Operation Instructions

Set "Light Off" Timer

To set a "Light Off" Timer select any stage greater than your "Light On" stage. Activate the timing stage by toggling to "On". Set the Timing Clock to the desired "Light Off" time. Set the intensity to 0. Your MINT LED Panel 600 will now power off at your specified time.

Set Timer with Manual Controls

Press and hold `4` to enter the Timer Set Mode. Press `1` to cycle through the channels. Press `2` to cycle through the stages. Press `3` to toggle the Timing Stage On/Off.

Set "Light On" Timer w/ Manual Controls

Select the desired channel and stage to program and activate. Press `4` to confirm. The digital display will now show the clock set to 0.00. Press `2` or `3` to change the minute. Press `1` to change the hour. Once set to the desired "On" time, press `4` to save the setting. The digital display will now show the intensity percentage. Press `2` or `3` to adjust the intensity percentage to the desired brightness. Once set to the desired intensity, press `4` to save the setting.

You can now activate anywhere from 1 to 8 stages. A timing stage must be toggled to "On" in order to function. Your final timer off stage should always be toggled to "On" and have the intensity set to 0. By setting all 8 stages, you can replicate a natural growing environment. Simulating these lighting intensities can be achieved by gradually increasing with stages 1-4 and then decreasing with stages 5-8.

Auto Run Mode

The MINT LED Panel 600 also comes equipped with a preconfigured 8 stage Timing Cycle. This cycle offers 18 hours of light at an intensity of 20% or greater. It is configured to generally satisfy the vegetative requirements of most plant species.
Note: If you press `MODE` during the middle of the Auto Run Cycle, you will have to wait until the next scheduled time setting for your light to adjust automatically. If you do not wish to wait for your next scheduled timer, exit Auto Run by pressing `MODE`, manually adjust your light to your desired intensity and program your fixture back into Auto Run by pressing `MODE`. This will ensure your fixture stays in the dark cycle until the first timer. This will kick start your fixture into the Auto Run Mode and will allow it to run its cycle.
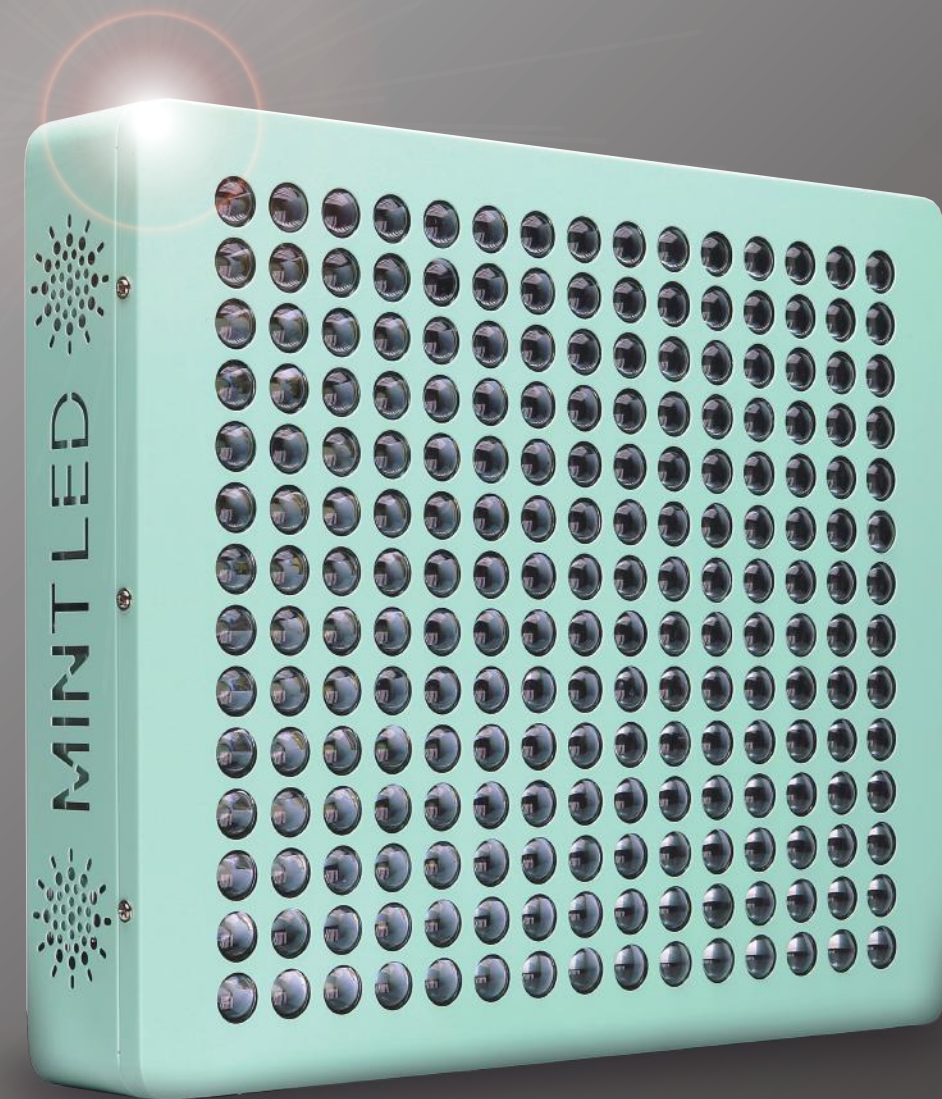
Set Auto Run Mode

Press `MODE` to activate Auto Run Mode. The display periods will flash during Auto Run Mode. Press `MODE` again to exit the Auto Run Mode.

5. Warnings

MINT LED fixtures are designed for indoor use only! Do not place the fixture/s, associated electronics, and/or powered accessories near foggers, misters, or any devices that produce significant moisture. Do not place equipment in ambient rooms with a humidity rating greater than or equal to 80%. Use MINT LED fixtures with properly grounded powered outlets only. Ensure that all MINT LED equipment, including the provided contents, is undamaged and in proper working order prior to use. MINT LED fixtures should be installed in a fixed and well secured position only. Ensure the lamps and fixture body receives adequate ventilation for heat and that the heat vents are not obstructed. Do not stare directly into the LED diodes when the unit is powered on without proper eye protection.

MINT LED
LED PANEL 600

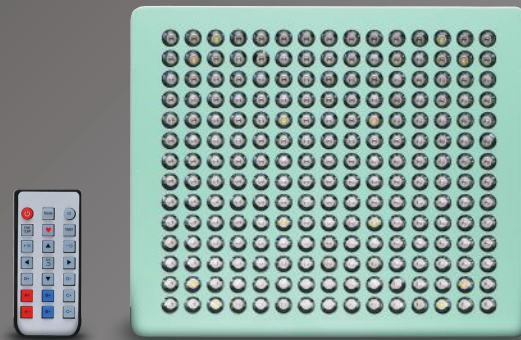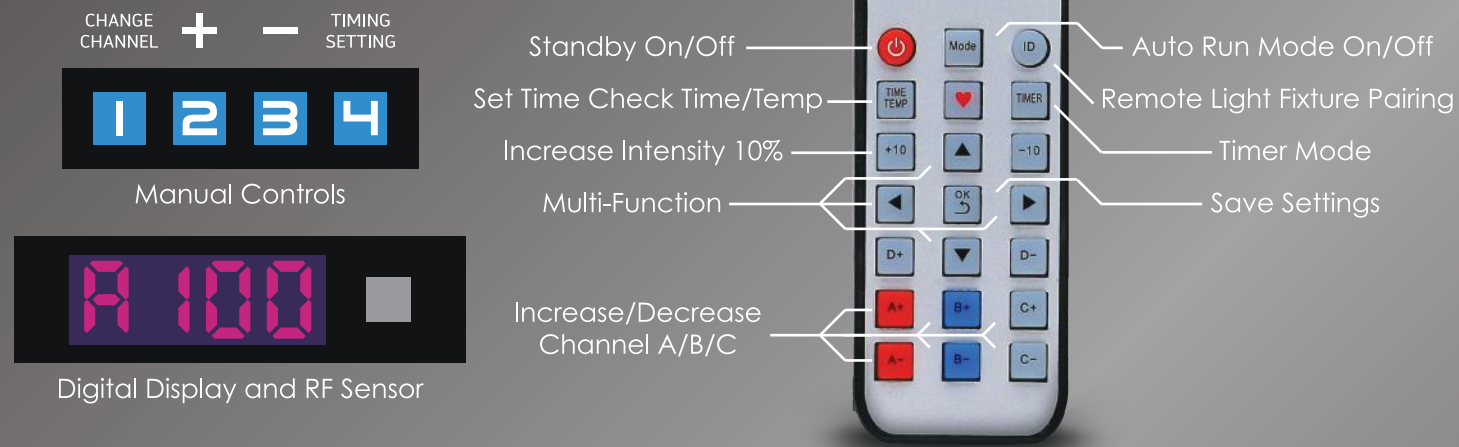## Introduction

Thank you for purchasing the MINT LED Panel 600! Please review the following instructions to ensure you receive the best performance possible. Packed full of features to keep your grow room and your light bill at its best, the MINT LED Panel 600 features a full range of diodes creating a true full spectrum that your plants will love! The easy to use remote, as well as the manual controls located on the fixture, give you true control of what your plants need! The MINT LED Panel 600 is built with 3 customizable channels for blooming, vegetative, and full spectrum supplemental lighting allowing you to mimick real seasonal lighting changes! Perfectly spaced diodes achieve the best foot print possible and UV and IR provided from the fixture create a well-rounded resinous plant! The MINT LED Panel 600 is cool to the touch and only draws 420 watts allowing you to replace any existing 600 watt fixture all while saving you money! Make your room MINT condition with MINT LED!

1. Contents

A. MINT LED Panel 600 Fixture (1)
B. MINT LED Remote Controller (1)
C. Power Cord (1)
D. Hanging Hardware (4)
E. Brass Anchors (4)

2. Controls & Displays

CHANGE CHANNEL **+** **—** TIMING SETTING

1 2 3 4

Manual Controls

A 100

Digital Display and RF Sensor

Standby On/Off
Set Time Check Time/Temp
Increase Intensity 10%
Multi-Function
Increase/Decrease Channel A/B/C

Auto Run Mode On/Off
Remote Light Fixture Pairing
Timer Mode
Save Settings

3. Installation

1. Switch the main power off.
2. Install the fixture into a fixed and secure postion using the provided hardware.
3. Hang the fixture only by its designated mounting points with the provided hardware.
4. Install the provided power cables from the fixture to the provided power supply and lastly the power supply into a powered outlet. (Inspect all powered wiring for any damage prior to installation.)
4. Switch the main power on when installation is complete to begin programming and using your fixture.

4. Operation & Programming

Pairing Remote

Your MINT LED Remote is universal. The MINT LED remote will, in most cases, automatically pair to any MINT LED fixture you have. Read the following steps to sync your remote with your fixture manually.

Assigning Light Fixture ID & Remote ID

To assign the Light Fixture ID, press [TIME TEMP] twice. Press [ID] Once. Scroll through the available IDs by pressing [◄] or [►]. Press [5] to save the ID. To assign the Remote ID, press [ID] twice. Scroll through the available IDs by pressing [◄] or [►]. Locate the same ID saved for the fixture. Press [5] to save the ID.

Setting the Clock w/ Remote

Enter the Clock Set Mode by pressing [TIME TEMP]. The clock displays in 24 hour time. To change the hour press [◄] or [►]. To change the minute press [▲] or [▼]. Once the clock is set, press [TIME TEMP] again to enter the Temperature Display Mode. Press [TIME TEMP] again to return to the default Channel/Intensity Display Mode.

Setting the Clock w/ Manual Controls

Press and hold [1] and [4] to enter the Clock Set Mode. To change the hour press [4]. To change the minute press [2] or [3]. Once the clock is set, press [1] to enter the Temperature Display Mode. Press [1] again to return to the default Channel/Intensity Display Mode.

Adjusting Intensity

The MINT LED Panel 600 is divided into 3 spectra channels. The default light setting displays the current channel and intensity on a percentage scale of 1-100.

Intensity Adjustment w/ Remote

All 3 channels can be increased/decreased in 1% increments simultaneously by pressing [▲] or [▼] respectively. All 3 channels can also be increased/decreased in 10% increments simultaneously by pressing [+10] or [-10] respectively. Each channel may also be increased/decreased independently using the channel A, B, and C (+/-) buttons. Press [5] to save the intensity adjustments.

Intensity Adjustment w/ Manual Controls

Select the desired channel by pressing [1]. Increase/decrease the intensity by pressing [2] or [3] respectively. Press [4] to save the intensity adjustments.

Timer Mode

The MINT LED Panel 600 comes equipped with an 8 stage internal timing mechanism, giving you the ability to independently run each of the 3 channels on a timed 24 hour lighting schedule. You can set both lighting duration and intensity for each stage and each associated channel, allowing you to create natural or custom growing enviroments. The clock must be set in order to utilize the Timer Mode.

Setting Timer w/ Remote

Press [TIMER] to enter the Timer Mode. Press [◄] to cycle through the channels. Press [▲] to cycle through the stages. Press [►] to toggle the Timing Stage On/Off.

Set "Light On" Timer w/ Remote

To set a "Light On" Timer, select the desired channel and stage to program and activate. Press [5] to confirm. The digital display will now show the clock set to 0.00. Press [◄] or [►] to change the minute. Press [▲] or [▼] to change the hour. Once set to the desired "On" time, press [5] to save the setting. The digital display will now show the intensity percentage. Press [▲] or [▼] to adjust the intensity. Once the desired intensity is reached, press [5] to save the setting. Repeat the process to program channels B and C of stage 1. Each channel can be set to custom intensities. Repeat the process to program stages 2-8.

A 1oF

Current Channel
Stage On/Off
Current Stage