

LMA-24

Lantern Schedule Adapter

TrolMaster's Hydro-X system can control most of the horticultural lighting fixtures sold on the market today. Most light manufacturers provide the ability to control their lighting systems using what's known as a low-volt control. That low-volt control can take many forms and communication protocols. TrolMaster makes several types of lighting adapters (LMA units) that allow the Hydro-X to control lights using their low-volt control option.



The lantern lighting schedule is a lighting routine that enhances the growth of the plants in vegetative stage. The lighting schedule consists of having lights on for 12 hours, turning the lights off for 5.5 hours, turning it back on for 1 hour and finally turning the lights off for another 5.5 hours. Repeat this schedule for the vegetative stage. Turning on the lights for an hour in between the off hours inhibits florigen production, which prompts the plant to stay in a high growth vegetative state.

This LMA-24 lighting adapter is specially designed to use both two channels on the Hydro-X system to create a lantern schedule control for any lights with 0-10V protocol. It is compatible with HID's like Gavita/Nanolux/Luxx/Growers Choice/Illumina r /PL and LEDs like Fluence/Next light/Spectrum King.

Specifications

LMA-24

Input Voltage

Voltage	12V
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Output Voltage

Voltage	0-10V
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Maximum Current

Current	0.05A
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Package Dimensions

Size	6.14inch / 156mm(L) x 3.27inch / 83mm(W) x 1.18inch / 30mm(H)
Gross Weight	2.12oz / 60g

Working Environments

Temperature	32-122°F (0-50°C)
Humidity	≤90%

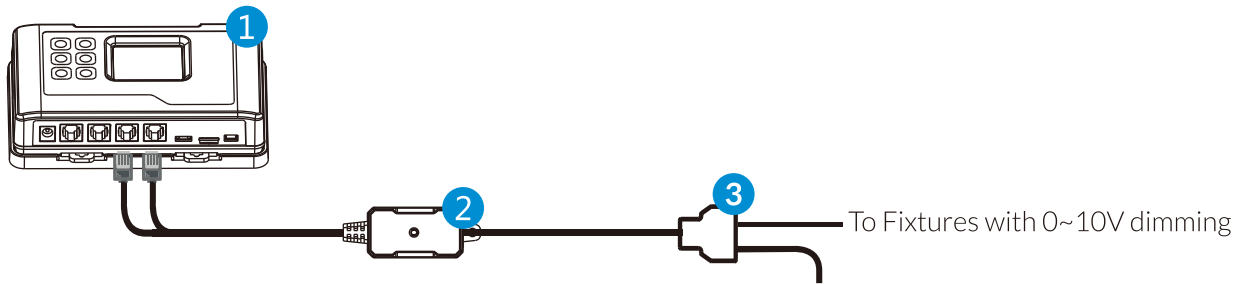
Package Content

Lantern Schedule Adapter (LMA-24)	1pc
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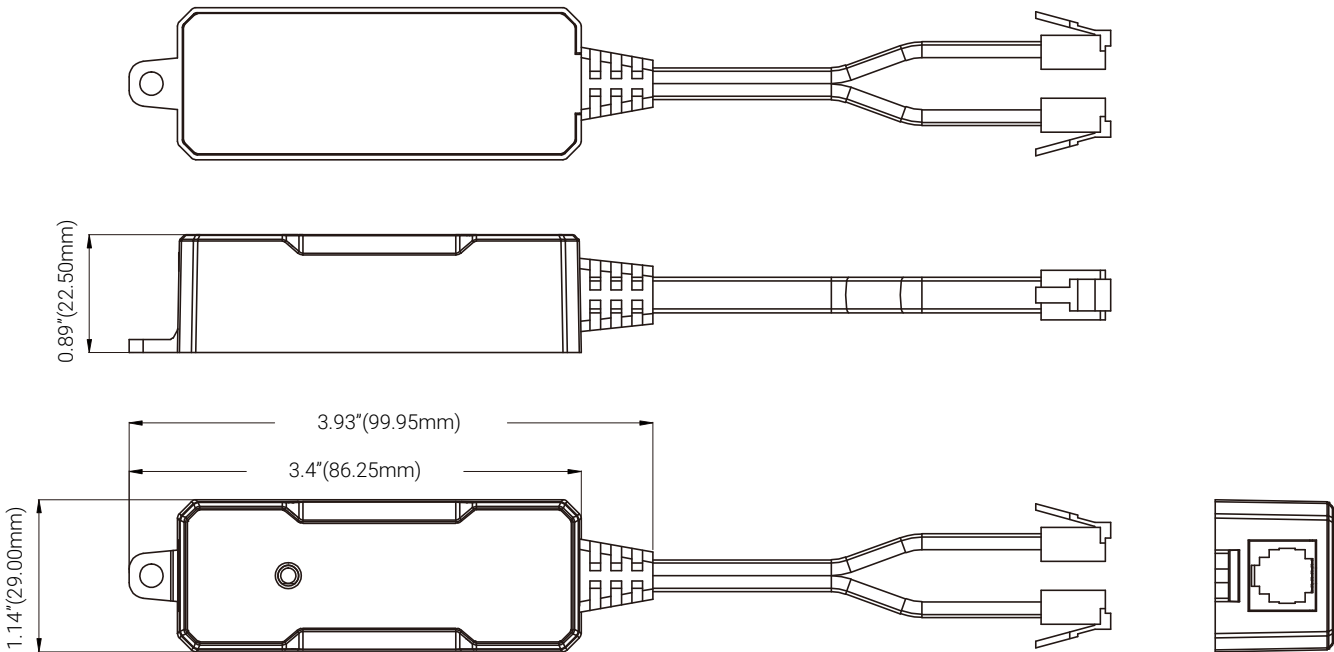
Link Up

LMA-24

CONNECTION DIAGRAM



1. Controller
2. Lantern Schedule Adapter
3. Splitter



RoHS