EPulse Elite

Distributed by

Ultima
HEALTH AND WELLNESS

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Safety Notice

Read this product manual in its entirety and consult with an qualified and trained personnel before operating the EPulse Elite. Do not attempt to perform any procedure before carefully reading all instructions. Always follow product labeling and manufacturer's recommendations. If in doubt, contact your authorize distributor's representative.

EPulse Elite Specification

Size: 24.0″ x 15″ x 11″

Frequency: 1-50Hz

Weight: 42lbs / 19kg

Input Voltage: 120 VAC / 60Hz

Fuse Rating: 4-Amp (The fuse is located below the input power socket)

EPulse Elite Accessories

1 x Standard loop probe

1 x Three-wire AC Power Cord

Safety During Installation and/or Maintenance

Do not attempt to lift without assistance.

Clean the enclosure with "armor all" or like substance with soft cloth

Any service on this equipment that requires removal of any covers can expose parts which involve the risk of electric shock or personal injury. Make sure that the POWER ON/OFF switch is at OFF position and the device is disconnected from the main power source. Refer such service to qualified personnel.

Do not replace any of the components with parts not specified for use on this manual.

How to Replace the Fuse
Make sure the POWER ON/OFF switch is in the OFF position and the device is disconnected from the wall power outlet. The device requires a **4-amp fuse** and the fuse compartment is located at the bottom of the AC receptacle. To open the fuse compartment, fill the gap (pointed by **red arrow**) with a small slotted screw driver, then pull it out. To replace the compartment, simply press it back in. **Refer to Figure 1 below.**

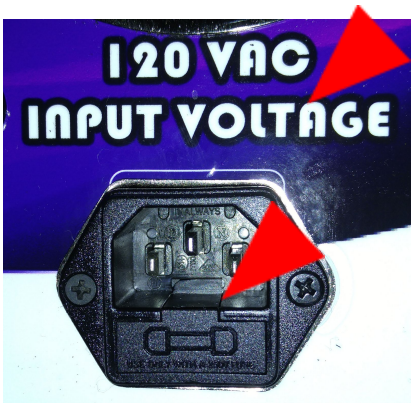


Figure 1

If you have any problems with the device or accessories, contact an Authorized distributor's representative.

Electrical Safety

To reduce the risk of electrical shock, this device uses a three-wire AC power cord to connect the device to earth-ground. To preserve this safety feature:

a. Make sure the INPUT VOLTAGE marked on the device (see Figure 1) matches the power voltage in your area. DO NOT attempt to toggle the POWER ON/OFF switch to ON position if the INPUT VOLTAGE of the device and the voltage in your area DO

NOT match. The voltage rating is marked on the label above the AC Receptacle (see Figure 1).

b. Make sure the matching wall outlet receptacle is properly wired and earth-grounded.

c. ***Never*** use a 2-wire extension cords or a 2-wire NON-grounding types of multiple-outlet receptacle strips.

d. Do not place containers holding any liquid on or near the front panel. The liquid can potentially cause major damage on the electrical or mechanical components of the device.

e. The POWER ON/OFF switch should ALWAYS be at OFF position when the device is not in use.

Safety Against Risk of Fire

a. Fuses protect certain electrical circuits within this device against over-current conditions. For continued protection against the risk of fire, replace the fuse only with the same type and rating specified in this Instruction Manual (Refer EPulse Elite Specification section).

b. Keep any materials capable of developing flammable or explosive vapors away from the device while it is in operation (pulsing).

Mechanical Safety

a. Use only probes and accessories designed for use on this device.

b. Do not lift or move the device while using or pulsing.

c. NEVER use the device where wet weather may have contact with the device.

d. To clean the air intake and exhaust fans blow them with air or use a soft brush.

e. NEVER attempt to hold or remove the probe connectors while in use or pulsing.

f. NEVER attempt to open the control panel of the device.

Safety Precautions in using the device

Connect the probe to the device before toggling the START/STOP switch to START(I) position. Rest the probe on a non-metallic material (i.e. wooden or plastic chair) when not in use. Refer to Appendix A on how to connect the probes.

When the START/STOP switch is on the START (I) position, DO NOT touch the probe connectors while holding the probe loop.

The device is equipped with an overheat sensor to protect the machine in case of an overheating situation. When overheating occurs, the device will stop pulsing. Let the device cool down and you may START the device again. If the device is unable to START, contact your Authorized Distributor's representative.

After using the device or after toggling the START/STOP switch to STOP (O) position, allow 5 minutes before toggling the POWER ON/OFF switch to OFF.

When the device is not in use, ALWAYS close the lid to prevent condensation to form.

Quick Start Guide:

Quick guide on how to operate the EPulse Elite

Before beginning of operation:

- Make sure that the green POWER ON/OFF switch is in the OFF position.
- Start/Stop switch is in the STOP(O) position.
- Probe terminals are connected.
- Input voltage power cord is matching (120V) and connected.
- Time is set to 15 minutes (factory default setting)

Power ON Procedure:

1. To the lower right of the panel is the **green** POWER ON/OFF switch. Flip the switch to the ON position. The switch should light up.

2. Set the INTENSITY knob to desired setting. Default is at 80%

3. On the upper right of the front panel is the START/STOP switch. Toggle the switch towards the START(I) position. The switch should light up and the device will start pulsing.

4. Set the PULSE RATE knob to desired setting. ***Note that the PULSE RATE knob may turn beyond 360^{o} several times.***

   Turn the PULSE RATE knob to the RIGHT for SLOWER pulse rate and to the LEFT for FASTER pulse rate. Note also that turning the knob to the EXTREME position to EITHER LEFT OR RIGHT will cause the pulsing to stop; putting the device in an "off" state.

   Warning: Do not turn the knob far TO THE EXTREME in either direction. Doing so would cause the knob to break.

POWER OFF/Reset Procedure:

1. When the PRE-SET time on the timer has expired (default is 15 minutes), the TIMER OFF LED indicator will light up.
2. Or, the pulsing may be stopped ANYTIME by toggling the START/STOP switch towards the STOP [O] position. [Skip **Step 3** to restart the pulsing **OR** skip to **Step 4** onwards to turn off the machine.]
3. To RESTART the pulsing, simply toggle the START/STOP switch towards the START (I) position. This will restart the pulsing with the pre-set time of the TIMER as well.
4. Before the device is POWERed DOWN (toggling the POWER ON/OFF switch to OFF position), wait for 15 minutes after the pulsing has stopped.
5. After 15 minutes, toggle the **green** POWER ON/OFF switch at the lower right of the panel to the OFF position. The machine should be completely turned off.

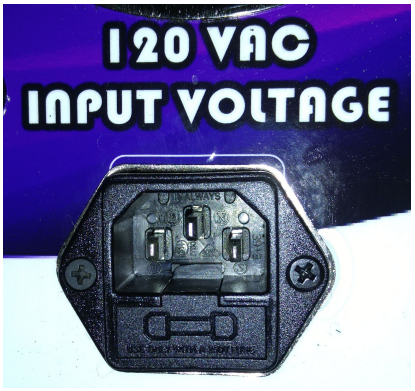
Safety Operations

For the safe operation of the device, the following should be observed:

1. Make sure POWER ON/OFF switch is in the OFF [O] position at all times when NOT IN USE.

2. **BEFORE TURNING ON** the device, make sure the Probes are connected to the Probe Connections (Refer to picture below and Appendix A) then rest the probe on a NON-metallic material. Also, make sure that there are NO metallic objects around the probe.

3. Plug an AC Cord into the AC Input Power, while making sure that the required input power of the device (as marked) matches AC line voltage from the wall outlet.



4. Set the TIMER to desired number of minutes of pulsing (default setting is 15 minutes). The TIMER is set by turning the TIMER knob clockwise or counter-clockwise to set the time from 5 to 30 minutes.

5. Turn on the device by switching POWER ON/OFF switch to ON position.

   The START/STOP switch light will turn "on" and the TIMER OFF LED indicator will be "on"(red LED flashing).

6. Toggle the START/STOP switch to START(I) position for the device to start pulsing.

7. Set the PULSE RATE knob to desired setting.

   Turn the knob to the RIGHT for SLOWER pulse rate and to the LEFT for FASTER pulse rate. Note also that turning the knob to the EXTREME position to EITHER LEFT OR RIGHT will cause the pulsing to stop; putting the device in an "off" state.

   Note: The PULSE RATE knob may turn all the way around more than once.

   Warning: Although the PULSE RATE may turn all the way around more than once, USE CAUTION NOT TO TURN the PULSE RATE knob far TO THE EXTREME in either direction. Doing so would cause the knob to break.

8. When the timer has expired, the unit will stop pulsing. The START/STOP switch LED will TURN ON and the TIMER LED Indicator will be flashing.

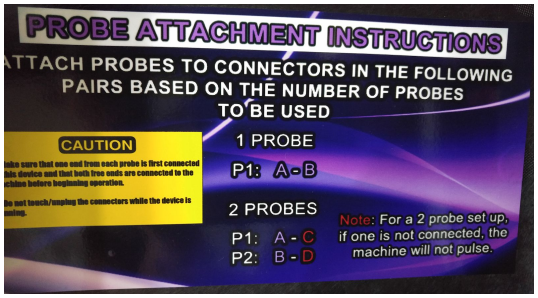
9. **VERY IMPORTANT:** Leave the device ON for 5 minutes before switching the POWER ON/OFF switch to the OFF(O) position.

10. Close the enclosure lid to prevent condensation to form.

Probe Replacement Procedure (Appendix A)

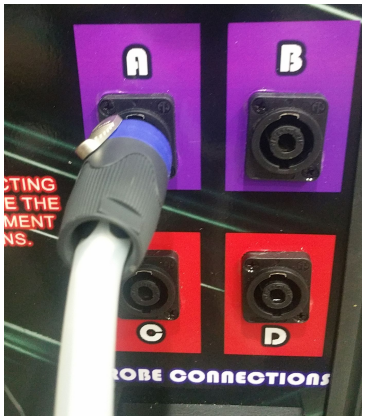
Make sure the POWER ON/OFF switch is in the OFF position and the device is disconnected from the main power source.

Note: The Probe Attachment Instruction can be found on the inside of the lid of EPulse Elite. Refer to the picture below.



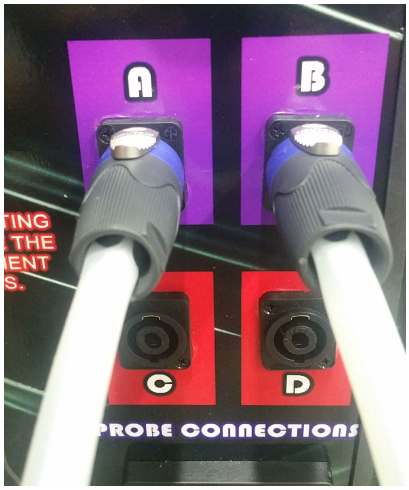
I. CONNECTING ONE (1) PROBE
To use one (1) probe only, ONLY connections A and B will be used

1. Take any of the probe connector and aim it towards socket A of the probe connections. Insert the probe connectors at an angle as shown below



2. Insert the other connector to Socket B then turn both connectors towards the right until you hear a click.

Make sure you hear the clicking sound. The clicking sound confirms that the connectors are locked into the socket.



3. To remove the probe, pull the silver latch. (always remove the probe connector to the right first). DO NOT let go of the silver latch until the connector is removed.

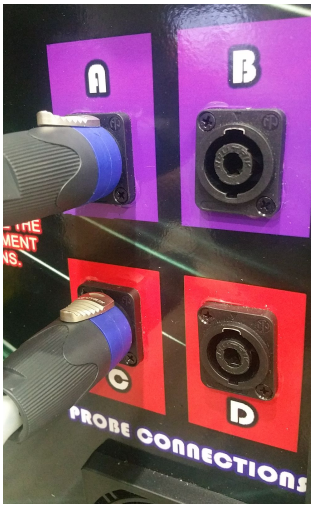
II. CONNECTING TWO (2) PROBES

To use two (2) probe only, connections A and C (yes, NOT B) will be used for the first probe, then connections B and D will be used for the second probe.

1. Take any of the probe connector for the first probe and aim it towards **Socket A** of the probe connections. Insert the probe connectors at an angle as shown below

2. Insert the other connector of the first probe to **Socket C** then turn both connectors towards the right until you hear a click.

Make sure you hear the clicking sound. The clicking sound confirms that the connectors are locked into the socket.


A
B
C
D
PROBE CONNECTIONS

3. Similar to Step #1, take any of the probe connector for the second probe and aim it towards **Socket B** of the probe connections. Insert the probe connectors at an angle as shown below

4. Similar to Step #2, insert the other connector of the second probe to **Socket D** then turn both connectors towards the right until you hear a click

Make sure you hear the clicking sound. The clicking sound confirms that the connectors are locked into the socket.

5. To remove the probe, pull the silver latch. **Always remove the probe connector to the RIGHT first**. DO NOT let go of the silver latch until the connector is removed.

EPulse Elite User Controls (Appendix B)

EPULSE
MAGNETICS
START
INTENSITY
LOW
HIGH
STOP
TIMER
PULSE RATE
FAST
SLOW
TIMER OFF
A
B
C
D
CAUTION:
BEFORE CONNECTING THE PROBES, SEE THE PROBE ATTACHMENT INSTRUCTIONS.
120 VAC
INPUT VOLTAGE
POWER ON
POWER OFF