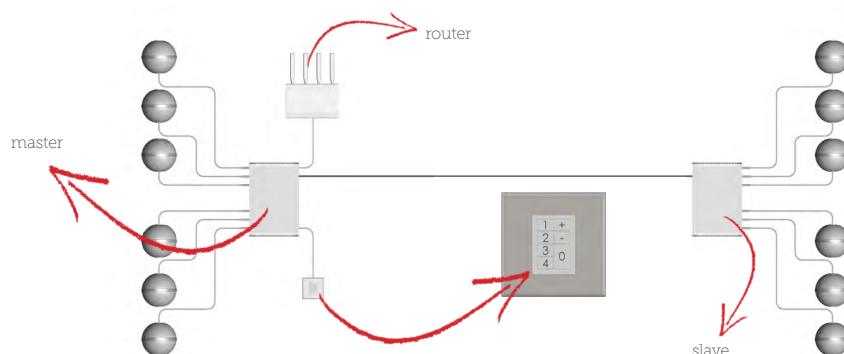


DATA SHEET

DYDELL PRO



DYDELL PRO is a unique control system, which makes it possible to control large groups of LED spheres. Location preferences can be saved and displayed.

Models		DYDELL Pro Master Controller	DYDELL Pro Slave Controller
		DYD 10-010-001	DYD 10-010-002
Input	Voltage	100~240 VAC or 127~380VDC	100~240 VAC or 127~380VDC
	Frequency	47 ~ 63 Hz	47 ~ 63 Hz
	Current	3A max.	3A max.
	P.F.C.	> 0.95	> 0.95
	Ethernet connector	1	0
	DALI Connector	1	1
	DYDELL Pro BUS system	1	1
I/O connector	1	1	
Protection	Overload	auto power limiting	auto power limiting
	Over Voltage	27.6 ~ 31VDC	27.6 ~ 31VDC
	Short Circuit	Shutdown, auto recovery after fault has been removed	
Output	Max. Output Power	120W	120W
	Voltage (VDC)	24V	24V
	min. Load	0A	0A
	Rated Load	5A	5A
	max. Load	5A	5A
	Tolerance	± 1%	± 1%
	Ripple & Noise (max)	150mV	150mV
	Efficiency (min)	>81%	>81%
	LEDspheres connectors	6	6
	DALI Connector (Power line)	1	1
DYDELL Pro BUS system	1	1	
I/O connector	1	1	
Case	Dimensions H x W x D(mm)	150 x 200 x 120 mm	150 x 200 x 120 mm
	WEIGHT (gram)	3250	3250
	Material	Sheet steel	Sheet steel
	Finish	Structured	Structured
	Colour	RAL 7035 grey	RAL 7035 grey
	Ingress protection rating	IP55	IP55
	Mechanical protection rating	IK08	IK08
	Standard Compliance with enclosure standard IEC 62208 and the RoHS directive.		
Environment	Temperature	Operating: -15 ~ 50°C	
	Humidity	Operating: 5% ~ 95% RH (non condensing)	
M.T.B.F.	> 210K hours (according to MIL-HDBK-217F at 25°C environment)		
Cable	Cable specifications DYDELL Pro Master/Slave Controller and DYDELL LED Spheres		
	Max. Length (m)	15	15
	Max. Cable Jacket diameter (mm)	5	5
	Min. Wire Cros sectional area (mm²)	0.5	0.5
	Amount of conductors	3	3
	Cable specifications DYDELL Pro BUS system (between DYDELL Pro Master and DYDELL Pro Slave Controller)		
	Max. Length (m)	100	100
	Max. Cable Jacket diameter (mm)	5	5
	Min. Wire Cros sectional area (mm²)	0.5	0.5
	Amount of conductors	3	3
	Cable specifications DALI Power line (between DYDELL Pro Master/Slave Controller and DALI Control Panel)		
	Max. Length (m)	100	100
	Max. Cable Jacket diameter (mm)	5	5
	Min. Wire Cros sectional area (mm²)	1	1
	Amount of conductors	2	2
SAFETY	Approved:	CE	CE