amped|wireless

HIGHPOWER™ AC1200
WI-FI® RANGE EXTENDER

PLUG-IN | DUAL BAND | 600mW | GIGABIT

The REC22A expands the range of any standard 802.11a/b/g/n/ac Wi-Fi network by repeating the signal (2.4GHz and 5GHz) from a Wi-Fi router and redistributing it in a new, extended location. The REC22A is equipped with a total of eight amplifiers, including four 2.4/5GHz amplifiers and four low noise amplifiers. The amplifiers combined with a high gain external antenna and an internal high gain antenna provide up to 10,000 sq ft of additional Wi-Fi coverage. The Range Extender features AC1200 Wi-Fi speeds to provide enough bandwidth for the most demanding networks. It is built with one gigabit wired port for connecting and bridging an additional network device, such as a PC or TV, to your Wi-Fi network. The REC22A works with all brands of standard single or dual band Wi-Fi routers and service provider gateways. Unleash your iPads, tablets and smartphones with the most powerful, fastest, plug-in, universal Wi-Fi range extender available.

UP TO **10,000** SQ* FT

KEY FEATURES

Long Range Wi-Fi
Extend the range of any single or dual band Wi-Fi router by up to 10,000 sq ft*

Eliminate Wi-Fi Dead Spots
Achieve maximum range with 8 high power amplifiers and a high gain antenna

Ultra-Fast AC1200 Wi-Fi
Supports next-gen AC1200 Wi-Fi for 300Mbps on 2.4GHz and 867Mbps on 5GHz

Simultaneous Dual Band Wi-Fi
Repeat both 2.4GHz and 5GHz signals simultaneously for maximum bandwidth

BoostBand™ Technology
Streamline Wi-Fi traffic and increase speeds by up to 2X*

Guest Networks & User Access
Create up to 8 networks for guests and restrict access to specific users

Wi-Fi Coverage Control
Adjust the distance of your wireless network for more control

AirPlay®, AirPrint™, & Home Sharing
Works with all Apple networking features

Gigabit Network Bridge
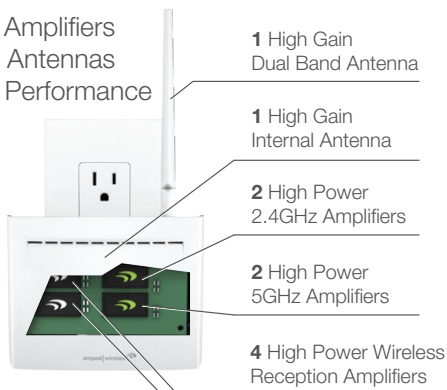Connect one additional wired device, like a Smart TV, at gigabit speeds

HOW IT WORKS

The REC22A expands the range of any standard Wi-Fi router by repeating the signal (2.4GHz and/or 5GHz) and redistributing it in a new, extended location.
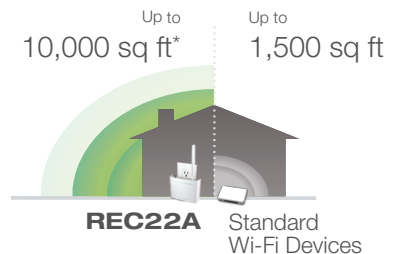
Extend Wi-Fi Coverage up to **10,000** sq ft*

Wi-Fi Range Extender

Internet   Wi-Fi Router

● 2.4GHz   ● 5GHz

HIGH POWER TECHNOLOGY

High Power Amplifiers & High Gain Antennas Boost Wi-Fi Performance

1 High Gain Dual Band Antenna

1 High Gain Internal Antenna

2 High Power 2.4GHz Amplifiers

2 High Power 5GHz Amplifiers

4 High Power Wireless Reception Amplifiers

AMPED WIRELESS DIFFERENCE

Amplifiers		
REC22A	Up to 600mW	
Standard Wi-Fi Devices	50mW	

Antennas		
REC22A	Up to 3dBi	
Standard Wi-Fi Devices	<1dBi	

Up to 10,000 sq ft*

Up to 1,500 sq ft

REC22A   Standard Wi-Fi Devices

mW = Milliwatt (Output Power Measurement)   dBi = Decibel (Antenna Gain Measurement)

PRODUCT COMPARISON

	AC600 Dual Band Compact Range Extender REC15A	AC1200 Dual Band Plug-In Range Extender REC22A	AC1200 Dual Band Range Extender REA20v2	AC1750 Dual Band Plug-In Range Extender REC33A	AC1750 Dual Band Range Extender RE1750A
SPEED PERFORMANCE					
AC600 Dual Band N+AC Speeds	●				
AC1200 Dual Band N+AC Speeds		●	●		
AC1750 Dual Band N+AC Speeds				●	●
OUTPUT POWER / COVERAGE					
Up to 500mW / 6,500 sq ft	●				
Up to 600mW / 10,000 sq ft		●		●	
Up to 800mW / 12,000 sq ft			●		●
ANTENNAS					
High Gain Antennas	1	2	2	3	3
Detachable Antennas	1	1	2	1	3
Dual Band	●	●	●	●	●
KEY FEATURES					
Discreet Plug-In Design	●	●		●	
Universal: Works with All Routers*	●	●	●	●	●
Wired Ports	1	1	5	1	5
Gigabit Ports & Power Processor		●	●	●	●
Simultaneous Dual Band Less Interference	●	●	●	●	●
USB Storage Support			●		●
Signal Strength LED		●		●	
Qualcomm® VIVE™ 11ac Technology		●	●	●	●

2.4GHz | 5GHz SIMULTANEOUS

WORKS WITH
802.11 a/b/g/n AC

SIMPLE SETUP

1. Connect your tablet, smartphone, or PC to the Range Extender
2. Access the Setup Menu
3. Scan for and select your network

▶ Step-by-Step Installation Video included

BOOSTBAND TECHNOLOGY

Increase the overall speed and performance of your extended network by streamlining dual band network traffic through a single Wi-Fi frequency band between the Router and the Range Extender.

BOOSTBAND™
Up to **2X Speed***

Router

REC22A

● 2.4GHz Wi-Fi
● 5GHz Wi-Fi

TECHNICAL SPECIFICATIONS

Wireless Standard: 802.11a/b/g/n/ac
Frequency Band: 2.4GHz / 5GHz
Wireless Speed: AC1200
Security: WEP, WPA, WPA2, WPA Mixed, WPS
User Access Controls
Adjustable Wireless Coverage
Amplifiers: 2 x 2.4GHz Amplifiers
2 x 5GHz Amplifiers
4 x Low Noise Amplifiers
Antennas: 1 x Detachable High Gain Dual Band Antenna
1 x Internal High Gain Dual Band Antennas
Port: 1 x RJ-45 Gigabit Port
Warranty: 1 Year

SETUP REQUIREMENTS

• Wireless 802.11a/b/g/n or ac 2.4GHz or 5GHz Network
• Computer, Tablet or Smartphone with Wi-Fi access and a web browser

PRODUCT CONTENTS

• High Power AC1200 Plug-In Wi-Fi Range Extender
• Detachable High Gain Dual Band Antenna
• Setup Guide
• CD: User's Guide & Installation Video

Specifications are subject to change without notice.

* Range specifications are based on performance test results. Actual performance may vary due to differences in operating environments, building materials and wireless obstructions. Performance may increase or decrease over the stated specification. Wireless coverage claims are used only as a reference and are not guaranteed as each wireless network is uniquely different. Maximum wireless signal rate derived from IEEE 802.11 standard specifications. Actual data throughput may vary as a result of network conditions and environmental factors. AC1200 wireless signal speeds achieved when connecting to other AC1200 capable Wi-Fi devices. Output power specifications are based on the maximum possible radio output power plus antenna gain.

May not work with non-standard Wi-Fi routers or routers with altered firmware or proprietary firmware, such as those from third party sources or some Internet service providers. May not work with routers that do not comply with IEEE or Wi-Fi standards.

AirPlay, AirPrint, Home Sharing are either registered trademarks or trademarks of Apple Inc. Wi-Fi, Wi-Fi Protected Setup, and WPA2 are either registered trademarks or trademarks of the Wi-Fi Alliance.

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