm
- 3 **Colour LEDs** Wavelength: Red 650 nm, Indigo Violet 420 nm, Yellow/Green 570 nm
Intensity: Red 300 mcd, Indigo Violet 240 mcd, Yellow/Green 240 mcd
- 4 **Magnets** – Strength (max): 100 mT

Probe Terminal

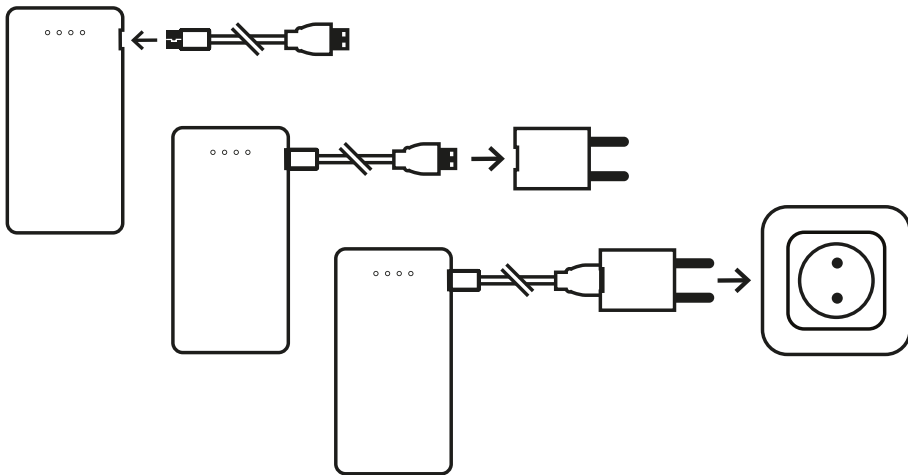
- 1 **Infrared laser** Wavelength: 980nm or 905nm, Optical Power (max): 10mW
- 3 **Colour LEDs** Wavelength: Red 650 nm, Indigo Violet 420 nm, Yellow/Green 570 nm
Intensity: Red 300 mcd, Indigo Violet 240 mcd, Yellow/Green 240 mcd
- 4 **Magnets** – Strength (max): 100 mT
- 5 **Sheaths** – Strength (max): 100 mT

STEP 2: CHARGE THE DELTA POWER BANK

The included Delta Power Bank is shipped with a storage charge only. ⚠️ **You must fully charge the Delta Power Bank before first use.**

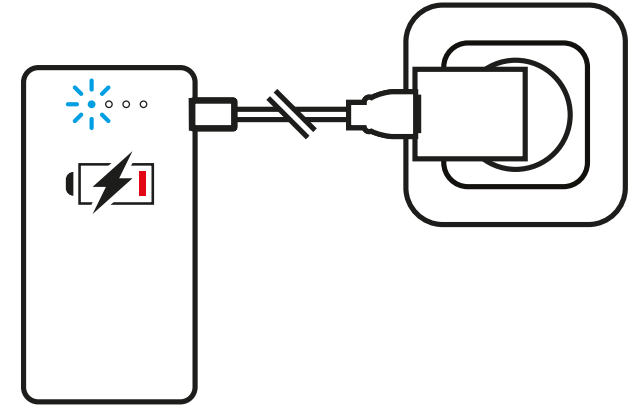
To charge the Delta Power Bank plug the micro end of the USB cable into the micro USB port at the side of your Delta Power Bank, and the other end into any powered USB port (computer, laptop, etc.), or a mains electrical socket (using a suitable adaptor).

You need a minimum output of 5V 1A to charge the Delta Power Bank.



Once plugged into a power outlet, the four blue indicating lights will power-up within a few seconds.

The lights flash on/off to indicate the Delta Power Bank is charging.

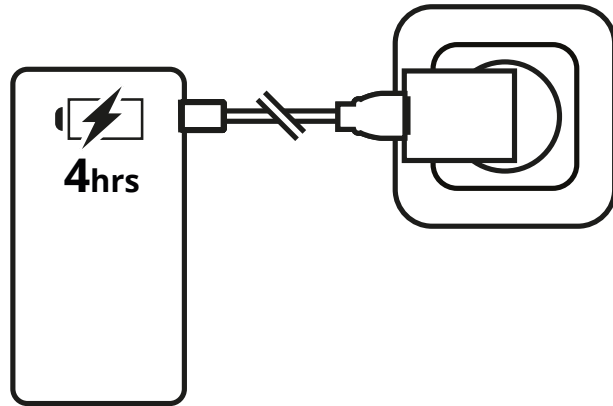


It will take up to 4-5 hours to fully charge your Delta Power Bank. See the chart below for the indication reference:

● ● ● ●	75% – 100%
● ● ● ○	50% – 75%
● ● ○ ○	25% – 50%
● ○ ○ ○	5% – 25%
○ ○ ○ ○	Off

⚠️ **The Delta Power Bank must charge for no less than four hours, uninterrupted, before first use.**

After you have completed the initial four hour charge the Delta Power Bank is ready for operation.

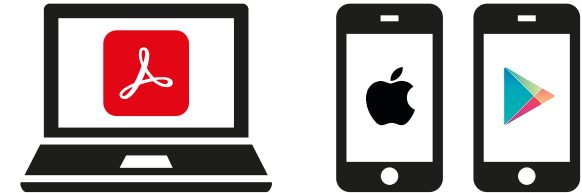


⚠ Failure to do this initial charge may reduce the Delta Power Bank battery life.

STEP 3: GET YOUR COMRA USER GUIDE READY

Every coMra Delta set includes a USB flash drive containing a printable PDF version of the **coMra user guide**, with detailed instructions for treating over 200 conditions.

However, we recommend that you check for the latest version of the **coMra user guide** here:



<https://comra-therapy.com/downloads>

You can also download the **coMra user guide** as a fully searchable and easy to use mobile app for Apple iOS and Android.

Alternatively, you can browse the **coMra user guide web app** here:



<https://ug.comra-therapy.com>

STEP 4: POWER-UP YOUR COMRA DELTA DEVICE

ⓘ Please read the 'IMPORTANT' information in the coMra user guide, before using your coMra Delta device for the first time.

Once you have downloaded the coMra user guide to your smart phone, tablet or computer, follow the instructions on the app (or search the index on the PDF version) to select a treatment protocol.

What are we treating today?

🔍 Enter dis-ease, condition or keyword

Alternatively, select from the options below:

FOREWORD

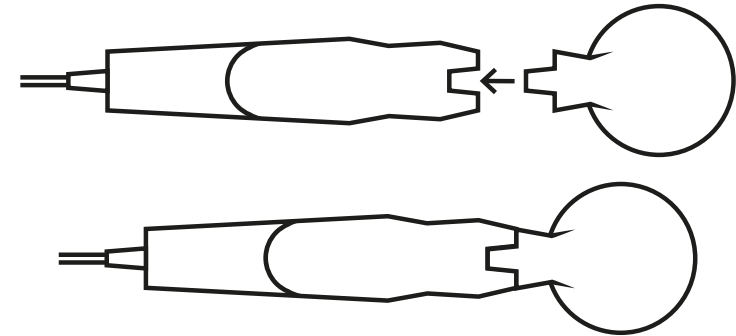
ⓘ **BEFORE YOU START**

OPERATING INSTRUCTIONS

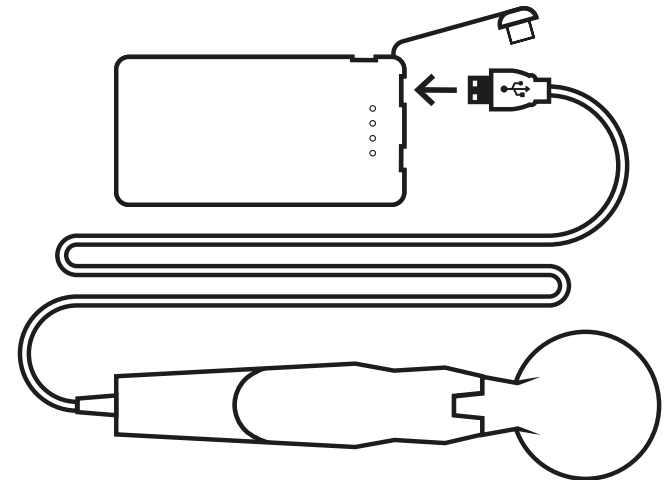
TREATMENTS

Using the coMra Delta from the Delta Power Bank

First insert a Terminal into the Hand Device.

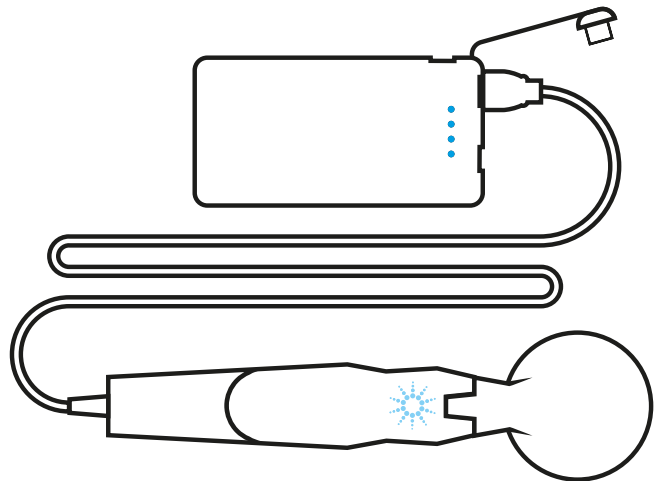


Open the dust cover on top of the Delta Power Bank, and plug the Hand Device USB power cord into the Delta Power Bank's USB port.



Once plugged in the indicating lights on the Delta

Power Bank will activate, and the Start ☼ button on the Hand Device will come on at half-power. The device is now in *Standby Mode*.

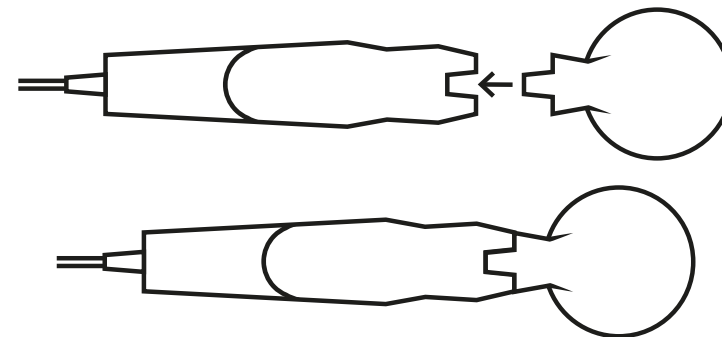


⚠ After 30 seconds of inactivity, the Delta Power Bank will switch off automatically. If this happens, unplug the Hand Device from the Delta Power Bank, wait 5 seconds, and then plug it back in to operate your coMra Delta device. If you try to plug the Hand Device into the Delta Power Bank before the 5 second reset pause, the indicating lights will not activate and the Delta Power Bank will not power-up the coMra Delta device.

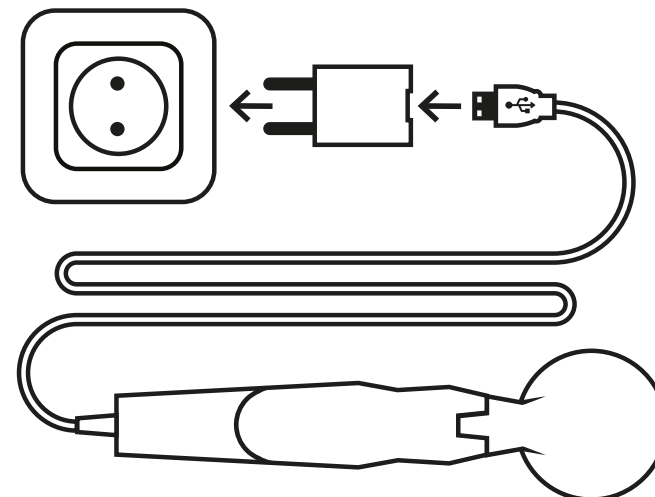
Note: In place of the Delta Power Bank, you can use any other power bank/battery with a suitable output.


Using the coMra Delta from a mains outlet

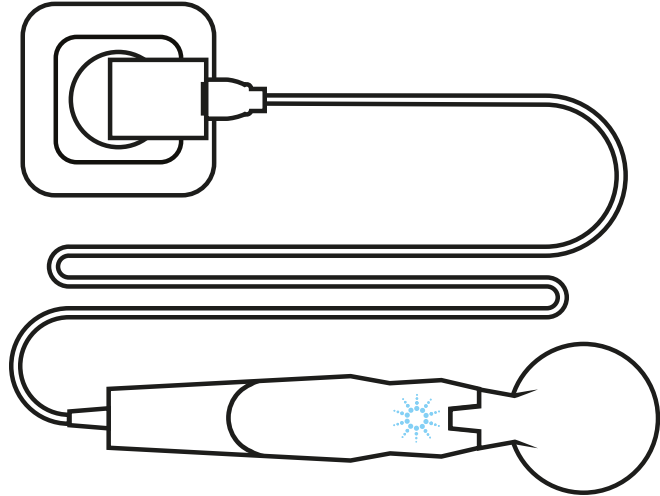
First, insert a Terminal into the Hand Device.




Then plug the USB end of the cable into the included electrical adaptor and plug into a mains electrical socket.

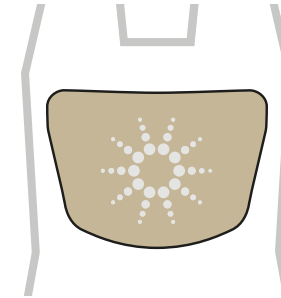





Once plugged in, the Start  button on the Hand Device will come on at half-power. The device is now in *Standby Mode*.

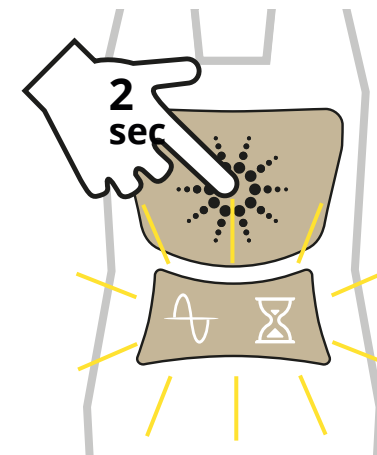


STEP 5: APPLY YOUR CHOSEN PROTOCOL

When first plugged in only the Start  button light will come on at half-power to show that your device is in *Standby Mode*.

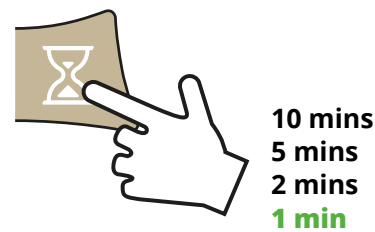
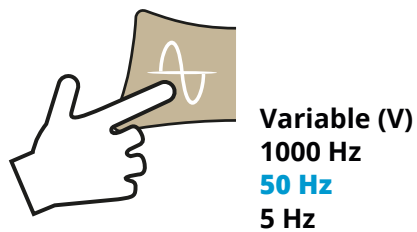


When the Start  button is pressed and held for two seconds, the device will power-up into *Normal Ready State*. The lights on the Frequency  and Time  button will activate.

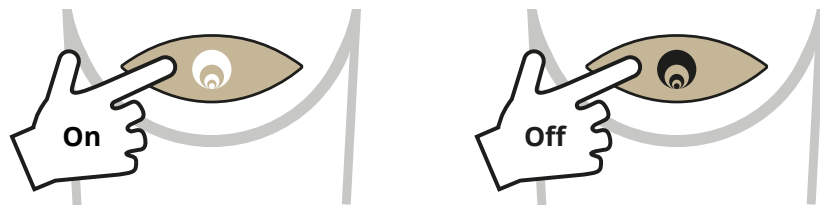


Consult the **coMra user guide** for the correct frequency and time selection of your chosen protocol. Click down on the left side of the hinged button to cycle through Frequency A , and on the right side to cycle through Time H .

PROTOCOL POINT	H mins	A Hz
1 Top of sternum	1	50



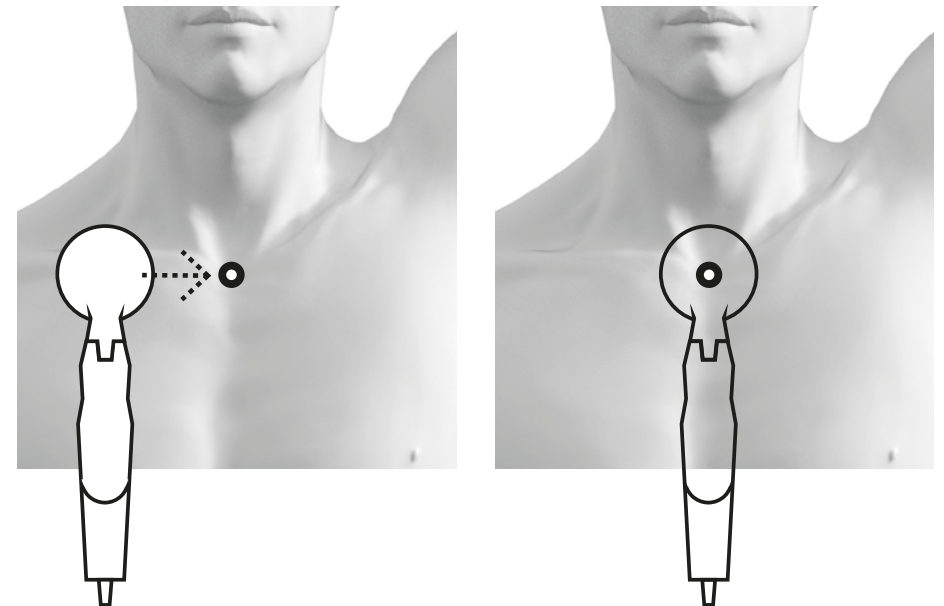
If the treatment protocol requires you to use ultrasound, click on the Ultrasound U button to switch on/off respectively.



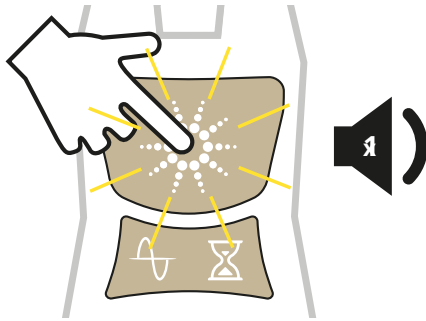
Note: Ultrasound is available only on the Medical and Aesthetic Terminals of the coMra Delta series devices.



⚠ For information about using the ultrasound option on your coMra Delta device, please read 'General notes' in the, 'Before You Start' section of the coMra user guide.

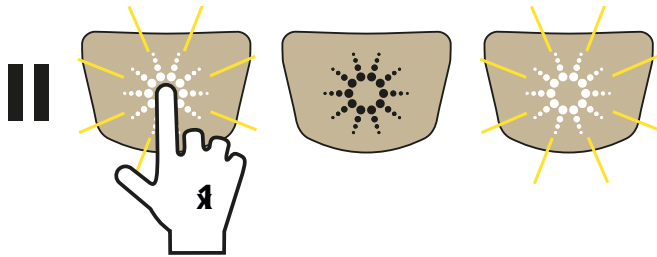
When you are ready to start the protocol, place the Terminal of your coMra Delta device over the protocol point, using the middle of the Terminal as the centre point. The Terminal must be in direct contact with the surface of the skin.




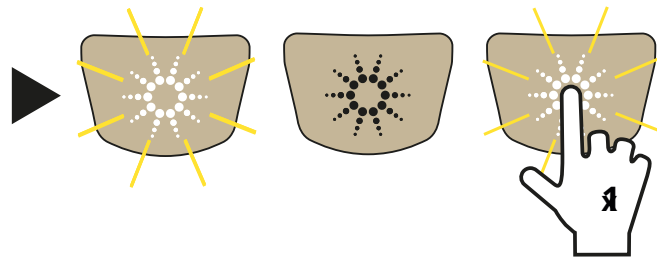
Press the Start S button to begin the program. The sounder will beep and the Start S button will light up and pulsate, indicating that the program is running.



If you need to pause the program for any reason, press the Start  button once. The Start  button will flash on/off to indicate the program has paused.




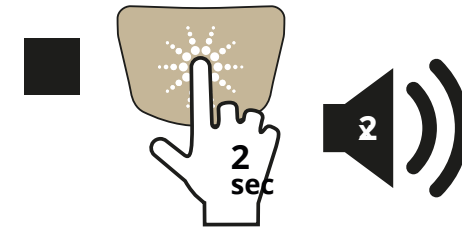
To continue on from pause, press the Start  button once again.



When the selected time ends, two beeps will sound indicating the end of the program.

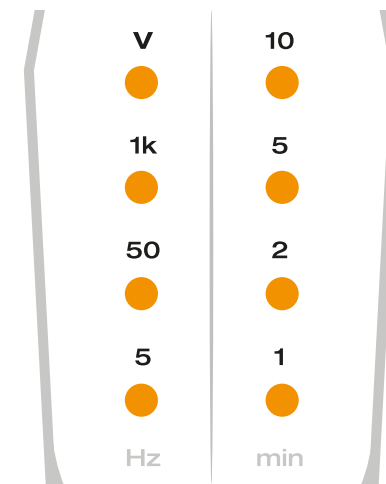
Repeat the process for all the points on the protocol.

To stop the program while the program is running, press and hold the Start  button for two seconds. Two beeps will sound indicating the end of the program.




Frequency and Time display

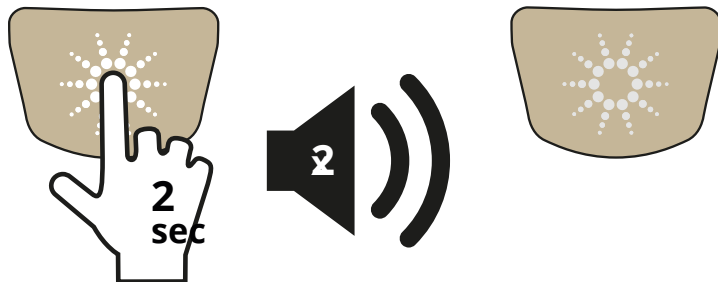
There are four indicating LEDs for the Frequency setting (hertz) and four indicating LEDs for the Time setting (minutes).



Once a program has started, the in-built timer will count-down and display the remaining minutes left for the program. When finished, two beeps will sound and the time indication will revert back to the selected start time.




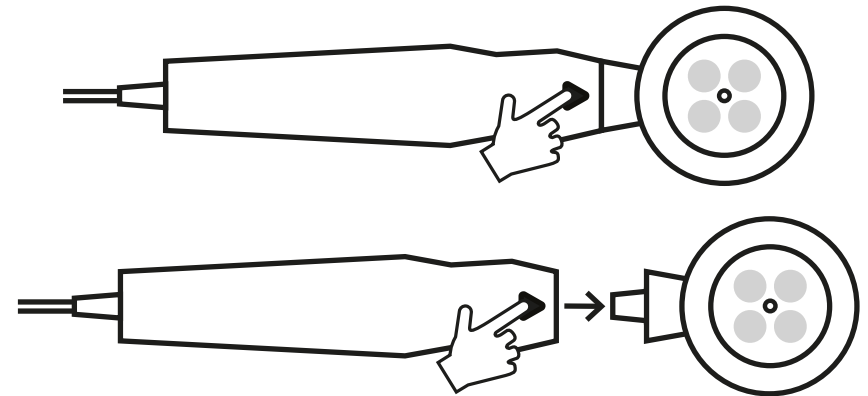
When you have completed your protocol, and finished using your coMra Delta device, press and hold the Start  button for two seconds. Two beeps will sound, and the light will power-down to half-power indicating that the coMra Delta is in **Standby Mode**.



STEP 7: CARE FOR YOUR COMRA DELTA DEVICE

Removing a Terminal from the Hand Device

Press and hold the Terminal eject button  located on the underside of the Hand device, and pull the Terminal out of the Hand device.



If you have a coMra Delta set, ensure to replace the Terminal and Hand Device back inside the included holdall to protect your investment.

Cleaning your coMra Delta device


Use a 3% solution of hydrogen peroxide or colloidal silver to disinfecting and clean your coMra Delta Hand Device and Terminals.

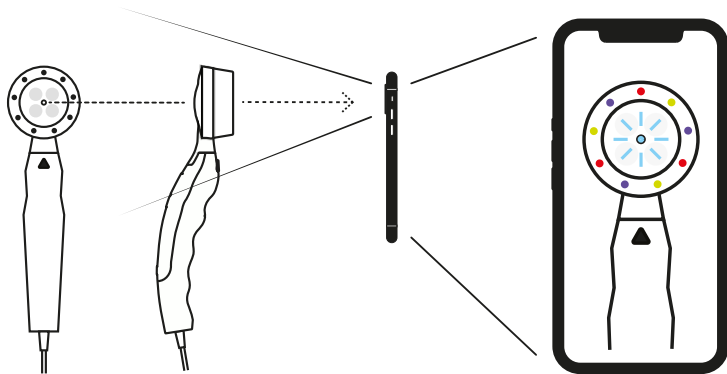
 Do not use alcohol for cleaning.

Periodically check the infrared laser

We recommend you follow this easy step to ensure the infrared laser in your Terminal/s work correctly.

You will need a digital camera such as those found on most mobile phones and laptops. **⚠ High quality DSLR cameras will NOT work for this procedure, because they are made with in-built infrared filters.**

With a Terminal attached to your Hand Device, select a 1 min (⌚) program on Variable (V) Frequency (A), point the infrared laser at the camera lens and press Start . **⚠ NEVER look directly into infrared lasers with the eyes!**



Your camera view screen should show the infrared light as visible, thus confirming correct operation.

Note: depending on the quality of your camera, it should be able to detect the three different pulse speeds of the Variable frequencies; 5 Hz, 50 Hz and 1000 Hz.

STEP 8: REGISTER YOUR COMRA DELTA DEVICE TO ACTIVATE YOUR 18 MONTH WARRANTY

By this warranty, Radiant Life Technologies® guarantees this product to be free from defects in design, material and workmanship at the time of its original purchase by a consumer and for a subsequent period of 18 months. This guarantee does not cover damage or defects caused by misuse or by failure to comply with the product's user guide.



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