Syncing the Remote Control and the ALEVE Direct Therapy Device

**Note:** Your remote control has been pre-synced to your ALEVE Direct Therapy Device prior to its first use. You may need to re-sync your remote control and ALEVE Direct Therapy device when you replace the battery in the remote control. This will ensure communication between your remote control and ALEVE Direct Therapy device. If your remote control and ALEVE Direct Therapy device ever lose communication, please repeat these syncing instructions.

1. Using the provided screwdriver, remove the back cover from the ALEVE Direct Therapy device.
2. Remove the clear plastic tab from the remote control.
3. On the remote control, press and hold the (+) and (-) buttons simultaneously until the LED appears solid green (~ 10 seconds).
4. Quickly insert the batteries into the ALEVE Direct Therapy device.
   **Note:** The LED on the remote control will flash several times indicating syncing is complete.
5. Replace the back cover on the device.
Introduction

Congratulations on your purchase of the ALEVE Direct Therapy device. ALEVE Direct Therapy is a unique wireless remote controlled pain relief device incorporating TENS technology to specifically target back pain. The thin and flexible design perfectly contours the back for maximum surface contact. The advanced electronics design maximizes energy use, providing over 120 30-minute treatment sessions per battery life.

This innovative device is safe, drug-free, easy to use, discreet and comfortable to wear, and most importantly allows you to control your pain to maintain an active lifestyle.

Indications for Use: For temporary relief of pain associated with sore and aching muscles in the lower back due to strain from exercise or normal household and work activities.

Safety

⚠️ CONTRAINdications

Do not use this device if you have a cardiac pacemaker, implanted defibrillator, or other implanted metallic or electronic device, or are connected to high frequency surgical equipment. Such use could cause electric shock, burns, electrical interference, or death. It may also damage the stimulator.

⚠️ WARNING!

- Do not allow children to swallow or ingest accessories or detachable parts (e.g., screwdriver, lithium coin battery, alkaline batteries).
- Do not use this device across or through your chest because the electrical currents introduced into the chest may cause rhythm disturbances to your heart, which may be lethal.
- Do not use this device if you are susceptible to rhythm disturbances to the heart unless under the direction of your physician.
- Do not use this device over your eyes, mouth, face, front of neck (especially in the carotid sinus), head, upper back, or across your heart because this could cause severe muscle spasms resulting in closure of your airway, difficulty in breathing, or adverse effects on heart rhythm or blood pressure.
- Consult with your physician before using this device if you are in the care of a physician.
- Consult with your physician before using this device if you have had medical or physical treatment for your pain.
- Stop using this device and consult your physician if your pain does not improve, becomes more than mild, or continues for more than five days.
- Do not use this device while driving, operating machinery, or during any activity in which electrical stimulation can put you at risk of injury.
- Do not use this device over open wounds or rashes, or over swollen, red, infected, or inflamed areas or skin eruptions (e.g., phlebitis, thrombophlebitis, varicose veins).
- Do not use this device over, or in proximity to, cancerous lesions.
- Do not use this device on children because it has not been evaluated for pediatric use.
- Do not use this device in the presence of electronic monitoring equipment (e.g., cardiac monitors, ECG alarms), which may not operate properly when the electrical stimulation device is in use.
- Do not use this device when in the bath, shower or other sources of moisture.
- Do not use this device while sleeping.
- Do not use this device on abnormal skin, or skin that is not intact, clean, or healthy.
- Do not operate in close proximity (e.g., 1 m) to shortwave or microwave therapy equipment as it may produce instability in the stimulator output.

⚠️ PRECAUTIONS

- DO NOT START stimulation of the device prior to application of the device to the back.
- Keep this device out of the reach of children.
- The safety of nerve stimulation has not been established during pregnancy; therefore do not use this device if you are pregnant, or suspect that you are pregnant, unless under the direction of your physician.
- This device should not be applied on or across your head or face since the effects of stimulation of the brain are unknown.
- This device is for symptomatic treatment and, as such, suppresses the sensation of pain that would otherwise serve as a protective mechanism.
- If you have suspected or diagnosed heart disease, you should follow precautions recommended by your physician.
- If you have suspected or diagnosed epilepsy, you should follow precautions recommended by your physician.
- Use this device with caution if you have a tendency to bleed internally, such as following an injury or fracture.
- Consult with your physician prior to using this device after a recent surgical procedure, because stimulation may disrupt the healing process.
- Do not use this device for pain of central origin, including headache.
- This device does not provide curative value.
- The long-term effects of nerve stimulation are unknown.
- You may experience skin irritation or hypersensitivity due to the electrical stimulation or adhesive medium (gel pads).
- Use this device with caution if stimulation is applied over the menstruating or pregnant uterus.
- Use this device with caution if stimulation is applied over areas of skin that lack normal sensation.
- Use this device only with the gel pads and accessories recommended by the manufacturer.
- Do not remove this device from your skin with the stimulation mode of operation activated.
- Do not place your finger, or any object, between or near your skin and the adhesive gel pads during stimulation treatment.
- This device is not to be used in the presence of flammable or anesthesia gases.
- Do not allow young children, pets, or pests contact with the device as alterations to the device may compromise product safety and/or performance.
- Handle the unit with care. Inappropriate handling of the unit may adversely affect its characteristics.

⚠️ ADVERSE REACTIONS

- Isolated cases of skin irritation or burns may occur due to electrical stimulation or adhesive medium (gel pads).
- Stop using the device and consult with your physician if you experience adverse reactions from use of this device.
ALEVE Direct Therapy device (1)

Remote control with (1) CR2032 battery (comes installed)
#0 Phillips head screwdriver (1)
AAA alkaline batteries (2)
Gel pads (pack of 1 pair) Hydrogel Gel Pad Component part # C4135

Features and Functions

1. Electrode Area: Surface where the gel pads are placed
2. On/Off Button: Press to turn the device On/Off
3. Start/Stop Button: Press to start or stop treatment
4. +/- Buttons: Press to increase or decrease stimulation intensity

Preparation for Use

Before using your ALEVE Direct Therapy you will need to apply the gel pads to the device and prepare the device for a treatment.

Applying the Gel Pads to the ALEVE Direct Therapy Device

The gel pads are intended for single person use. They will last, depending on skin type, oils, and pH levels, approximately two to five applications. Replace the gel pads when they no longer adhere completely. Follow these steps to apply the gel pads:

1. Separate two gel pads.
2. Remove the blue liner from the side being applied to the electrode area. Do not remove the green protective liner.
3. Align the shape of the first gel pad with the electrode area. Apply the gel pad onto the electrode area and firmly press across the entire surface to ensure good adhesion.
4. Repeat steps 1 – 3 for the second gel pad.

Skin Preparation

- Trim, not shave, excessive hair on the treatment area.
- Wash the skin and dry completely.
Treatment area should be void of oils and/or lotions.
Use

The ALEVE Direct Therapy exclusive, patent-pending 3-stage waveform incorporates both clinical theories of TENS to provide pain relief. The 30-minute stimulation treatment is delivered as follows:

**Stage 1:** 5 minutes of high frequency stimulation that initiates a feeling of pain relief by suppressing the transmission of pain signals in nerves. This stage provides a high sensory sensation and allows you to establish a comfortable intensity setting for the entire treatment.

**Stage 2:** 20 minutes of low frequency stimulation that initiates an increased endorphin release in the body to reduce the sensitivity to pain for an extended period of time following the 30-minute treatment. This stage provides a low sensory sensation often described as a gentle tapping sensation.

**Stage 3:** 5 minutes of high frequency stimulation, providing the same high sensory sensation experienced in Stage 1. This stage allows you to maintain the feeling of pain relief and complete the overall treatment with a comfortable high sensory sensation.

**Treatment Recommendations**

- You can leave the device in position for multiple treatments during the day. It will automatically turn off after two (2) hours of inactivity.
- It is recommended you wait a minimum of 30 minutes between treatments.

**Conducting a Treatment**

Always read the safety warnings before conducting a treatment. Follow these steps to conduct a treatment:

Do NOT activate stimulation of the device prior to application of the device to the back.

1. Remove the green liners from the gel pads by slowly peeling the liner diagonally from an inside corner to the opposite outside corner. **Important!** Avoid contact of the gel pad with other objects. Contact with other objects may affect the pads’ adhesion properties. Save the green liners for storage of the device.

2. Press, and hold, the **On/Off** button on the ALEVE Direct Therapy device for one (1) second. The LED will begin flashing indicating the device is ready for use. **Note:** The ALEVE Direct Therapy device must always be ON prior to application.

3. Align the center of the device over the spine and place the device on your back in the area of pain. If you cannot place the device properly, ask another person for assistance. **Important!** Do not apply the gel pads/electrodes directly over the spine.
4. Press the **Start/Stop** button on the remote control to begin the treatment. **Note:** The LED on the ALEVE Direct Therapy device will flash rapidly during treatment.

5. Press the (+/-) buttons to increase or decrease the intensity of the stimulation until it is at a comfortable level.

6. Press the **Start/Stop** button on the remote control to stop the treatment at any time. Treatment will automatically stop after 30 minutes. **Note:** If a treatment is stopped and restarted the treatment will restart at the first stage.

   Care should be taken to not inadvertently depress the ON/OFF button on the device when being worn. If the ON/OFF button is depressed during use, the treatment will stop.

### Removing the ALEVE Direct Therapy

**Important!** Do not remove the device until the treatment has stopped.

1. After treatment, or when you want to remove the device, grasp the edge of the device and gel pad to ensure the gel pad does not stay on the skin. Slowly peel the device away from the skin.

2. Align and place the green protective liners back on the gel pads. Ensure the pads are completely covered.

### Battery Replacement

When battery replacement is needed the LED will flash as follows:

<table>
<thead>
<tr>
<th>Item</th>
<th>Description</th>
<th>Battery</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALEVE Direct Therapy device</td>
<td>LED flashes yellow every two (2) seconds when the unit is On</td>
<td>(2) AAA alkaline batteries</td>
</tr>
<tr>
<td></td>
<td>LED flashes yellow rapidly during treatment</td>
<td></td>
</tr>
<tr>
<td>Remote Control</td>
<td>LED flashes yellow once when the Start/Stop button is pressed.</td>
<td>(1) CR2032 lithium battery</td>
</tr>
</tbody>
</table>

**Note:** Fully depleted batteries will have no flashing LED.

To replace the ALEVE Direct Therapy Device Batteries:

1. Using the included #0 Phillips head screwdriver remove the cover.

2. Remove the old batteries, and place the new batteries in the correct polarity.

3. Replace the battery compartment cover.

To replace the remote control battery:

1. Place the provided screwdriver, coin or flat tool in the groove on the side of the remote control. Turn the coin and lift the cover off.

2. Slide the old battery out, and slide a new CR2032 battery into the slot. **Note:** The (+) is facing upward.

3. Align the cover with the remote control base. Holding the handle portion of the remote control, snap the cover down into place.

**Note:** Consult your local authorities for proper disposal of batteries, device, and accessories.
Maintenance and Storage
• Use a damp cloth and mild soap to gently wipe clean after each use, when the device is soiled, or to remove buildup of gel-pad residue. Remove any soap residue from cleaning. Damage to the device and/or remote control will occur if submerged in water or other liquids. Aleva Direct Therapy is manufactured with water detection technology to detect exposure to water that may cause damage to the electronics and void the product warranty.
• The unit should be routinely checked before each use to determine all controls function normally.
• The device should be operated, transported and stored at temperatures between 50°F and 104°F (10°C and 40°C), with relative humidity between 30%-85%. All values have ±/-10% tolerance.
• Store the device, remote control and gel pads in the original packaging when not in use.
• Remove batteries before extended storage to reduce likelihood of battery corrosion or leakage.
• If the device is not working properly, stop using immediately. Do not disassemble or modify the device. Contact Bayer Customer Service at: Phone: 1-800-395-0689
• To purchase replacement gel pads for your ALEVE device, contact Bayer Customer Service at 1-800-395-0689 for a list of authorized retail stores.

Technical Specifications
Channels: Single channel
Waveform: Asymmetric biphasic square pulse
Pulse Amplitude: 0 – 110 mA = 0 – 55 volts, adjustable (at 500 ohm load)
Pulse Frequency: (Hz) 5-120

<table>
<thead>
<tr>
<th>Mode</th>
<th>Stage 1</th>
<th>Stage 2</th>
<th>Stage 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pulse Duration (sec) *Measured positive phase</td>
<td>120μs</td>
<td>240μs</td>
<td>120μs</td>
</tr>
<tr>
<td>Pulse repetition frequency (Hz)</td>
<td>80 to 120Hz (Variable)</td>
<td>5 to 10Hz (Variable)</td>
<td>80 to 120Hz (Variable)</td>
</tr>
<tr>
<td>Output voltage (V)</td>
<td>55V</td>
<td>55V</td>
<td>55V</td>
</tr>
<tr>
<td>Load Range that is valid for these parameters (Ω)</td>
<td>500Ω</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Effect of load impedance on these parameters
External load resistance can be up to 10kΩ. If this load resistance is exceeded, the nominal current flowing to the patient may be less than the set target stimulation current.

Timer Control: (mins) 30
Power Supply: Device: Two (2) AAA batteries (Internally Powered)
Remote Control: One (1) CR2032 lithium battery (Internally Powered)
Size (D x W x H): 0.7” x 7.5” x 3.5” (18 mm x 191 mm x 90 mm)
Weight (including battery): 4.8 oz (136 g)
The Aleva Direct Therapy use life is 120 uses based on battery life.
The expected service life for Aleva Direct Therapy is three years.
Shelf life of gel pads is two years (see “Use By” date printed on pouch).
Safety Standards: IEC 60601-1, IEC 60601-1-2, IEC 60601-1-11, IEC 60601-2-10
Made in Malaysia

Troubleshooting

<table>
<thead>
<tr>
<th>Event</th>
<th>LED Color</th>
<th>LED Sequence</th>
</tr>
</thead>
<tbody>
<tr>
<td>Low battery - device</td>
<td>Yellow</td>
<td>One (1) flash every two (2) seconds when the device is ON. Rapid flashing during the stimulation treatment.</td>
</tr>
<tr>
<td>Low battery - remote control</td>
<td>Yellow</td>
<td>One (1) flash every time the START/STOP button is pressed.</td>
</tr>
<tr>
<td>Device transition from OFF to ON</td>
<td>Green</td>
<td>One (1) flash every two (2) seconds.</td>
</tr>
<tr>
<td>Device transition from ON to OFF</td>
<td>None</td>
<td>Green flashing stops.</td>
</tr>
<tr>
<td>Device transition from ON to START STIMULATION mode</td>
<td>Green</td>
<td>Rapid flashing during treatment.</td>
</tr>
<tr>
<td>On remote control, press of START/STOP TREATMENT button to either START or STOP treatment</td>
<td>Green</td>
<td>One (1) flash when START/STOP button is pressed.</td>
</tr>
<tr>
<td>Device at maximum intensity and + button pressed on remote</td>
<td>Green</td>
<td>Two (2) flashes each time button is pressed.</td>
</tr>
<tr>
<td>Remote control communication error</td>
<td>Green/Yellow</td>
<td>One (1) Green flash, followed by two (2) Yellow flashes</td>
</tr>
</tbody>
</table>
Manufacturer’s Warranty

Bayer HealthCare warrants the original purchaser that the Alveo Direct Therapy Device is free from defects in materials and workmanship for one year from the date of original purchase, except as noted below. During the stated one-year period, Bayer HealthCare shall, at no charge, replace a unit found to be defective with an equivalent or current version of the owner’s model. For warranty service, contact Consumer Relations at 1-800-355-6688.

Limitations of Warranty

This warranty is limited to replacement due to defects in parts or workmanship. Bayer HealthCare shall not be required to replace any Product which malfunction or has been damaged due to abuse, accidents, alteration, misuse, neglect, maintenance by someone other than Bayer HealthCare, or failure to operate the instrument in accordance with instructions. Bayer HealthCare assumes no liability for malfunction or damages to the Products caused by the use of and makes no warranty of the performance of the products when used with gel packs other than Alveo Direct Therapy Replacement Gel Pads manufactured or recommended by Bayer HealthCare. Bayer HealthCare reserves the right to make changes in design of the Product without obligation to incorporate such changes into previously manufactured products. BAYER HEALTHCARE MAKES NO OTHER EXPRESS WARRANTY FOR THIS PRODUCT. THE OPTION OF REPLACEMENT, DESCRIBED ABOVE, IS BAYER HEALTHCARE’S ONLY OBLIGATIONS UNDER THIS WARRANTY.

In no event shall Bayer be liable for indirect, special, or consequential damages, even if Bayer Healthcare has been advised of the possibility of such damages. Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from state to state.

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**Guidance and manufacturer’s declaration – electromagnetic emissions**

The ALEVE Direct Therapy is intended for use in the electromagnetic environment specified below. The customer or the user of the ALEVE Direct Therapy should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Emissions test</th>
<th>Compliance</th>
<th>Electromagnetic environment – guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>RF emissions</td>
<td>Group 1</td>
<td>The ALEVE Direct Therapy uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.</td>
</tr>
<tr>
<td>CSPR 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>RF emissions</td>
<td>Class B</td>
<td>The ALEVE Direct Therapy is suitable for use in all establishments including domestic and those directly connected to the public low-voltage power supply network that supplies buildings used for domestic purposes.</td>
</tr>
<tr>
<td>CSPR 11</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Harmonic</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>emissions IEC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61000-3-2</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Voltage</td>
<td>Not applicable</td>
<td></td>
</tr>
<tr>
<td>fluctuations /</td>
<td></td>
<td></td>
</tr>
<tr>
<td>flicker emissions IEC</td>
<td></td>
<td></td>
</tr>
<tr>
<td>61000-3-3</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Guidance and manufacturer’s declaration – electromagnetic immunity**

The ALEVE Direct Therapy is intended for use in the electromagnetic environment specified below. The customer or the user of the ALEVE Direct Therapy should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity test</th>
<th>IEC 60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment – guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electrostatic</td>
<td>±6 kV contact</td>
<td>±6 kV contact</td>
<td>Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 50%</td>
</tr>
<tr>
<td>discharge (ESD) IEC 61000-4-2</td>
<td>±6 kV air</td>
<td>±6 kV air</td>
<td></td>
</tr>
<tr>
<td>Electrical</td>
<td>±2 kV for power supply lines</td>
<td>±2 kV for power supply lines</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>fast transient/burst</td>
<td>±1 kV for input/output lines</td>
<td>±1 kV for input/output lines</td>
<td></td>
</tr>
<tr>
<td>IEC 61000-4-4</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Surge</td>
<td>±1 kV differential mode</td>
<td>±1 kV differential mode</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td>IEC 61000-4-5</td>
<td>±2 kV common mode</td>
<td>±2 kV common mode</td>
<td></td>
</tr>
<tr>
<td>Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11</td>
<td>±5 % U₀ (≥5% dip in U₀) for 0.5 cycle</td>
<td>±5 % U₀ (≥5% dip in U₀) for 0.5 cycle</td>
<td>Mains power quality should be that of a typical commercial or hospital environment.</td>
</tr>
<tr>
<td></td>
<td>40% U₀ (90% dip in U₀) for 5 cycles</td>
<td>40% U₀ (90% dip in U₀) for 5 cycles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>70% U₀ (30% dip in U₀) for 25 cycles</td>
<td>70% U₀ (30% dip in U₀) for 25 cycles</td>
<td></td>
</tr>
<tr>
<td></td>
<td>±5 % U₀ (≥5% dip in U₀) for 5 sec</td>
<td>±5 % U₀ (≥5% dip in U₀) for 5 sec</td>
<td></td>
</tr>
</tbody>
</table>
| Power frequency (50/60 Hz), magnetic field IEC 61000-4-8 | 3 A/m | 3 A/m | Power frequency magnetic fields should be at levels characteristic of a typical location in a typical commercial or hospital environment.

**NOTE**: U₀ is the a.c. mains voltage prior to application of the test level.
Guidance and manufacturer's declaration – electromagnetic immunity

The ALEVE Direct Therapy is intended for use in the electromagnetic environment specified below. The customer or the user of the ALEVE Direct Therapy should assure that it is used in such an environment.

<table>
<thead>
<tr>
<th>Immunity test</th>
<th>IEC 60601 test level</th>
<th>Compliance level</th>
<th>Electromagnetic environment – guidance</th>
</tr>
</thead>
<tbody>
<tr>
<td>Conducted RF</td>
<td>IEC 61000-4-6</td>
<td>3 V/m</td>
<td>Portable and mobile RF communications equipment should be used no closer to any part of the ALEVE Direct Therapy, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter.</td>
</tr>
<tr>
<td></td>
<td>150 kHz to 80 MHz</td>
<td>3 V/m</td>
<td>Recommended separation distance</td>
</tr>
<tr>
<td>Radiated RF</td>
<td>IEC 61000-4-3</td>
<td>3 V/m</td>
<td>$d = 1.17\sqrt{P}$</td>
</tr>
<tr>
<td></td>
<td>80 MHz to 2.5 GHz</td>
<td>3 V/m</td>
<td>150 kHz to 80 MHz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$d = 1.17\sqrt{P}$</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>80 MHz to 800 MHz</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>$d = 2.33\sqrt{P}$</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>800 MHz to 2.5 GHz</td>
</tr>
</tbody>
</table>

where $P$ is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and $d$ is the recommended separation distance in metres (m).

Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey, should be less than the compliance level in each frequency range. a

Interference may occur in the vicinity of equipment marked with the following symbol:

![Interference symbol](image)

NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

* Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the ALEVE Direct Therapy is used exceeds the applicable RF compliance level above, the ALEVE Direct Therapy should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the ALEVE Direct Therapy.

* Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

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Recommended separation distances between portable and mobile RF communications equipment and the ALEVE Direct Therapy

The ALEVE Direct Therapy is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the ALEVE Direct Therapy can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the ALEVE Direct Therapy as recommended below, according to the maximum output power of the communications equipment.

<table>
<thead>
<tr>
<th>Rated maximum output power of transmitter (W)</th>
<th>Separation distance according to frequency of transmitter (m)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>150 kHz to 80 MHz</td>
</tr>
<tr>
<td>0.01</td>
<td>0.12</td>
</tr>
<tr>
<td>0.1</td>
<td>0.37</td>
</tr>
<tr>
<td>1</td>
<td>1.17</td>
</tr>
<tr>
<td>10</td>
<td>3.70</td>
</tr>
<tr>
<td>100</td>
<td>11.70</td>
</tr>
</tbody>
</table>

For transmitters rated at a maximum output power not listed above, the recommended separation distance $d$ in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where $P$ is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.