MNC 1800/1850

Marine Network Controllers

WAVE WiFi CONNECTIVITY SOLUTIONS

Overview

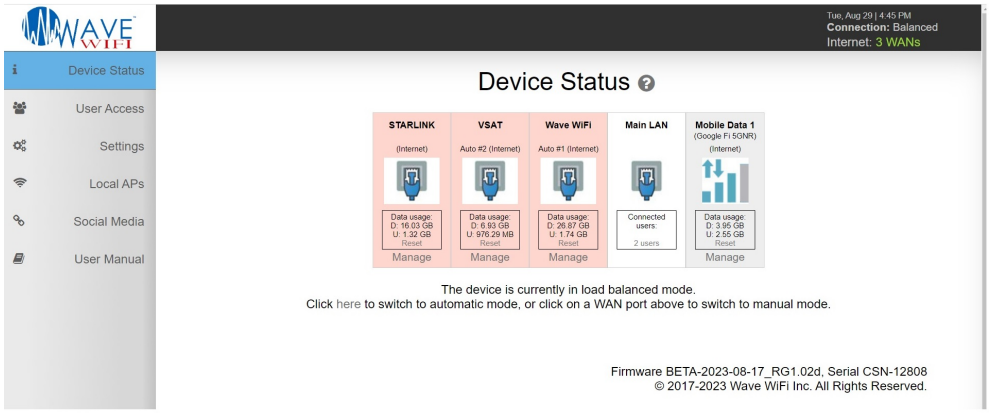
The MNC 1800/1850 have built in 2.4Ghz+5Ghz access points to wirelessly distribute internet on board. Many internet sources can connect through this router, including any of Wave WiFi's receivers as well as through the two SIM slots (MNC1850 only) available on the unit. The MNC 1800 Series routers are more feature rich and faster with AX WiFi protocols than its predecessors.

Features

- Hosts Multi-Active WAN/Internet Sources
- Multi-Operational Internet Modes Available (Manual /Auto Priority / Balanced / Dedicated)
- **Operational Internet Modes:**
- Manual/Auto Priority for primary WAN selection
- Dedicated- assigns a device to specific WAN
- Balanced (Blended)- combines WAN's using customized weighted WAN port ratios
- Data Usage(up & down) by port & by user
- Data Capping by WAN port/source
- Ping Threshold available by WAN port
- Reconfigurable Ports(WAN to LAN, etc)
- User Access Management
- Allow & Block MAC addresses
- Audit Logs/ Settings Changes
- Two SIM slots (non-concurrent)-MNC1850 only

Graphic User Interface

Our proprietary GUI (graphic user interface) provides easy access to all functions and makes connecting a breeze. Intuitive networking made easy, with the ability to configure multiple ports as WANs or LANs.



The transmission speed over the wireless LAN and the distance over which wireless LAN can reach may vary depending on surrounding electromagnetic environment, obstacles, access point design and configuration as well as client design and software/hardware configurations. The actual transmission speed will be lower than the theoretical maximum speed. *Actual distance may be affected by the strength and quality of the Hotspot signal, as well as having a clear line of sight to the boat. As we strive for constant product improvement, prices and specifications are subject to change without notice.

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WiFi AP Antennas (2.4GHz and 5GHz)

4G/5G Cellular Antennas
(MNC1850 only)

*MNC 1850 has SIM slots for 2FF Standard Size Data Only SIM cards without E911 provisioning.

**Optional Cell antenna and cables iare recommended and available for purchase separately.

Hardware

The MNC1850 has Gigabit Ethernet ports and two built-in APs (2.4Ghz and 5Ghz broadcast) for fast throughput. Multiple devices can connect either wirelessly to the AP's or directly through a LAN port. The GUI (graphic user interface) controls access and makes it easy to connect to the MNC.

Reset

Ports 2 - 4
(WANs/LANs)

Main LAN

SIM Slots
(MNC1850 Only)

12VDC

Specifications

MODEL	**MNC 1800/1850**
WIRELESS TYPE	Cellular Rx(MNC1850 only) & Dual AP Tx
ETHERNET SPEED	Gigabit Ports
CELLULAR BANDS (MNC 1850 only)	**5G NSA/SA**: N1/2/3/5/7/8/12/13/14/18/20/25/26/28/29/30/38/40/41/48/66/70/71/75/76/77/78/79 **LTE-A**: B1/2/3/4/5/7/8/12/13/14/17/18/19/20/25/26/28/29/30/32/34/38/39/40/41/42/43/46/48/66/71
INTERNAL ACCESS POINT	2.4GHZ + 5GHz 802.11AX WiFi 6 a/b/g/n/ac/ax
POWER	DC Power 12V-2A
ANTENNA CONNECTORS	(2) Fixed WiFi [AP] 2.4GHz (2) Fixed WiFi [AP] 5GHz

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