The purpose of this guide is to assist you in correctly operating your LG TEC Elite™ unit. This device should only be used under the continued supervision of a healthcare professional. This guide is not intended to replace or substitute the LG TEC Elite™ Instruction Manual. **PLEASE READ THE INSTRUCTION MANUAL COMPLETELY BEFORE USING THIS DEVICE.** Read, understand and practice the contraindications, warnings, cautions and operating instructions found on pages 00 – 00 on your instruction manual. Always follow the operating instructions prescribed by your healthcare provider.

---

**INDICATION FOR USE**

**TENS**
- Symptomatic relief of chronic pain
- Post traumatic pain
- Post surgical pain

**EMS**
- Relaxation of muscle spasms
- Increase of blood flow circulation
- Prevention of disuse atrophy
- Muscle re-education
- Maintaining or increasing range of motion
- Immediate post-surgical stimulation of lower leg muscles to prevent venous thrombosis

Do not use this device for undiagnosed pain syndromes until consulting a physician.

---

**DEFINITIONS**

**TENS**
Transcutaneous Electrical Nerve Stimulator

**EMS**
Electrical Muscle Stimulation/ Neuromuscular Stimulation

---

**LEAD WIRES**
(SET OF 4)

**ELECTRODES**
(SET OF 4)

---

LG TEC Elite™ replacement parts:
- WW5003 – lead wires
- EP2020BC2 – electrodes

---

For more information about your LG TEC Elite® unit, please visit lgmedsupply.com or call 1-888-633-7360.
1 **INSERT BATTERY**
Press arrow and slide battery compartment cover open. Insert 9V battery, matching the + and − ends to those in unit.

2 **CONNECT ELECTRODES TO LEAD WIRES**
Firmly insert the end of the lead wire pin into the electrode connectors. Make sure no bare metal of the pins are exposed.

3 **CONNECT LEAD WIRES TO TOP OF DEVICE**
This unit operates with one or two sets of electrodes. When using one set, plug lead wire into Channel 1 on top of the unit. Use Channel 2 to operate a second set if directed by your healthcare provider.

4 **PLACE ELECTRODES ON SKIN**
Remove electrodes from protective backing. Keep backing to properly store electrodes after use. Apply electrodes to the exact site indicated by your doctor or therapist. Skin at the application site should be clean and dry.

5 **TURN DEVICE ON**
Check that electrodes are securely placed on the skin before activating device. Press and release the  button in the center of the unit to turn it ON.

6 **SELECT THE THERAPEUTIC MODE**
There are 2 therapeutic modes available: TENS and EMS. Press the M button and continue to press until you have advanced to your desired therapeutic mode.

**TENS SETTING**
Press the S button to enter and cycle through to each setting state.

1 **SET THERAPEUTIC PROGRAM**
There are 4 programs available in the TENS therapeutic mode: B - Burst, N - Normal, M - Pulse Width Modulation, and M1 - Pulse Rate Modulation. The therapeutic program can be selected by pressing the ▲ and ▼ buttons. In this example, the M program is selected and the outside box of M program will be flashing.

2 **SET CYCLE TIME (OPTIONAL)**
Cycle time is adjustable from 5 to 30 seconds. Only modulation has this parameter setting. Press S button to enter this menu, and then press the ▲ and ▼ buttons to adjusting the setting.

3 **SET TIMER**
Press the S button to enter this setting. The treatment time is adjustable from 1 to 60 minutes or Continuous. Press the ▲ and ▼ buttons to adjust setting. You can set the timer to “Continuous” mode by pressing the ▲ control when it shows 60 minutes. The output will be shut off when time is up. If in continuous mode, you need to manually turn off device.

4 **SET PULSE WIDTH**
Pulse Width is adjustable from 50 µS to 300 µS. Press S button to enter this menu, then press the ▲ and ▼ buttons to adjust the setting.

5 **SET PULSE RATE**
Pulse rate is adjustable from 1 Hz to 150 Hz (0.5 Hz to 5 Hz for Burst). Press the S button after scrolling through and completing all settings to start the therapy program. The ▲ and ▼ buttons can be used to increase ▲ or decrease ▼ the intensity level.
EMS SETTING
Press the S button to enter and cycle through to each setting state.

1 SET THERAPEUTIC PROGRAM
There are 3 programs available in EMS therapeutic mode: S - Synchronous, A - Alternate and D - Delay. The therapeutic program can be selected by pressing the ▲ and ▼ buttons. In this example, the D program is selected and the outside box of D program will be flashing.

2 SET TIMER
Press the S button to enter this setting. The treatment time is adjustable from 1 to 60 minutes or Continuous. Press the ▲ and ▼ buttons to adjust setting. You can set the timer to “Continuous” mode by pressing the ▲ control when it shows 60 minutes. The output will be shut off when time is up. If in continuous mode, you need to manually turn off device.

3 SET PULSE WIDTH
The pulse width determines the length of time each electrical signal is applied through the skin, which controls the strength and sensation of the stimulation. Press the S button to enter this setting. The pulse width is adjustable from 50 to 300 µS. Press the ▲ and ▼ buttons to adjust the setting.

4 SET PULSE RATE
The pulse rate determines how many electrical impulses are applied through the skin each second. Press the S button to enter this menu. Adjust the setting by pressing the ▲ and ▼ buttons. The pulse rate is adjustable from 1 Hz to 150 Hz.

5 SET DELAY TIME (OPTIONAL)
Delay time is adjustable from 1 to 10 seconds. Only the “Delay” therapeutic program has this parameter setting. Press the S button to enter this menu, and then press the ▲ and ▼ buttons to adjust the setting.

6 SET RAMP TIME
The ramp time controls the time of output current that increase from 0 to the setting level, and from the setting value to 0. When the ramp time is set, each contraction may be ramped up and down in order that the signals come on and come off gradually and smoothly. The ramp time is adjustable from 1 to 6 seconds.

7 SET CONTRACT TIME
The contract time controls the time of stimulation and can be adjusted. Press the S button to enter this menu, and then press the ▲ and ▼ buttons to adjust the setting. Both channels’ stimulation is cycled on and off by the contraction and relaxation settings. The range is adjustable from 1 to 60 seconds.

8 SET RELAXATION (OFF) TIME
The off time controls the time of relaxation and can be adjusted. Press the S button to enter this menu, and then press the ▲ and ▼ buttons to adjusting the setting. Both channels’ stimulation is cycled on and off by the contraction and relaxation settings. The range is adjustable from 0 to 60 seconds. Press the S button after scrolling through and completing all settings to start the therapy program. The ▲ and ▼ buttons can be used to increase ▲ or decrease ▼ the intensity level.

Caution: Contract time does not include the ramp up and ramp down time, ON time = Ramp up + Contract time + Ramp down.

IMPORTANT TIPS AND SAFETY FEATURES
The Safety Lock Feature automatically activates after there is no operation in the panel for 30 seconds by locking out the ability to press the buttons. This is a safety feature to prevent accidental changes to your settings and to prevent accidental increases to the intensity levels. You can press either one of the ▼ buttons to unlock the device.

Once you have activated the treatment timer, you can press the M button or the ▼ button to control stop the treatment.

Turn off the device by pressing and holding the power on/off button for 3 seconds. If in “lock” mode, press the ▼ button to unlock the device and then press and hold the power on/off button for 3 seconds to turn off.

The device will automatically power off after 2 minutes of inactivity in the panel.

Low battery indicator signals when battery is low. Replace battery when stimulation feels weaker.