

# Enterprise 1398

**SKU:** 460072 / 461072

## FEATURES

- Optimizes mid-band 5G (3.45 - 3.98 GHz) in any building (excludes CBRS).
- After configuration, the Time Division Duplex (TDD) modem automatically syncs to the carrier network.
- Support for Full 2 X 2 MIMO with 200MHz per path.
- Network Scanning for real-time measurements of cell signal.
- Wired or LTE WilsonPro Cloud access for remote functionality.
- Install as a standalone unit or add-on to existing WilsonPro systems.
- XDR technology to virtually eliminate shutdown or signal loss.
- Color LCD touchscreen for assessing amplifier performance and viewing amplifier configuration.
- Compatible with ALL C-Band Capable phones/cellular devices, on all carriers.



**WALL MOUNT OPTION**  
(Amp Only 460072)



**RACK MOUNT OPTION**  
(Amp Only 461072)

## About

The **Enterprise 1398** is the newest C-band 5G amplifier solution from WilsonPro. The enterprise-grade amplifier is compatible with the mid-band 5G frequency operating at 3.45 - 3.98 GHz and is an excellent upgrade for existing WilsonPro systems to support additional 5G coverage. After configuring the Enterprise 1398's TDD modem, it will automatically synchronize, instantly amplifying the C-band signal and requires no additional backhaul to extend 5G right away. With included SDF, you target a specific network to amplify. The Enterprise 1398 provides dual paths, supporting 2x2 MIMO (200MHz). Alternatively, each path can be configured to amplify different frequencies (providing 400 MHz total bandwidth). The amplifier requires indoor and outdoor C-band antennas and 50-ohm coaxial cable with N-type connectors. Fits a standard (2U) rack. Carrier approval is required to operate this repeater.

## Specifications

MODEL NUMBER	460072† / 461072†
FREQUENCY	3450-3980 MHz
MAX GAIN	84 dB
MAX UPLINK POWER	28.5 dBm
MAX DOWNLINK POWER	28.3 dBm
IMPEDANCE	50 Ohm
POWER	120...240V / 50...60 Hz / 0.8...0.4A
CONNECTORS	N-Female
AMPLIFIER DIMENSIONS	3.5 x 18.7 x 13.5 in. / 3.5 x 18.9 x 14 in
AMPLIFIER WEIGHT	18.3 lbs / 18 lbs

† **WARNING:** This product can expose you to chemicals including Nickel, which is known to the State of California to cause cancer, and Bisphenol A, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## Detailed Specifications

MODEL NUMBER	460072 / 461072
FCC ID	PWO072
IC ID	4726A-072
MIMO CAPABILITY	2x2
BANDWIDTH	200 MHz per path
CONNECTORS	N-Connectors
ANTENNA IMPEDANCE	50 Ohms
FREQUENCY	3450-3980 MHz
POWER OUTPUT (Uplink) dBm	28.5
POWER OUTPUT (Downlink) dBm	28.3
NOISE FIGURE	5 dB Nominal
ISOLATION	>90 dB
POWER REQUIREMENTS	120-240VAC / 50..60Hz / 0.8..0.4A

Each Signal Booster is individually tested and factory set to ensure FCC compliance. The Signal Booster cannot be adjusted without factory reprogramming or disabling the hardware. The Signal Booster will amplify, but not alter incoming and outgoing signals in order to increase coverage of authorized frequency bands only. If the Signal Booster is not in use for five minutes, it will reduce gain until a signal is detected. If a detected signal is too high in a frequency band, or if the Signal Booster detects an oscillation, the Signal Booster will automatically turn the power off on that band. For a detected oscillation the Signal Booster will automatically resume normal operation after a minimum of 1 minute. After 5 (five) such automatic restarts, any problematic bands are permanently shut off until the Signal Booster has been manually restarted by momentarily removing power from the Signal Booster. Noise power, gain, and linearity are maintained by the Signal Booster's microprocessor.

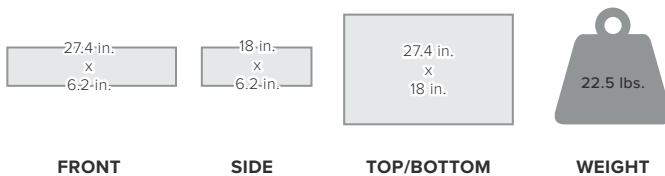
The Manufacturer's rated output power of this equipment is for single carrier operation. For situations when multiple carrier signals are present, the rating would have to be reduced by 3.5 dB, especially where the output signal is re-radiated and can cause interference to adjacent band users. This power reduction is to be by means of input power or gain reduction and not by an attenuator at the output of the device.

ASSEMBLED IN THE USA



## Package Dimensions

27.4 L x 6.20 H x 18 W



## Support



3 Year Warranty from Purchase

**Website:** [www.wilsonpro.com/support](http://www.wilsonpro.com/support)

**Phone:** +1 866 294 1660  
Monday to Saturday

## UPC

