

Pro 1100

SKU: 460147 • 461147

FEATURES

- Boosts 4G LTE and 3G cellular signal in buildings up to 35,000 sq. ft.
- FCC-approved and works with all major U.S. mobile carrier networks.
- Maximum uplink power of 25 dBm, downlink power up to 15 dBm.
- Built-in XDR technology prevents overload/shutdown from strong signal.
- On-board software auto adjusts gain to current signal environment.
- Color LCD touch screen for greater control and usability.
- Modern, intuitive amplifier design for easy wall-mount installation.
- Choice of 50 Ohm N or 75 Ohm F connectors, per cable preference.

⚠️ WARNING: Cancer and Reproductive Harm - www.P65Warnings.ca.gov.



Kit Includes

460147 50 Ohm Kit	Pro 1100 Booster	Outside Directional Antenna 314411	Inside Dome Antenna 304412	Lightning Surge Protector 859902	2ft Low-Loss Wilson400 Cable 952302	60ft Low-Loss Wilson400 Cable 952360	75ft Low-Loss Wilson400 Cable 952375
461147 75 Ohm Kit	Pro 1100 Booster	Outside Directional Antenna 314475	Inside Dome Antenna 304419	Lightning Surge Protector 859992	2ft Low-Loss RG11 Cable 951127	50ft Low-Loss RG11 Cable 951150	75ft Low-Loss RG11 Cable 951175

About

The **WilsonPro 1100** is part of the next generation professional-grade cell signal amplification technology for Wilson Electronics. The natural successor to the Pro 1000, the Pro 1100 is a surprisingly powerful cell phone signal amplifier, capable of transmitting a 4dB stronger cellular signal back to the tower—twice the power of our competition—for always-reliable cellular connectivity. This added capacity makes the Pro 1100 ideal for large homes, medical offices, commercial buildings, and retail spaces up to 35,000 square feet in coverage area.

Designed to reach distant cell towers, the Wilson Pro 1100's maximum uplink power surpasses the Pro 1000's by providing 25 dBm of available output. The Pro 1100 also features a modern, intuitive design for easier antenna connection, placing each indoor and outdoor antenna port on top of the amplifier itself. The exposed mounting flange found on the amplifier unit's corners provides simple and clean wall-mount installation.

Specifications

MODEL NUMBER	460147* / 461147*	
FREQUENCIES	Band 12	700 MHz
	Band 13	700 MHz
	Band 5	850 MHz
	Band 4	1700/2100 MHz
	Band 25	1900 MHz
MAX GAIN	70 dB	
IMPEDANCE	50 Ohms / 75 Ohms	
POWER	110 - 240 V AC, 50 - 60 Hz, 30 W	
CONNECTORS	N-Female / F-Female	
BOOSTER DIMENSIONS	9 x 10 x 2 in	
BOOSTER WEIGHT	6.28 lbs / 6.22 lbs	

Detailed Specifications

Pro 1100					
Model Number	460047 / 461047				
FCC ID	PWO460047				
IC ID	4726A-460047				
Connectors	N-Female / F-Female				
Antenna Impedance	50 Ohms / 75 Ohms				
Frequency	698-716 MHz, 729-746 MHz, 777-787 MHz, 824-894 MHz, 1850-1995 MHz, 1710-1755/2110-2155 MHz				
Power output for single cell phone (Uplink) dBm	700MHz Band12/17	700MHz Band13	800MHz	1700MHz	1900MHz
	24.0	24.0	25.0	25.0	25.0
Power output for single cell phone (Downlink) dBm	700MHz Band12/17	700MHz Band13	800MHz	2100MHz	1900MHz
	15.1	15.1	15.3	15.2	15.2
Noise Figure	5 dB nominal				
Isolation	> 90 dB				
Power Requirements	120V AC 0.5A				

The term "IC" before the radio certification number only signifies that Industry Canada technical specifications were met.

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.

This device complies with Part 15 of FCC rules. Operation is subject to two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation. Changes or modifications not expressly approved by weBoost could void the authority to operate this equipment.

Support



3 Year Warranty from Purchase



UPC

PRO 1100 - 460147
N-CONNECTOR



PRO 1100 - 461147
F-CONNECTOR

