




## Unication B1-S-A01 One Way Signal Booster User Guide

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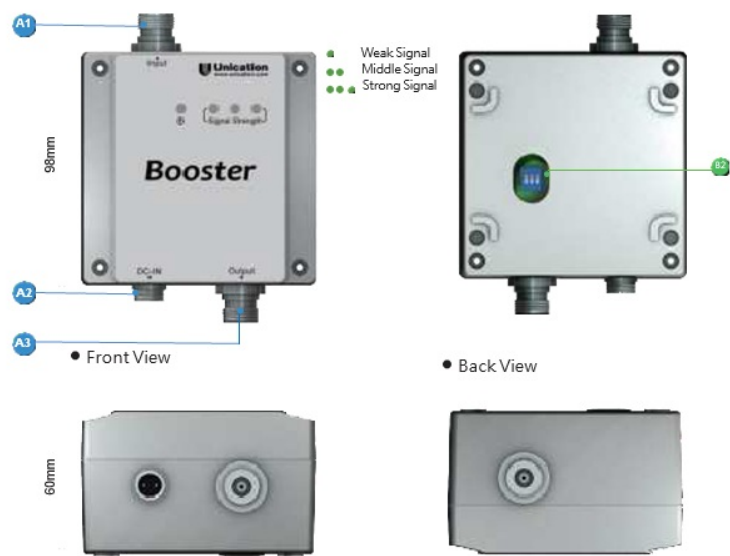


**Unication B1-S-A01 One Way Signal Booster**



BOOSTER OVERVIEW

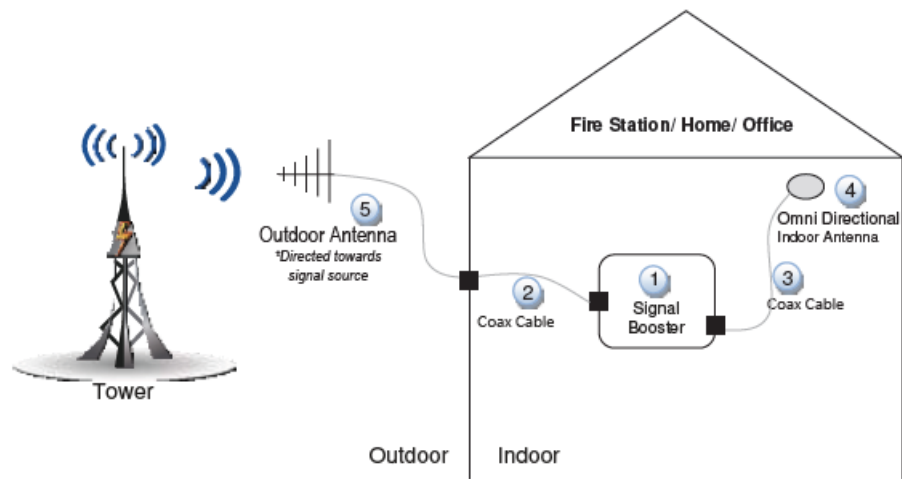
- Top View
- Bottom View



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

B: Gain Switching	
B1	Gain switch

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)

## 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				

1. 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.
2. The above diagram outlines available switch positions for Low & High-Power gain in supported frequencies.
3. 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.

## ONE-WAY SIGNAL BOOSTER COMPONENTS INCLUDED COMPONENTS:

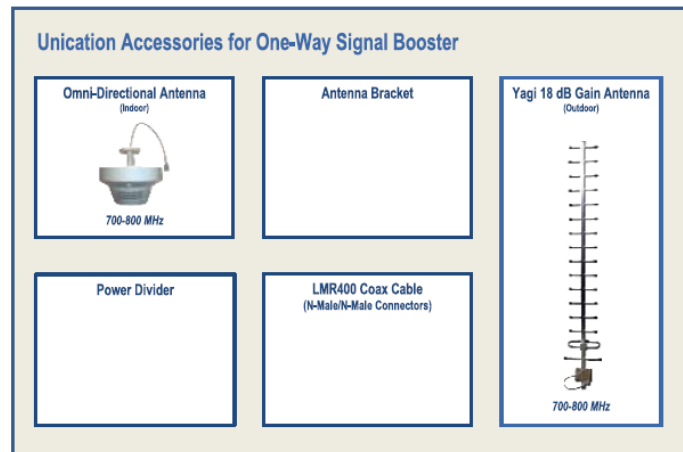
- Ubication One-Way Signal Booster w/ mounting hardware
- Power Cable w/ AC Adapter

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



\*While Supplies Lasts: 800MHz Bundle Package option available. Includes all parts needed for operation on 700-800MHz public safety system. The bundle package includes 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](http://www.unicationusa.com/one-way-signal-booster) Questions? Contact Unication by email at [info@unication.com](mailto:info@unication.com)

#### Documents / Resources

<p>The image shows the cover of the "Unication Quick Start Guide" for the "One-Way Signal Booster". It features a diagram of the booster unit and its connections, with a title bar at the top.</p>	<p><a href="#">Unication B1-S-A01 One Way Signal Booster</a> [pdf] User Guide          B1-S-A01, One Way Signal Booster, Way Signal Booster, Signal Booster, Booster, B1-S-A01</p>
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#### References

- [Unication USA](#)
- [Unication USA](#)
- [One-Way Signal Booster | Unication](#)

