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# **Diesel Mini + Mini Combo**

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User Manual + Set Up Guide

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Revision History	
Date	Description of changes
January 2024	New Layout

# Whats in the Box? & Product Specs

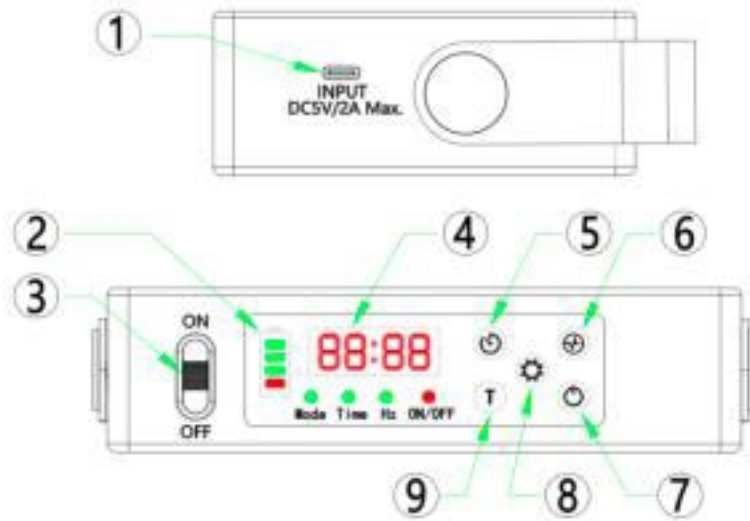
## Whats Inside

1. Panel
2. Goggles
3. Charging Plug

## Technical Specifications

Power	425W
Input Voltage	AC-110-240V   50-60Hz
LED Quantity	16 pcs.
Wavelength	630nm   670nm   810nm
Time Control	Yes
Beam Angle	30 Degree
Product Size	16*   10.5*   4cm
Working Temperature	-20° C to 45° C
Lifespan	50,000 Hours
Irradiance	0"   3"   6"   12in.

# Device Buttons & Directions



## Directions

Charge the Mini for **6 hours** before first use. The working time is 2 hours before needing recharging for 6 hours.

1. **Charging Port:** Insert the DC5V/2A charger into the charging port.
2. **Battery indicator Symbol:** The battery indicator symbol shows life.
3. **Main Switch of the Device:** Turn the switch to the "ON" position and turn the switch to "OFF" when no longer using it to save energy. **Tip:** Don't need to toggle this switch when charging.
4. **Display of function setting:** The display button shows the time remaining.
5. **Timer:** Press this to set the time: 5 minutes, 10 minutes, 15 minutes, 20 minutes, 25 minutes, and 30 minutes.

# Device Buttons & Directions

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6. **Pulsing:** Press this button to set the pulsing: "0Hz and 294hz". 0hz is non-pulsing.

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  7. **On/Off:** Press this to turn on, and press this again to turn off.

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  8. **Mode Setting:** Press this button "0001, 0002, 0003" for the working modes. The mode 0001 means Red only, 0002 means NIR only, 0003 means Red +NIR together.

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  9. **Battery indicator button:** Press it once, and the battery indicator will display the current battery level (the red light is on, which means 25% power, and it goes up in sequence; the first green light indicates 50% power, the second green light indicates 75% power, the third green light indicates 100% charged).

# General Dosing Instructions

## Important Information Regarding dosing

### For skin issues:

We want between 6J to roughly 15J per area. So optimal treatment times with the lights are 5 minutes per area (if the light is 3 inches away).

### For deeper issues (muscle, bone, brain, organs, glands, fat, etc.):

we want around 10-60J per area, so optimal treatment times and treatment distances are 10 minutes per area if the light is 3 inches away. 15 minutes per area if 6 inches away.

Red NIR Mode 2						Red / Blue / NIR Mode 3					
Distance From Skin						Distance From Skin					
Surface		1 in.		3 in.		Surface		1 in.		3 in.	
Penetration		Penetration		Penetration		Penetration		Penetration		Penetration	
Skin	Deeper	Skin	Deeper	Skin	Deeper	Skin	Deeper	Skin	Deeper	Skin	Deeper
90 sec	10 min	120 sec	18 min	240 sec	N/A	80 sec	10 min	100 sec	18 min	200 sec	N/A

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**Q1. Can I wear clothes when using the panel?**

It's important to have clean, bare skin wherever the light is being used. Clothes, makeup, lotions, oils, etc. Will block and deflect some or most of the light.

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**Q2. How long do I use it per day?**

It is important to always start slow, 2 minutes per area, and then you can add 1 minute until you reach the desired time. It's best to skip a day in between sessions initially. As long as you are feeling well, you can use it every day.

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**Q3. Should I wear goggles?**

Do not look directly into the light. Light therapy has shown positive results for eye health, however, if the light is too bright or bothersome, please wear goggles.

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**Q4. Does the panel work while charging?**

Yes