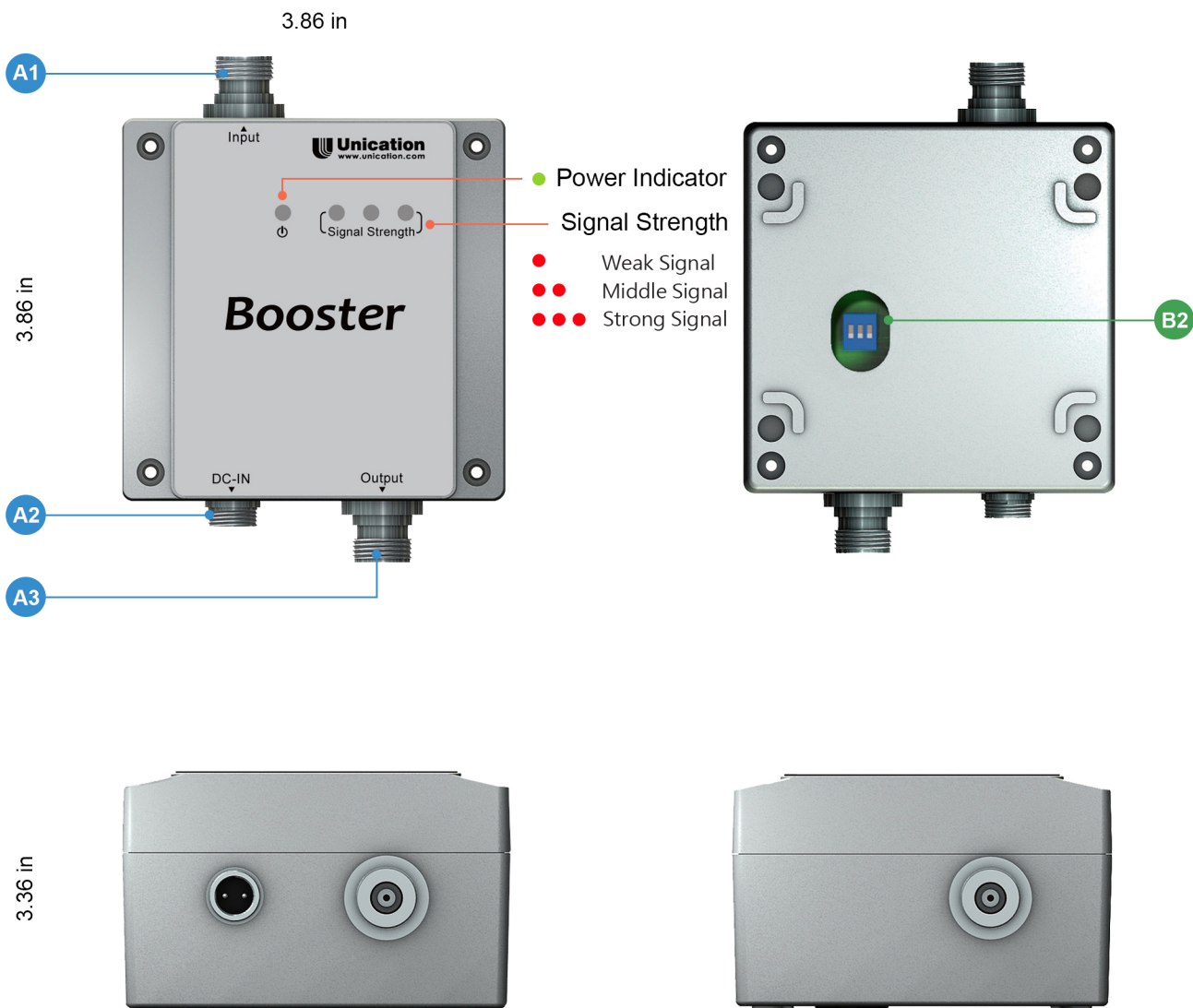




# Unication Quick Start Guide

## One-Way Signal Booster

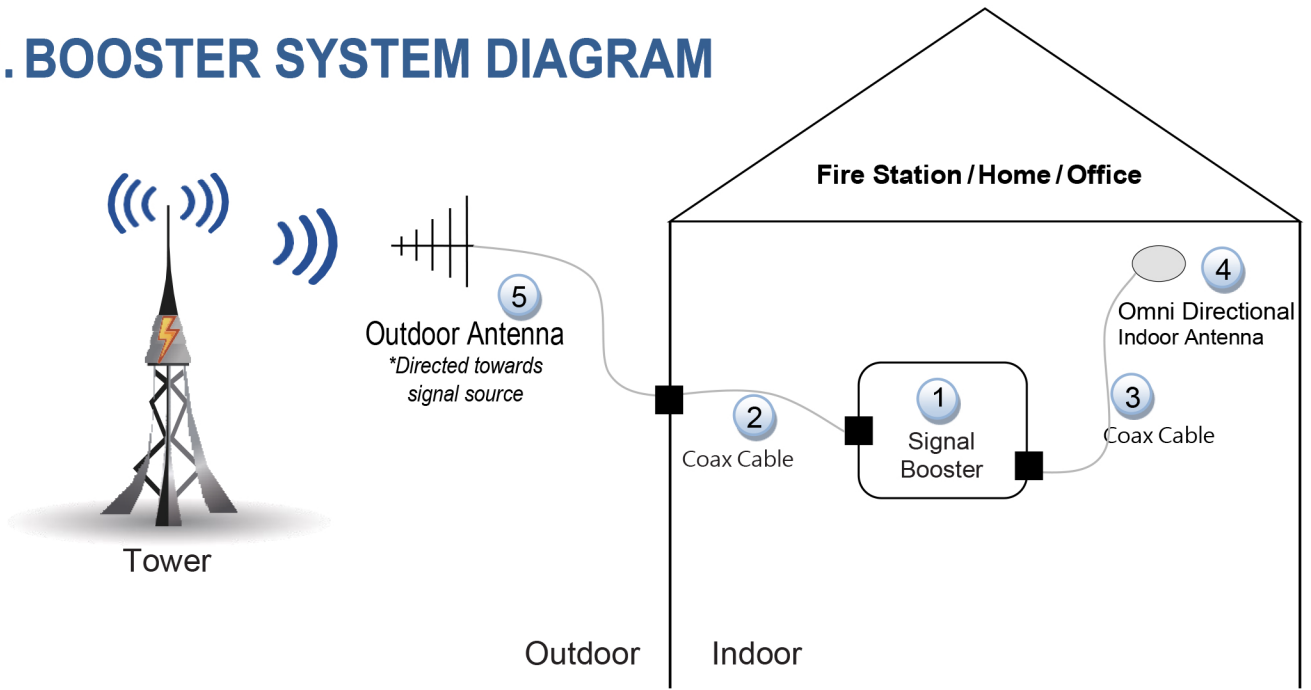
### 1. BOOSTER OVERVIEW



A: Interface					
A1	Input prior to the signal amplification	A2	Power Input	A3	Output after signal is amplified

B: Gain Switching	
B1	Gain switch

## 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 with Mounting Hardware
- ◇ Power Cable with 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: 800 MHz Bundle Package option available. Includes all parts needed for operation on 700-800 MHz public safety system. The bundle package includes (1) Omni Directional 800 MHz Internal Antenna, (1) Yagi 18dB Gain Outdoor Antenna, (2) 10-meter LMR 400 Cables with end connectors.

Learn more about this product at [www.unicationusa.com/one-way-signal-booster](http://www.unicationusa.com/one-way-signal-booster)

**Questions? Contact Unication by email at [info@unication.com](mailto:info@unication.com)**



Unication