

Unication

Unication Quick Start Guide

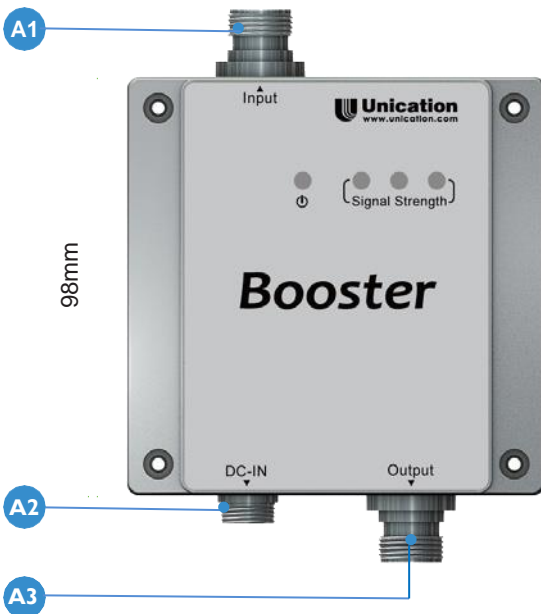
One-Way Signal Booster

1. BOOSTER OVERVIEW

• Top View

98mm

• Bottom View



- Weak Signal
- Middle Signal
- Strong Signal



• Front View

• Back View



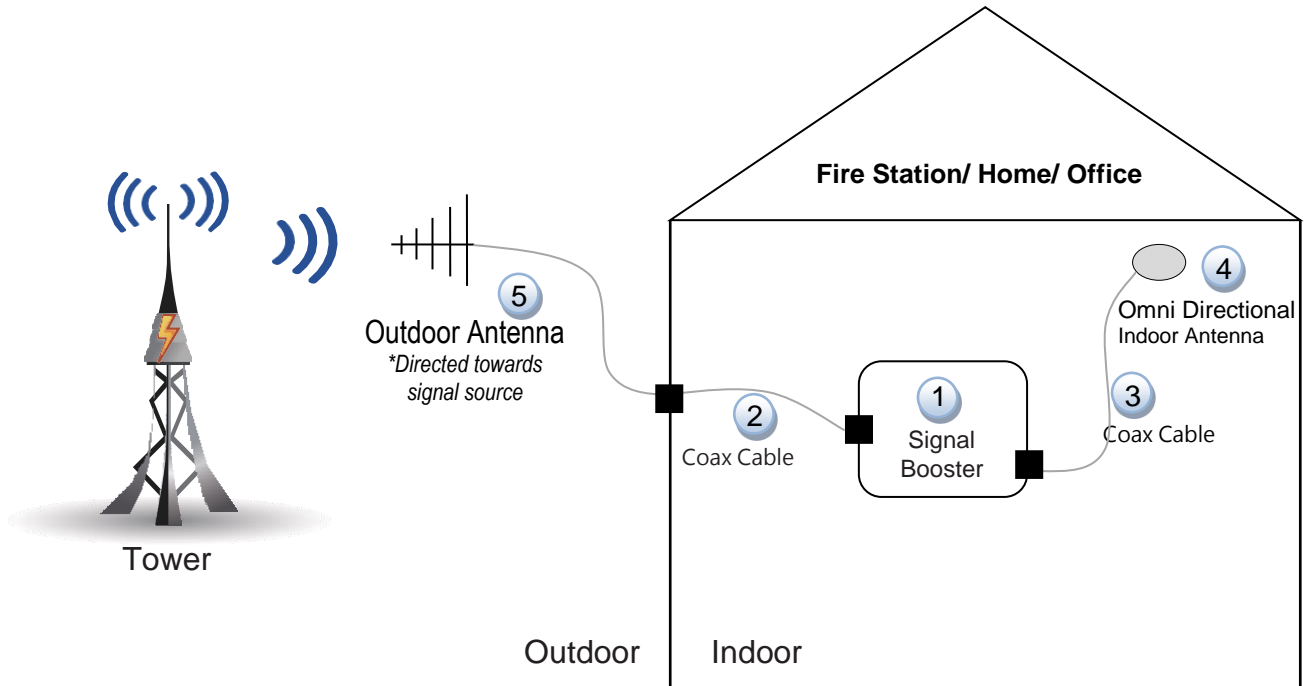
A: Interface

A1	Input prior to the signal amplification	A2	Power Input	A3	Output after signal is amplified
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B: Gain Switching

B1	Gain switch
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2. BOOSTER SYSTEM DIAGRAM



- ① One-Way Signal Booster
- ② Coaxial Cable (connecting Booster to outdoor antenna)
- ③ Coaxial Cable (connecting Booster to indoor antenna)
- ④ Indoor Antenna (Omni-Directional Antenna)
- ⑤ Outdoor Directional Antenna*
*Facing direction of signal source (distant tower)

3. BOOSTER HIGH / LOW GAIN SWITCH DIAGRAM

Initial Setup- Booster High / Low Gain Setting Configuration:

	VHF / UHF	700 MHz	800 MHz	700/800 MHz
Low Gain Mode				
High Gain Mode				

- After installation, you may adjust the Booster settings using the "Gain Switch". Configure switch as outlined above according to your frequency band(s) and desired gain setting.
- The above diagram outlines available switch positions for Low & High-Power gain in supported frequencies.
- To expand the indoor signal coverage area, position the switch to the High-Power gain setting. Important Note: If the receiving range decreases when Booster is set to High gain there is signal interference in the area. To correct, change setting to Low Gain.

4. ONE-WAY SIGNAL BOOSTER COMPONENTS

INCLUDED COMPONENTS:

- ◇ Unication One-Way Signal Booster w/ mounting hardware
- ◇ Power Cable w/ AC Adapter

ADDITIONAL COMPONENTS REQUIRED FOR OPERATION:

- ◇ External antenna (directional Yagi)
- ◇ Indoor antenna(s) (omnidirectional and/or directional)
- ◇ Coaxial interior/exterior cable (LMR400 50-ohm or comparable)

OPTIONAL COMPONENTS:

- ◇ Cable splitter for inside antennas
- ◇ Lightning protector

Unication Accessories for One-Way Signal Booster

Omni-Directional Antenna
(Indoor)



700-800 MHz

Antenna Bracket



Yagi 18 dB Gain Antenna
(Outdoor)



700-800 MHz

Power Divider



LMR400 Coax Cable
(N-Male/N-Male Connectors)



*While Supplies Lasts: 800MHz Bundle Package option available. Includes all parts needed for operation on 700-800MHz public safety system. The bundle package includes (1) Omni Directional 800MHz Internal Antenna, (1) Yagi 18 dB Gain Outdoor Antenna, (2) 10-meter LMR 400 Cables w/end connectors.

Learn more about this product at www.unicationusa.com/one-way-signal-booster

Questions? Contact Unication by email at info@unication.com



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