



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 130 in (160 x 98 x 33 mm)
Weight	• 0.73 lb (0.33 kg)

DIAL IN YOUR PLANTS' POTENTIAL.



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