



RGB+Plus Line Network Data Box NDB-PRO

Control	
Input	up to 16 universes
LED Outputs	8
Chipset Support	RGB+/3W, RGB+2/4W, RGBW+/3W, RGBW+2/4W, WS2811, WS2818, (Rainmin specialty items), WS2812B, SK6812, GS8206/8, UCS2903, TM1804, SM16703, APA104 (3d party)
Max Lights across all Outputs	variable on chipset type, 345-613 per output with proper power injections
Max Lights per Output	460 w/ inline power injections
Max Smart T's per Output	32
External Interface	2 x RJ45 ports; part of internal 3-port network switch; support 10 or 100 megabit ethernet at full or half-duplex.
Protocols	ArtNet 4 (not all functions), E1.31/sACN, DDP
Default Ethernet IP Address	10.0.0.100
Max NDB-PRO in Ethernet Network	none
Wi-Fi	Yes, on-board UI for controlling, monitoring & data reception.
Default Wi-Fi IP Address	192.168.2.2
Max NDB-PRO in Wi-Fi Network	none
Remote Access	yes, on-board via Configuration Menu
Built-in Effects	Yes, 15 + 5-custom color selection
Show Mode	Yes, 2
Reverse Output Sequence	yes, optional
Firmware Updates from Web Interface	yes, via ethernet or WiFi
Hard Reset Button	yes, on bottom, 3-function
Electrical & Safety	
PSU Included	no, but MeanWell HLG-320 will match mounting holes
Input Power	7-24 VDC
Max current	32 Amps
Fuse Type (per output)	5-Amp ATM (standard; 4A needed to maintain UL @ 24Vdc)
*Inline power injection	via Minleon Power T+'s & RGB+5A-12v or RGB+4A-24v
Certifications	UL listed, IP 44
Dimensions	
Box dimensions	10 x 5 .5 x 2.25 inches
Output cable length	9.5 inches
Weight	2.5 lb.
Housing	cast aluminum
Mounting Option	yes, screw holes; truss mount sold separately
Operating Temperature	Neg -10 to +50 Cel. / 14 to 122 Far.

*Specifications as of February 2025 and are subject to change.



In 2025, the NDB-Pro will support Remote Access for off-site control. Simply update the firmware to version 3.5 or higher, and connect to an on-site Internet router.



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