Hydro-X Plus

Upgraded Version of Hydro-X System



Connection Daisy Chain Connection

Remote Control

Specifications HYORO X Plus (HCS-3) Product Capacity		Display & Control		Operating Requirement	
			Sover)		
4-in-1 (Tomp & Haveddy & DD2 & DayMgVL) Sensor	Mos. 1pc per HCS/3	Convet	Touch Somen Control	Hamily	
		Language	English (international)		
Par Sensor	Mos. 1pc each per HCS-3	reices-SD	Saver Copyrimport/ Export data	Power Supply	
Smoke & Water Detectors	Max 10pcs each per H20-0			Supply Voltage	
Temp Dovice Stations	Mox. Spcs per HCS S	Environment Setting		Dimensions & G.W.	
Humidity Device Stations	Miss Spor each per 1905-0	Temperature	43-100 %	Dimensions	
CO2 Device Stations	Mor. 4pcs each per HCGS	Humidity	20.09%	Approx. G.W. Deplay & Corresi	0.5 kg
Stations Pressure Desire	Mos thos ne	C02	300 2500FFW		
Station		Light Intensity	D-2000 PPFD		
Light Channel(s)	2 per HCS-3		Transmiring steps	- 11	
Number of Lights	*Unimited With the			4 1	1 4

Hydro-X Plus



Group Control

(Up to 10 Groups) of lighting control for ThinkGrow brand LEDs allows a customize combination of light settings for up to 1 separate groups of LEDs on a single HGS-



4 Adjustable Spectrum

Ultimate control on UV, White, Deep Red and Fa



DLI (Daily Light Integral) Control and Monitoring

can be used to calculate the exact amount of ight needed based on the PPFD to enhance



The HCS-2 can simulate natural cloud movements to mimic a natural outdoor environment which ensures less stress on the

Lighting Control

Light Control

The Hydro-X Pro-can control almost all horticultural lighting systems (LE HID) in the market using one of Trolmaster's LMA series of lighting adapte Two separate lighting control channels allow users to control two differ

phting systems with separate setponts. then used with Hydro X Pro, the LMA-T can provide user's ultimate control ser Thruktinav LED. (i.e. individual control on 4 different spectrums of the LUS series 1, and alrows users to adust and control the fairs spectrum.



MBS-PAR Sensor

The EAR sensor can be incorporated into the Hydro X Pro system to provide measurement of PART ("Politosystemicstly Active Rediction.) After extent the value of the desired amount of PFFD to HSS 2, the PFD sensor accordatoly increase or decrease the output level of the supportion lighting systems to continuously maintain the exact highling level (in terms PFPD) articles.



4-in-1 Sensor MBS-PRO

This sensor will measure air temperature, humidity, CO2 (PPM-) and has a photocell to detect thay or Night operation, making it a perfect ail—none environmental sensor. The sensor will detect the environmental parameters the send the collected data back to the Hydrox NPn (by stign) different modules connected to the Hydro X Pro system, the controller will then send signals to the modules and centrol those devices.







Temperature

Humidity can be regulated wi the modules by controlling the humidity control devices. el can be regulated with the is by controlling the CO2.

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Other Control & Sensor

Other Control

here are other modules that one be used to confic exists in different circumstances in accordance wit set's need.

Or instance, devices like fans or pumps can be controlled based on time rative than Temperature. Humidit

or instance, devices like fains or pumps can be conorlied based on time rather than Temperature, Humidity of EOZ with the Timer Control modure the ESP-1.

Other Sensor Alert
These 3 sensors MBS-S0, WD-2, WGS-1, are used to detect shock, water leakage and abnormal moisture level of medium. Warning alerts will be sent to users on the Trick/Asster App when abnormal conditions are detected to want them about professal problems before detected to and them about professal problems before

