

# GUARANTEED TO KEEP HEROES CONNECTED.

# UM50 **■**

#### **SKU**: 7021UFN

Boosts Band 12 and Band 14

Great for areas with weak signal

Frequencies: 700 MHz Band 12 & 14

Included:

\* Coverage varies on input signal





#### POWERFUL

50 dB max gain. Great for areas with extremely weak signal.

#### WIRELESS CONNECTIVITY

Wirelessly connect up to 20 cellular devices, including phones, smart phones, tablets and data cards.

### NETWORK COMPATIBILITY

Band 12 & 14 Specifically designed to work on AT&T's FirstNet network.

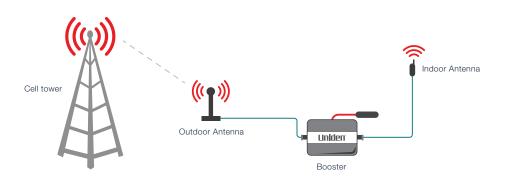
# HOW A Uniden UM50 BOOSTER KIT WORKS

### FULLY AUTOMATED GAIN CONTROL

Equipped with smart software that in real time will increase and decrease the power of the booster depending on the strength of your signal. Ensuring you have the best quality signal where and when you need it.

# AUTO SHUT OFF

Automatically shuts down the device incase of oscillation or an overloaded signal in order to prevent interference.





Support: 1-800-215-7015 \* Email: care@unidencellular.com \* unidencellular.com The Uniden trademark is owned by Uniden America Corporation and its affiliates is used under license by Siyata Mobile.

# **BOOSTER TECHNICAL SPECIFICATIONS**

# Uniden UM50 🖪

ELECTRICAL SPECIFICAT	IONS	UPLINK	DOWNLINK
Frequency Range	Band 12 Band 14	698 ~ 716 Mhz 788 ~ 798 Mhz	728~ 746 Mhz 758 ~ 768 Mhz
Band Width	Wide Band		
Max. Gain		≤45db	≥50dB
Max. Output Power		≥17dBm	≥0dBm
Automatic Level Control	≥ 31dB		
Inter-Modulation	9KHZ ~ 1GHZ	≤-19DBM	≤-19DBM
	1GHZ ~ 12.75GHZ	≤-19DBM	≤-19DBM
Spurious Emission	9KHZ ~ 1GHZ		≤-36DBM
	1GHZ ~ 12.75GHZ		≤-30DBM
Gain Flatness	≤8dB		
Noise Figure	≤9dB		
VSWR	≤2		
Group Delay	Group Delay ≤ 1.0µs		
Frequency Stability	Frequency Stability ≤0.01PPM		
LED ALARM			
Power LED	Power Indicator		
Automatic Gain Control	Uplink & Downlink Gain is automatically adjusted		
MECHANICAL SPECIFIC	ATIONS		
I / O Port	SMA-Female		
mpedance	50 ohm		
Operating Temperature	-25°C ~ +55°C		
Environmental Conditions	IP40		
Dimensions	117*113*38mm		
Weight	0.6 Kg		
Power Supply	DC 12V/3A		

