

WL559E



Aztech WL559E Wall-Plugged 300Mbps Wi-Fi Repeater

About the product:

Aztech 300Mbps Wall-plugged Wireless-N Repeater, WL559E enables users to gain Wi-Fi access freely environment by picking up existing wireless signals from router or access point and bouncing off to other areas that experience unstable or inconsistent wireless coverage. The sleek and elegant design seamlessly integrates into any home environment without the sight of messy wiring or cabling.

Wi-Fi Repeater in Any Wall Outlet at Home or Office

Aztech WL559E is the latest Wi-Fi repeater model that follows WL556E, the first Wi-Fi repeater designed with an in-built power adapter. Unlike Wi-Fi repeaters that require an external power supply adapter, the innovative wall-plugged design empowers users to plug it directly into any available power outlet.

Robust 300Mbps Wireless-N Speed

300Mbps Wireless-N speed ensures faster wireless connection between devices. MIMO technology provides better overall coverage against weak Wi-Fi or Wi-Fi dead spots and enables users to stream multiple HD content wirelessly from Internet-enabled TVs, game consoles and media players without lag.

Dynamic RSSI for Intelligent Guidance to the Best Possible Wi-Fi Spot!

Received Signal Strength Indicators (RSSI) are LED indicators that intelligently determine the wireless signal strength received from the router. By reading the number of illuminated LED indicators, users can assess if the area that Aztech WL559E is plugged into is the recommended location for best Wi-Fi coverage. For example: A single illuminated LED indicates that the area where Aztech WL559E is plugged into has weak Wi-Fi coverage. The user should then plug the Wi-Fi repeater to another available wall outlet. Two LED indicators show recommended Wi-Fi coverage while three LED indicators suggest excellent coverage.

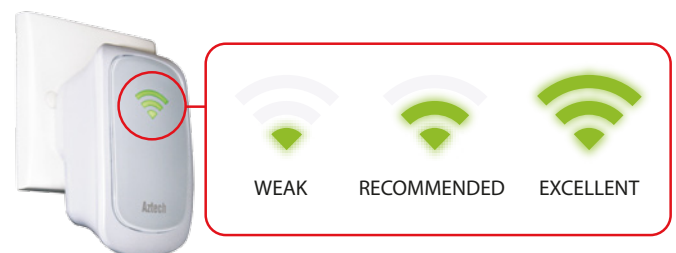
Wi-Fi Protected Setup (WPS) Button for Fast and Easy Installation

Users can automatically add Aztech WL559E to their existing network by pressing the WPS button located at the top of the product. Simply press the WPS button for approximately 5 seconds and within a span of 2 minutes, press the router's WPS button for 2 seconds. An intuitive web interface allows a step-by-step guide in the set-up process.

Key Benefits:

- Repeats wireless signal for improved Wi-Fi coverage
- Plug directly into wall outlet
- Easy and hassle-free set-up
- Intelligent RSSI indicators for best Wi-Fi spot

Product views:



Maximum wireless signal rate derived from IEEE Standard 802.11g and draft 802.11n specifications. Actual data throughput will vary. Network conditions and environmental factors, including volume of network traffic, building materials and construction, and network overhead, lower actual data throughput rate.

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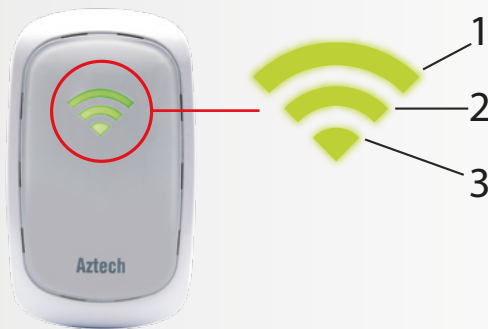
Repeat Your Wireless Coverage



ROOM 1

ROOM 2

LED Colour Behaviour



1. GREEN *LED should be ON if WL559E is connected to Router and RSSI value is equal to HIGH. *LED should be OFF while WL559E is booting up. *LED should be OFF while WL559E is doing WPS authentication.
2. GREEN *LED should be ON if WL559E is connected to Router and RSSI value is greater than or equal to MID. *LED should be OFF while WL559E is booting up. *LED should be OFF while WL559E is doing WPS authentication
3. GREEN *LED should be blinking if WL559E is NOT connected to any Router. *LED should be ON if WL559E is connected to Router and RSSI value is greater than or equal to LOW. *LED should be OFF while WL559E is booting up. *LED should be OFF while WL559E is doing WPS authentication.
- AMBER *LED should be ON during boot up. After fully bootup, LED will OFF. *LED should be blinking for 2 mins once WPS button is pressed. *LED should stop blinking and ON for 5 secs when WPS authentication is successful. Then LED should be OFF. *LED should be OFF if WL559E is connected to Router.

Specifications

Protocol/Standards	Wireless IEEE802.11b/g/n	Ethernet IEEE 802.3 10/100, IEEE802.3u, IEEE802.3ab		
Network Support	OFDM 1024/256/64/16/8 QAM, QPSK, BPSK and ROBO Modulation Scheme Wireless			
	IEEE802.11n: BPSK, QPSK, QAM-16, QAM-64	IEEE802.11g: BPSK, QPSK, QAM-16, QAM-64	IEEE802.11b: CCK, QPSK, BPSK	
Wireless Frequency Band	Europe (ETSI): 2.412GHz ~ 2.742GHz (CH1 ~ CH13)			
Security Support	Wireless: 64/128-bit WEP, WPA, WPA2			
Hardware	Key Chipset: Ralink RT3352 Network Processor + WLAN Controller	SPI FlashRom: 4M Byte (Default)	DDR2 DRAM: 64M Byte	
Platform Support	OS Independent with TCP/IP protocol installed			
Power Requirements	Supply voltage range: 100VAC – 240VAC (50/60 Hz)	Power Consumption : Less than 4W	Max Current : 0.12A	
External Connectors	1 x RJ45 for 10/100Base-T LAN	1 x Factory Default Reset Button	1 x WPS button	2 x Internal antennas
Dimension	105(L) x 58 (W) x 42 (H) mm			
Weight	160 g			
Temperature	Operating : 0 o to 40 o Celsius(32 o to 104 o Fahrenheit)	Non-Operating : -25 o to 70 o Celsius(-13 o to 158 o Fahrenheit)		
Humidity	Operating : 30% to 90% Relative Humidity (Non-Condensing)	Non-Operating : 30% to 95% Relative Humidity (Non-Condensing)		