

## **Quick Installation Guide**

WAP-PC1750W | AC1750 ProSumer Access Point



I-1. Package Contents



- **1.** WAP-PC1750W Access Point **5.** Ethernet Cable
- **2.** Antennas x 3
- **3.** Magnetic Wall Mount x 2 &

**Screws** 

- 6. Power Adapter
- 7. Magnetic Wall Mount Screw Template

**4.** CD

#### I-2. System Requirements

- Existing cable/DSL modem & router.
- Computer with web browser for access point configuration.



#### I-3. Hardware Overview

- A. 12V DC port to connect the power adapter
- **B.** LAN port with Power over Ethernet (PoE PD, IN)
- **C.** LAN port with Power over Ethernet (PoE PSE, OUT)
- **D.** USB Port for system log
- E. Eject an attached USB device
- F. Connect a management console
- **G.** Reset the access point to factory default settings
- H. Wi-Fi Protected Setup (WPS) button
- I. Switch the access point on/off

#### I-4. LED Status

LED Status	Description		
Off	The access point is off.		
Blue	The access point is on.		
Amber	The access point is starting up.		

#### I-5. Reset

If you experience problems with your access point, you can reset the device back to its factory settings. This will reset all settings back to default.

**1.** Press and hold the reset button on the access point for at least 10 seconds. Then release the button.

# You may need to use a paperclip or pencil to push the reset button.

2. Wait for the access point to restart. The access point is ready for setup when the LED is **BLUE**.

#### I-6. Magnetic Wall Mount

The access point includes a magnetic wall mount.

**1.** Attach the two magnetic wall mount strips to your wall using the included screws, as shown below.



**2.**Press the back of your access point firmly against the two wall mounted magnetic strips, with the access point orientated as displayed above.





The WAP-PC1750W Access Point features a range of powerful functions:

- 802.11ac Dual-band Concurrent high speed wireless technology
- 16 SSIDs for Management
- PD/PSE to power an additional devices
- SNMP v1/v2c/v3
- Built-in beeper to find your device

Your access point can be up and running in just a few minutes. This quick installation guide will help to set up your access point and configure its basic settings. Please follow the instructions in the chapters below:

#### II-1. Initial Setup

- **1.** Connect the access point to a computer via Ethernet cable.
- **2.** Connect the power adapter to the access point's 12V DC port and plug the power adapter into a power supply using the included cable.



- **3.** Please wait a moment for the access point to start up. The access point is ready when the LED is **BLUE**.
- 4. Set your computer's IP address to **192.168.2.x** where **x** is a number in the range **3 100**.



DHCP is enabled on the access point by default. If no DHCP Service is found, the access point will default to IP address 192.168.2.2. **5.** Enter the access point's default IP address **192.168.2.2** into the URL bar of a web browser.



**6.** You will be prompted for a user name and password. Enter the default username "admin" and the default password "1234".

Windows Security The server 192.	168.2.2 at localhost requires a username and password.
	User name Password Remember my credentials
	OK Cancel

7. You will arrive at the "System Information" screen shown below.

					Home   Logout	Global (English)	
	Information	Network Settin	ıgs Wireles	s Settings	Managemen	t Advanced	
Information	System Infor	mation	_	_	_	_	
System Information	System						-
Wireless Clients	System						
	Model						
Wireless Monitor	Product Nam	e	COMTREND-	٩P			
> Log	Uptime		9 days 05:42:	15			
	Boot from	Boot from		гу			
	Version		1.0.5				
	MAC Address	3	00:1D:20:FF:C	8:71			
	Management	VLAN ID	1				
	IP Address		192.168.0.2	Refresh			
	Default Gate	way	192.168.0.1				
	DNS		4.2.2.2				
	DHCP Server		192,168,0,1				I
	Wired LAN	Port	State Connected (100 MI	us bos Eull-Duol	ex) Unt	LAN Mode/ID	Î
	Wired Por	t (#1) t (#2)	Disconnec	ted ()	Unt	agged Port / 1	
	Wireless 2.40	GHz					
	Status		Enabled				
	MAC Address	8	00:1D:20:FF:C	8:71			
	Channel		Ch 11 (Auto)				
	Transmit Pov	ver	100%				
	Wireless 2.40	GHz /SSID					
	SSID	Authentication Method	Encryption Type	VLAN ID	Additional Authentication	Wireless Client Isolation	
	Comtrend-2.	WPA/WPA2-PSK	TKIP/AES Mixed	1	No additional	Disabled	•
	Convright 2014	B Comtrand Ter		Il Rights Per	erved		

**8.** Next, please follow the instructions below in **II-2. Basic Settings** to configure the access point's basic settings.

#### II-2. Basic Settings

The instructions below will help you to configure the following basic settings of the access point:

- LAN IP Address
- 2.4GHz & 5GHz SSID & Security

- Administrator Name & Password
- Time & Date



It is recommended you configure these settings before using the access point.

1. To change the access point's LAN IP address, go to "Network Settings" > "LAN-side IP Address" and you will see the screen below.

P Address Assignment	DHCP Client	
IP Address	192.168.2.2	
Subnet Mask	255.255.255.0	
	From DHCP	
Default Gateway	From DHCP	
Default Gateway NS Servers		
Default Gateway NS Servers Primary Address	From DHCP	

2. Enter the IP address settings you wish to use for your access point. You can use a dynamic (DHCP) or static IP address, depending on your network environment. Click "Apply" to save the changes and wait a few moments for the access point to reload.

Apply



When you change your access point's IP address, you need to use 📤 the new IP address to access the browser based configuration interface instead of the default IP 192.168.2.2.

**3.** To change the SSID of your access point's 2.4GHz wireless network(s), go to "Wireless Settings" > "2.4GHz 11bgn" > "Basic". Enter the new SSID for your 2.4GHz wireless network in the "SSID1" field and click "Apply".

To utilize multiple 2.4GHz SSIDs, open the drop down menu labelled "Enable SSID number" and select how many SSIDs you require. Then enter a new SSID in the corresponding numbered fields below, before clicking "Apply".

Wireless	Enable Disable
Band	11b/g/n 💌
Enable SSID number	1 💌
SSID1	Generic-1750i-75EF10_G VLAN ID 1
Auto Channel	Enable Disable
Auto Channel Range	Ch 1 - 11 💌
Auto Channel Interval	One day 💌
Auto Channel Interval	Change channel even if clients are connected
Channel Bandwidth	Auto 💌
BSS BasicRateSet	1,2,5.5,11 Mbps

**4.** To configure the security of your access point's 2.4GHz wireless network(s), go to "Wireless Settings" > "2.4GHz 11bgn" > "Security". Select an "Authentication Method" and enter a "Pre-shared Key" or "Encryption Key" depending on your choice, then click "Apply".



If using multiple SSIDs, specify which SSID to configure using the ssiD" drop down menu.

SSID	Generic-1750i-75EF10_G -
Broadcast SSID	Enable 💌
Wireless Client Isolation	Disable 🔹
Load Balancing	50 /50
Authentication Method	No Authentication 💌
Additional Authentication	No additional authentication



Cancel

Apply

- **5.** Go to "Wireless Settings" > "5GHz 11ac 11an" and repeat steps 3 & 4 for the access point's 5GHz wireless network.
- **6.** To change the administrator name and password for the browser based configuration interface, go to **"Management" > "Admin"**.

Account to Manage This Dev	ice	
Administrator Name	admin	
Administrator Decoword	••••	(4-32 Characters)
Administrator Password	••••	(Con firm)
Apply		

- **7.** Complete the "Administrator Name" and "Administrator Password" fields and click "Apply".
- 8. To set the correct time for your access point, go to "Management" > "Date and Time Settings".

Date and Time Se	ttings
Local Time	2012 💌 Year Jan 💌 Month 1 💌 Day
Local Time	0 V Hours 00 V Minutes 00 V Seconds
Acquire Current Tir	ne from Your PC
NTP Time Server	
Use NTP	Enable
Server Name	
Update Interval	24 hours
fime Zone	
Time Zone (GM	T) Greenwich Mean Time: Dublin Edinburgh Lisbon London

**9.** Set the correct time and time zone for your access point using the drop down menus. The access point also supports NTP (Network Time Protocol)

so alternatively you can enter the host name or IP address of a time server. Click "Apply" when you are finished.



#### You can use the "Acquire Current Time from your PC" button if 🕰 you wish to set the access point to the same time as your PC.

10. The basic settings of your access point are now configured. Please refer to III. Hardware Installation for guidance on connecting your access point to a router or PoE switch.

#### II-3. Wi-Fi Protected Setup (WPS)

Wi-Fi Protected Setup is a simple way to establish connections between WPS compatible devices. You can use the WPS button to establish a connection between the access point and a WPS-compatible wireless device/client.

- **1.** Press and hold the WPS button on the side of the access point for 2 seconds.
- **2.** Within two minutes, activate WPS on your WPS-compatible wireless device. Please check the documentation for your wireless device for information regarding its WPS function.
- **3.** The devices will establish a connection.

**1.** Connect a router or switch to the access point's **LAN 1** port using an Ethernet cable. If powering the access point by PoE, the PoE switches **must** be connected to the access point's **LAN 1** port.



- **2.** If you are not using a PoE switch, then connect the power adapter to the access point's 12V DC port and plug the power adapter into a power outlet.
- **3.** If you are using a PoE (Power over Ethernet) switch then it is not necessary to use the included power adapter, the access point will be powered by the PoE switch.



Do not use the power adapter if you are using a PoE switch.



**4.** (Optional) Connect a local network device to the access point's LAN 2 port.

The access point's LAN 2 port can support PoE Power (IEEE 802.3af) if the access point is powered by the included 12v DC power adapter. Browser Based Configuration Interface

The browser-based configuration interface enables you to configure the access point's advanced features. The device features a range of advanced functions such as MAC filtering, MAC RADIUS authentication, VLAN configurations, up to 16 SSIDs and many more. To access the browser based configuration interface:

- **1.** Connect a computer to your access point using an Ethernet cable.
- 2. Enter your access point's IP address in the URL bar of a web browser. The access point's default IP address is **192.168.2.2**.
- **3.** You will be prompted for a username and password. The default username is "admin" and the default password is "1234", though it was recommended that you change the password during setup (see II-2. Basic Settings).



If you cannot remember your password, reset the access point back to its factory default settings. Refer to 1-5. Reset

**4.** You will arrive at the "System Information" screen shown below.



### **5.** Use the menu across the top and down the left side to navigate.

COMTREND		Home   Logout   Global (English)
	Information Network Setting	s Wireless Settings Management Advanced
Wireless Settings > 2.4GHz 11bgn	Basic	
> Basic	2.4GHz Basic Settings	
Advanced	Wireless	Enable     Disable
Security	Band	11b/g/n 🔻
WDS	Enable SSID number	1 •
> 5GHz 11ac 11an	SSID1	Comtrend-2.4g VLAN ID 1
Basic	Auto Channel	Enable     Disable
Advanced	Auto Channel Range	Ch 1 - 11 🔻
Security	Auto Channel Interval	One day
WDS	Channel Bandwidth	20 MHz
> WPS	BSS BasicRateSet	125511 Mbps
<ul> <li>RADIUS</li> <li>RADIUS Settings</li> <li>Internal Server</li> <li>RADIUS Accounts</li> <li>MAC Filter</li> <li>WMM</li> </ul>		Apply Cancel
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6. Click "Apply" to save changes and reload the access point, or "Cancel" to cancel changes.



Please wait a few seconds for the access point to reload after you 🃣 "Apply" changes.



NOTE: For instructions on advanced features, FAQ, etc., please visit our online Product Webpage:

http://us.comtrend.com/products/public/product/home-networking/wap-pc1750w.html



Webpage QR Code

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