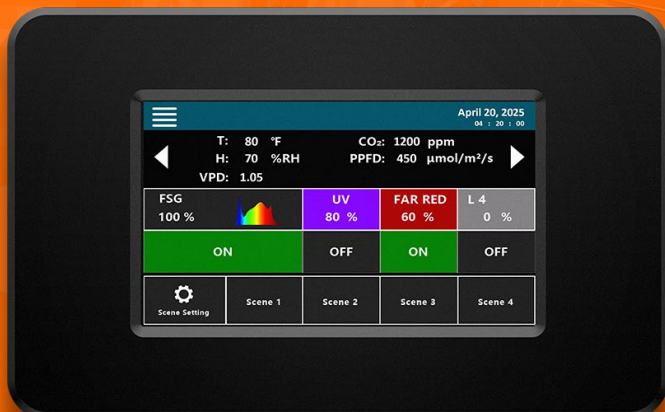




TRI-CHAN CONTROLLER

Touchscreen Spectrum Control for the Tri-Spec 150W UCL



**THREE+ CHANNELS.
ONE TOUCHSCREEN.
FULL CONTROL.**

MASTER THE SPECTRUM

Tri-Chan takes spectrum beyond simple on and off. With a 4.3" touchscreen, you get clean, independent access to Full+Red, Far-Red, and UV channels. Build custom recipes, schedule your runs by phase or cultivar, and plug in sensors to track temp, humidity, and PPFD in real time. Tri-Chan keeps every run consistent, so your final product always hits the mark.



4.3" SCREEN

Simple Touch Navigation



3+ CHANNEL

Tuning of Spectrums



SENSOR READY

Real-Time Feedback



EXPANSION

Ports for Scalable Integration

WHY TRI-CHAN CHANGES THE GAME

- **Independent 3-Channel Output:** Precision dimming of Full+Red, Far-Red, and UV.
- **Custom Recipes + Schedules:** Automate spectrum changes by phase or cultivar.
- **Sunrise + Sunset Simulation:** Gentle transitions that lock in consistency.
- **Environmental Awareness:** Read your room with plug-in sensors for real-time data.
- **Optimized for Tri-Spec:** Unlocks the full performance of your under-canopy lighting.

Display

• 4.3" IPS HD Touchscreen

Output

• 3x 0-10V Channels (Full+Red, Far-Red, UV)

Lighting Control

• Scene + Time Scheduling, Sunrise/Sunset

Automated Adjustments

• Automatic Power/PPFD Control

Environmental Monitoring

• Parameter Testing: PPFD, CO₂, Temp, RH

System Expansion

• Intelligent Socket Expansion

Input Interface

• 1x Temperature, 1x Temperature + Humidity

Expansion

• 2x RS485 Ports

Input Voltage

• DC12V

Power Consumption

• Max 10W

Dimensions

• 6.30 x 3.86 x 1.30 in (160 x 98 x 33 mm)

Weight

• 0.73 lb (0.33 kg)

DIAL IN YOUR PLANTS' POTENTIAL.



DIALEDINGROW.COM