

MEDIALINK User Guide



Travel Wi-Fi Router

Model No: MWN-TR150N

150 Mbps



Important Safety Information

To prevent fire or shock hazard, do not expose this product to rain and moisture. For example: do not use near a bathtub, washbowl, kitchen sink, or laundry tub, in a wet basement, or nearby a swimming pool. To avoid electric shock, do not take apart this product, provided as an accessory. This product should be operated only under power supply. Do not overload wall outlets and extension outlets as this can result in the risk of fire or electric shock.

FCC Statement

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna
- Increase the separation between the equipment and receiver
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
- Consult the dealer or an experienced radio/TV technician for help

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Caution

- To comply with FCC RF exposure compliance requirements, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons.
- This Transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.
- Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user authority to operate the equipment.

1. Package Contents

- One Travel Wi-Fi Router
- One User's Manual

2. Product Layout

A. LED

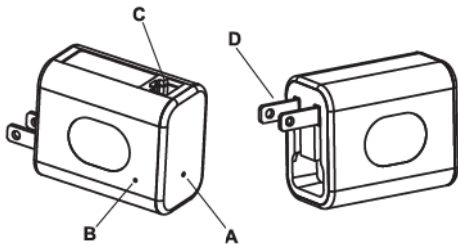
Indication	Status
Dark	Power OFF
Green Light	Power ON
Flashing	The Ethernet port is sending or receiving packets

B. Reset

- Plug in Travel Router first. Allow 15 seconds for it to finish booting. LED will stay green.
- Then press and hold the recessed Reset button until the LED turns ORANGE and release. Allow 15 seconds to finish resetting.

C. Ethernet Port

D. Power Plug



3. Setup

A. Physical Connection

- Plug the Travel Router into an Electrical outlet.
- Allow 15 seconds for it to finish booting. LED will change from Orange to Green twice then it will stay green.

4. Operation Modes

A. Wireless Router (See pages 2~8)

- Connect to an existing network or modem via Ethernet.
- Provides WiFi Internet access only.

B. Wireless Access Point (See pages 9~11)

- Connect to an existing network via Ethernet.
- Provides WiFi access to the existing network and Internet.

C. Client/Repeater (See pages 12~15)

- Connect to an existing WiFi network wirelessly.
- Provides WiFi and/or Ethernet access to the existing network and Internet.

5. Wireless Router Mode Setup

(This is the default operation mode.)

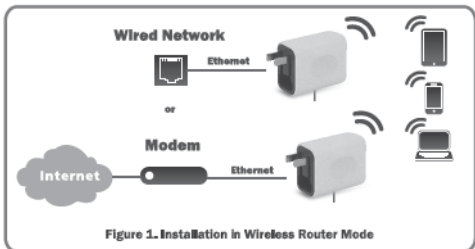


Figure 1. Installation in Wireless Router Mode

5. Wireless Router Mode Setup (Cont')

A. Physical Connection

- Connect one end of an Ethernet cable to the Ethernet port on the bottom of the Travel Router.
- Connect the other end of the Ethernet cable to an Ethernet port of any modem or existing network.
- When the LED is flashing, there are packets being sent or received by the Travel Router.

B. Connect to the Travel Router Wirelessly

- Use a WiFi client (ie: tablet or laptop) to find the SSID (name of network) of the Travel Router. The default SSID is "Medialink_XXXXXX". (XXXXXX are the last six numbers of each Travel Router's MAC address.)

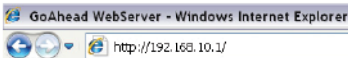
The default security mode is disabled. Click the SSID to join the Travel Router's WiFi Network.



5. Wireless Router Mode Setup (Cont')

C. Login to Web-Based User Interface

- Once your WiFi client is connected to the router use a web browser (ie: Firefox, Safari, etc.) to open the web-based user interface. In the address bar type the router's default IP address `http://192.168.10.1` and click "Enter" on your keyboard.



- When prompted, enter the "Username" and "Password" and click "OK".

Default Username: admin

Default Password: admin



5. Wireless Router Mode Setup (Cont')

D. Configure Your Internet Connection (If Necessary)

- If you already have a working Internet connection through the Travel Router you can skip to step 5E.
- Click "Internet Settings" > "WAN"

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Travel Wi-Fi Router - Web Configuration

from all | close all

Travel Wi-Fi Router

- Operation Mode
- Internet Settings
 - WAN
 - LAN
 - DHCP clients
- Wireless Settings
- Administration

Wide Area Network (WAN) Settings

Select a connection type. PPPoE or Static IP may be required when connecting directly to a modem. Otherwise DHCP (Auto config) is appropriate for most connections.

WAN Connection Type: [v]

DHCP Mode: [v]

Hostname (optional):

Apply Cancel

- DHCP is the default WAN setting and it is the most common but some DSL modems require PPPoE.

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Travel Wi-Fi Router - Web Configuration

from all | close all

Travel Wi-Fi Router

- Operation Mode
- Internet Settings
 - WAN
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 - DHCP clients
- Wireless Settings
- Administration

Wide Area Network (WAN) Settings

Select a connection type. PPPoE or Static IP may be required when connecting directly to a modem. Otherwise DHCP (Auto config) is appropriate for most connections.

WAN Connection Type: [v]

PPPoE Mode: [v]

Username:

Password:

Operation Mode: [v]

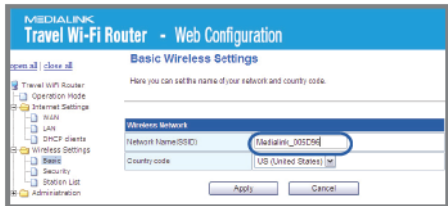
Apply Cancel

- PPPoE connections require a Username and Password provided by your ISP.

5. Wireless Router Mode Setup (Cont')

E. Change The Name of Your WiFi Network (Optional)

- Click "Wireless Settings" > "Basic"



- You can change the Network Name (SSID) here. Click "Apply" when finished.
- If you choose to change the name, you will see a progress bar:



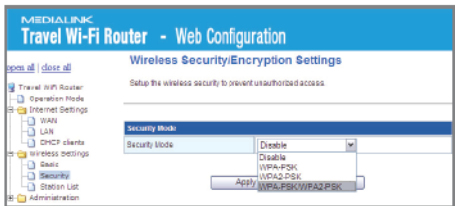
- Your WiFi client will be disconnected from the router when the router is finished rebooting.
- Reconnect to the Travel Router with the new SSID you have just created.

5. Wireless Router Mode Setup (Cont')

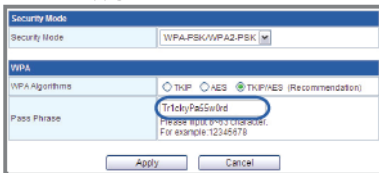
F. Secure Your WiFi Network (Recommended)

- Click “Wireless Settings” > “Security”

- From the drop down list, select “WPA-PSK/WPA2-PSK”.



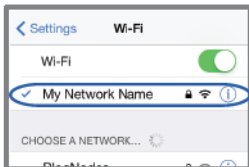
- Create a case-sensitive password that is at least 8 characters in the text box next to “Pass Phrase”. (This password is what you will use to wirelessly connect any of your WiFi clients to the router.)
- Click “Apply” when finished.



5. Wireless Router Mode Setup (Cont')

G. Reconnecting to Your Secure WiFi Network

- Your WiFi client will be disconnected from the router once it is finished rebooting.
- You may need to delete your network settings on your WiFi client (sometimes referred to as "Forget Network").

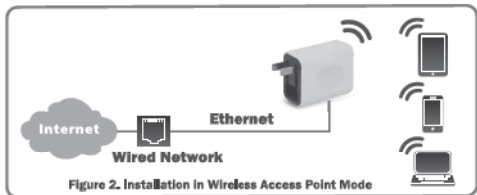


- Then reconnect to the Travel Router using the password you have just created.

6. Wireless Access Point Mode Setup

A. Physical Connection

- Plug the Travel Router into an electrical outlet.
- Connect an Ethernet cable from the Ethernet port on the Travel Router to an Ethernet port of an existing network.



B. Connect Wirelessly and Login to Travel Router

- See pages 3~4 of this User Manual for help.

C. Configure your WiFi Name and Password

- See pages 6~7 of this User Manual for help.

6. Wireless Access Point Setup (Cont')

D. Configure the Operation Mode

- Click "Operation Mode" and select "Wireless Access Point".

The screenshot shows the Medialink Travel Wi-Fi Router Web Configuration interface. The page title is "Operation Mode Configuration". A sidebar on the left contains navigation links: "Travel Wi-Fi Router", "Operation Mode", "Ethernet Settings", "Wireless Settings", and "Administration". The "Operation Mode" link is highlighted with a blue circle. The main content area is titled "Operation Mode Configuration" and contains the instruction: "Choose an operation mode for the Travel Wi-Fi Router." Below this, there are three radio button options: "Wireless Access Point" (which is selected and circled in blue), "Wireless Router", and "Client/Repeater". Each option has a brief description of its functionality. At the bottom of the page, there are "Apply" and "Cancel" buttons.

- Click "Apply" to reboot and apply the change.
- You will see a progress bar like the one below.



Please don't turn off the power, Now Loading...100%

- Once the router is finished rebooting your WiFi client will have access to the existing network.

6. Wireless Access Point Setup (Cont')

D. Logging Back Into the Travel Router

- If you need to login to the Travel Router once it is in **Wireless Access Point Mode**, you will need to manually assign an IP Address to your WiFi client or Reset the Travel Router using the pinhole on the side.
- To manually set a static IP Address to your WiFi client, use the following:
IP Address: 192.168.10.2
Subnet Mask: 255.255.255.0
Router (Default Gateway) : 192.168.10.1
DNS: 8.8.8.8

Wi-Fi Medialink_005D96

Forget this Network

IP ADDRESS

DHCP BootP **Static**

IP Address	192.168.10.2
Subnet Mask	255.255.255.0
Router	192.168.10.1
DNS	8.8.8.8
Search Domains	

7. Client / Repeater Mode Setup

A. Physical Connection

- Plug the Travel Router into an electrical outlet.

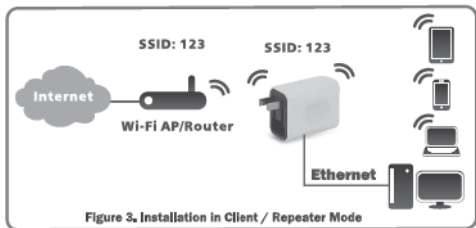


Figure 3. Installation in Client / Repeater Mode

B. Connect Wirelessly and Login to Travel Router

- See pages 3~4 of this User Manual for help.

C. Configure the Operation Mode

- Click “Operation Mode” and then select “Client / Repeater Mode”.

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Travel Wi-Fi Router - Web Configuration

[open all](#) | [close all](#)

- Travel Wi-Fi Router
- Operation Mode**
- Wireless Settings
- Administration

Operation Mode Configuration

Choose an operation mode for the Travel Wi-Fi Router.

- Wireless Access Point:**
Connects via Ethernet to an existing network. All devices that connect wirelessly to the Travel Wi-Fi Router will have full access to the Internet, each other and the existing network.
- Wireless Router:**
Connects via Ethernet to an existing network or modem. All devices that connect wirelessly to the Travel Wi-Fi Router will also have access to the Internet and each other.
- Client/Repeater:**
Connects wirelessly to an existing Wi-Fi network. All devices that connect via Ethernet or wirelessly to the Travel Wi-Fi Router will have full access to the Internet, each other and the existing network.

Note: After the Travel Wi-Fi Router has been setup using Wireless Access Point or Client/Repeater mode, you must reset the router using the pinhole on the side for 8 seconds or manually configure your PC's IP settings in order to regain access to these settings pages.

7. Client / Repeater Mode Setup (Cont')

- Click "Apply" to reboot and apply the change.
- You will see a progress bar like the one below.

Please don't turn off the power. Now Loading...100%

- When the router is finished rebooting you will see a list of WiFi networks in your area.

Client/Repeater Settings

Select a wireless network in the Station Site Survey below and then enter the Pass Phrase (wireless password) to connect.

Add Profile	
SSID	<input type="text" value="MWNWAP300N"/>
MAC address (Optional)	<input type="text" value="14:35:8b:10:c2:3c"/>
Security Mode	<input type="text" value="WPA2PSK"/>
Encryption Type	<input type="text" value="AES"/>
Pass Phrase	<input type="text"/> Please enter password.

Station Site Survey						
Channel	SSID	MAC address	Security Mode	Encryption Type	Signal(%)	Wi-Fi Mode
3	suubi@rd1.1.br	14:35:8b:05:7d:a0	WPA1 PSK/WPA2PSK	AES	100	11b/g/n
6	EltopVooDes	01:01:66:a0:80:8a	WEP	NONE	0	11b/g
6	M427E	f8e4:b:78:ef:9e	WPA2PSK	AES	0	11b/g/n
6		01:01:61:7f:47:20	WEP	NONE	0	11b/g
6		01:01:61:7f:47:21	WEP	NONE	15	11b/g
6	VodP_Guest	01:01:61:7f:47:22	WPA1 PSK/WPA2PSK	TKIP/AES	15	11b/g
6	MR Moving	c0:c1:c0:92:aa:4f	WPA1 PSK/WPA2PSK	TKIP/AES	0	11b/g/n
11	CabanaVF	01:01:67:35:05:7b	NONE	NONE	0	11b/g/n
11	MRACWV	14:35:8b:0f:5d:48	WPA1 PSK/WPA2PSK	TKIP/AES	100	11b/g/n
11	MWNWAP300N	14:35:8b:10:c2:3c	WPA1 PSK/WPA2PSK	TKIP/AES	86	11b/g/n
11		01:01:67:35:05:7c	WPAPSK	AES	0	11b/g/n

7. Client / Repeater Mode Setup (Cont')

D. Connect Travel Router to a WiFi Network

- Choose a WiFi network from the list in the “Station Site Survey” and click the “SSID”.

Client/Repeater Settings

Select a wireless network in the Station Site Survey below and then enter the Pass Phrase (wireless password) to connect.

Add Profile	
SSID	MWNWAPR300N
MAC address (Optional)	14:35:8b:10:c2:3c
Security Mode	WPA2PSK ▼
Encryption Type	AES ▼
Pass Phrase	<input type="text"/> Please enter password.
<input type="button" value="Apply"/> <input type="button" value="Cancel"/> <input type="button" value="Scan"/>	

Station Site Survey						
Channel	SSID	MAC address	Security Mode	Encryption Type	Signal(%)	Wi-Fi Mode
3	veribard11_Br	14:35:8b:05:7d:a0	WPA1PSK/WPA2PSK	AES	100	11b/g/n
6	BlogNodes	00:0f:66:a0:10:8a	WEP	NONE	0	11b/g
6	M4Z7E	8e:e4:fb:78:ef:9e	WPA2PSK	AES	5	11b/g/n
6		00:0f:61:7f:47:20	WEP	NONE	5	11b/g
6		00:0f:61:7f:47:21	WEP	NONE	15	11b/g
6	VoIP_Guest	00:0f:61:7f:47:22	WPA1PSK/WPA2PSK	TKIP/AES	15	11b/g
6	MS_Network	c0:c1:c0:99:ee:4f	WPA1PSK/WPA2PSK	TKIP/AES	0	11b/g/n
11	CableWiFi	00:0d:87:35:05:76	NONE	NONE	0	11b/g/n
11	M4N4M4	14:35:8b:0f:6d:48	WPA1PSK/WPA2PSK	TKIP/AES	100	11b/g/n
11	MWNWAPR300N	14:35:8b:10:c2:3c	WPA1PSK/WPA2PSK	TKIP/AES	86	11b/g/n
11		00:0d:87:35:05:7c	WPA2PSK	AES	0	11b/g/n

- Enter the password for the WiFi network in the text box next to “Pass Phrase” if necessary.
- Click “Apply” to reboot the router and complete the connection.

7. Client / Repeater Mode Setup (Cont')

D. Reconnect to the Travel Router

- **The SSID and Password of your Travel Router will now be the same as the WiFi network to which you connected the Travel Router. You can now connect any network device to the Travel Router via Ethernet or WiFi.**
- **If you need to login to the Travel Router once it is in Client / Repeater Mode, you will need to manually assign an IP Address to your WiFi client or Reset the Travel Router using the pinhole on the side.
(See page 11 of this User Manual for help.)**

WEEE Directive & Product Disposal



At the end of its serviceable life, this product should not be treated as household or general waste. It should be handed over to the applicable collection point for the recycling of electrical and electronic equipment, or returned to the supplier for disposal.

TTD-5100
408-000771-00

MEDIALINK

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