Copper Hub Product Specifications
CHB-8C-02

Overview
The Hub supplies a total of eight CrewNet ports to allow extended interconnection for a variety of CrewCom devices.

Key Features
- Eight CrewNet ports
- Eighth port is shared, either duplex LC Single Mode Fiber or copper
- Supplies line power over CrewNet to supported devices (copper ports 2**–**8)
- Front and rear panel status indicators
- Micro USB connection for firmware updates
- Dual powering options
  - » Network power (Power-over-CrewNet via port 1)
  - » External power (48VDC) (recommended)
- Standard 1RU half-rack size, forward or rear-facing orientation (rack kit sold separately)
- Integrated Ping function, which uses all LEDs to physically identify a target device

What's in the Box?
- CHB-8C-02 — Copper Hub
- 00003402 — USB A to Micro B cable
- PC-CAT5-6BL — Cat 5e cable, 1.8 m (6 ft.)
- 00002620 — Rubber Feet (4)
- PPS-48V-02* — 48VDC External Power Supply
- D0000288 — Product Overview Guide
- D0000219 — Warranty Extension Registration Card

Accessories
- PAC-RMK-S — Single 1 RU Half-Rack Mount Kit
- PAC-RMK-D — Dual 1 RU Half-Rack Mount Kit

Specification**	CHB-8C-02
CrewNet Ports (8 total connections)	(7) RJ-45 for copper; (1) RJ-45 for copper or duplex LC for Single Mode Fiber
Maximum CrewNet Line Length	Copper 100 m (330 ft.); Fiber 10,000 m (32,800 ft.)
External Power In	48VDC Power Supply
Power-over-CrewNet (PoC) In	Port 1 (RJ-45)
Power-over-CrewNet (PoC) Out	Sourced by PoC: Ports 2–8 Sourced by external power: Ports 2–8
Dimensions (L x W x H)	21.9 cm × 4.4 cm × 22 cm (8.62 in. × 1.73 in. × 8.68 in.)
Weight	794 g (1.75 lbs)
Operating Environment	-20° to 50° C (-4° to 122° F); 10% to 90% Humidity.
Maximum Altitude	2,000 m (6,562 ft.)
RoHS	Yes
Compliance Model Number	HB2520
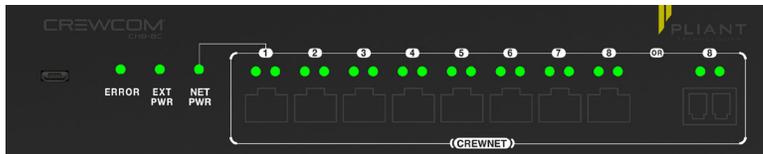
CHB-8C-02: Copper Hub
Front View
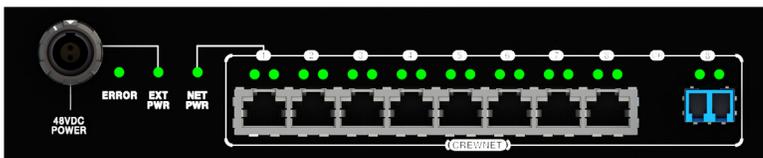
CHB-8C-02: Copper Hub
Rear View

* CHB-8C uses the PPS-48V power supply. CHB-8C-02 uses PPS-48V-02.

** Notice About Specifications: While Pliant makes every attempt to maintain the accuracy of the information contained in this document, this information is subject to change without notice, and published device/system functions and features are subject to firmware version. Please check our website for the latest system specifications and certifications.

CHB-8C_DATASHEET_11.18

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