

## How to setup repeater mode on A1004?

It is suitable for : A1004 A3

#### **Application introduction:**

Repeater mode expands the upper-level wireless signal by wireless to extend the wireless signal to a farther distance. Here is an example of A1004.



### Set up steps

#### STEP-1: Assigned manually IP address

A1004 LAN IP address is 192.168.0.1, please type in IP address 192.168.0.x ("x" range from 2 to 254), the Subnet Mask is 255.255.255.0 and Gateway is 192.168.0.1.

rnet Protocol Version 4 (TCP/IPv4) Properties	× Ethernet Properties	X Help			MU NO
		Ethernet status	>	et up connections	C.
eral	Networking Sharing	General			H.
a can get IP settings assigned automatically if your network suppor	rts Connect using:			Access type: No petwork access	
capability. Otherwise, you need to ask your fork administrato the appropriate IP settings.	Pr Realtek PCIe GBE Family Controller	Connection	No. and the design of the second	Connections:	
		figure IPv4 Connectivity:	No network access		
) Obtain an IP address automatically	This connection uses the following items:	Media State:	Enabled		
Use the following IP address:	V Qoo S Packet Scheduler	Duration:	00:03:39		
P address: 192 . 168 . 0 . 10	✓ Internet Protocol Version 4 (TCP/IPv4)	5 Speed:	100.0 Mbps		
Subnet mask: 255 . 255 . 255 . 0	Microsoft Network Adapter Multiplexor Proto	Details		on; or set up a router or access point.	
Default gateway:	Internet Protocol Version 6 (TCP/IPv6)				
	Link-Layer Topology Discovery Responder			troubleshooting information.	
Obtain DNS server address automatically	✓ Link-Layer Topology Discovery Mapper I/O Dri	ver v Activity			
Use the following DNS server addresses:	2		Received		
Preferred DNS server:	Install Uninstall Pro	perties	all a		
Alternate DNS server:	Description	Bytes: 437 .,11	1 342,800,792		
	Allows your computer to access resources on a Micro network	soft			
Validate settings upon exit Advanced.		Properties 😔 Disable	Diagnose		
OK Car	OK	Cancel	Close	19	
	Incince	pions			



Open the browser, clear the address bar, enter **192.168.0.1** to the management page, click **Advance setup**.



The repeater mode supports both 2.4G and 5G. Here's how to set up 2.4G first, then set 5G.

#### STEP-3: 2.4G repeater settings

3-1. 2.4GHz wireless setting

1 Click Wireless Setup -> 2 Select 2.4GH Basic network -> 3 Set Wireless SSID->

4 Set Wireless Password -> 5 Click Apply.

5 GHz Basic network TOTOLINK_A1004_5G		₹	on
2.4 GHz Basic network TOTOLINK_A1004		Ŧ	on
Select guest network			
2.4 GHz Default wireless network			
Network SSID TOTOLINK_A1004 3.0adcast SSID			
Channel 11 [ 2.462 GHz, UPPER ]  Channel Search			
Auth WPA2PSK + AES (Recomment			
Password			
2.4 GHz Wireless advance setup 🔻			
	5 GHz Basic network TOTOLINK_A1004_5G   2.4 GHz Basic network TOTOLINK_A1004   Select guest network 3   2.4 GHz Default wireless network   Network SSID   TOTOLINK_A1004   Channel   11[2.462 GHz,UPPER]   Auth   WPA2PSK + AES (Recomment)   Password     2.4 GHz Wireless advance setup     2.4 GHz Wireless advance setup	5 GHz Basic network TOTOLINK_A1004_56   2.4 GHz Basic network 2   Select guest network 2   2.4 GHz Default wireless network 3   Network SSID TOTOLINK_A1004   Channel 11 [ 2.462 GHz,UPPER ]   Auth WPA2PSK + AES (Recomment •   Password 42:1x secure(Enterprise)   Password ••••••••••••••••••••••••••••••••••••	5 GHz Basic network TOTOLINK_A1004_5G   2.4 GHz Basic network   TOTOLINK_A1004   Select guest network   2.4 GHz Default wireless network   Network SSID   TOTOLINK_A1004   Channel   11 [2.462 GHz,UPPER]   Channel Search   Auth   WPA2PSK + AES (Recomment)   Password     2.4 GHz Wireless advance setup

- 3-2. 2.4GHz extension setting
- 1 Click Wireless Multibridge-> 2 Select 2.4GHz-> 3 Select Repeater-> 4 Click AP Scan->
- 5 Select the wireless you need to expand-> 6 Enter the upper-level wireless password, and finally
- **7** click **Apply**.

TOTO LINK	The Smartest Network Device A1004	C 📑 Refresh Save		
Config Explorer	2.4 GHz • 2 ss Multibridge(WISP/Repeater/WDS)	Enter upper-		
Em Pasis Satur		level wireless		

Basic Setup	Mode	Repeater		password		
Internet Setup	SSID	TOTOLINK_A3000RU		~	10	
Firmware Upgrade	Encryption	WPA2PSK + AES	• 6	View	Apply	
	2.4 GHz Wireless N	etwork			🛾 AP Scan	4
	TOTOLINK_A30	00RU	(5)		Ch 3	91%
+ B Network	TOTOLINK_T20		WPA2		Ch 1	34%
- Mireless	🐺 MT7628_415pat	ch_lxkpa			Ch 7	20%
Wireless Multibridge	TOTOLINK_MF2	250L	WPA2		Ch11	10%
MAC Authentication	🐺 Dreadnaught		B WPA2		Ch 5	5%
+ 🕞 Firewall	🛒 iptime_MT		WPA2		Ch 1	5%
+ Dility + Diffic						
+ The System						
27						
8	* Wired WAN port wi	II be disabled if Wireless WA	N is ON.			

#### STEP-4: 5G repeater settings

4-1. 5GHz wireless setting

- 1 Click Wireless Setup -> 2 Select 5GH Basic network -> 3 Set Wireless SSID->
- 4 Set Wireless Password -> 5 Click Apply.

	ne Smartest Network Device 1004	C Refresh	📑 Save	
Config Explorer	l Wireless Setup			
Config Explorer  Status Summary  Internet Setup  Kireless Setup  Advanced Setup  Advanced Setup  Kireless  Wireless  Wireless  Mireless Multibridge  MAC Authentication  AAT/Routing  Firewall  Kirewall  System	Image: Setup       5       GHz Basic network       TOTOLINK_A1004_5G       2         2.4 GHz Basic network       TOTOLINK_A1004       Select guest network       TOTOLINK_A1004         Select guest network       Image: Setup       Image: Setup       Image: Setup       Image: Setup         5 GHz Default wireless network       Image: Setup       Image: Setup	9)		
	5 GHz WPS 2.4 GHz WPS		5	Apply

- 4-2. 5GHz extension setting
- 1 Click Wireless Multibridge-> 2 Select 5GHz-> 3 Select Repeater -> 4 Click AP Scan->

**5** Select the wireless you need to expand-> **6** Enter the upper-level wireless password, and finally

**7** click **Apply**.

TOTO LINK	The Smartest Network D A1004	Device		C Refresh	📑 Save	
Config Explorer	5 GHz 🔻 2	ss Multibridge(WISP/Repe	ater/WDS)	Enter upper-		
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🔥 Firmware Upgrade	Encryption	WPAPSK/WPA2PSK + AES		View	Apply	
	5 GH2 Wireless Net	work			AP Scan	4
- 🕞 Advanced Setup	TOTOLINK_A30	00RU_5G	5		Ch149	1009
+ Ra Network	Dreadnaught5G		WPA2		Ch149	65%
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🗌 Wireless Multibridge	e @totolink5		WPA2		Ch44	23
MAC Authentication     MAC/Routing	iptime5G_MT		WPA2		Ch157	23
+ 📑 Firewall	TOTOLINK_T20		WPA2		Ch161	23
+ Dility	TA8000RU_5G_N	/IAA(CH149)	WPA2		Ch149	0
+ Trance + Trans	TOTOLINK_A81	0R_5G			Ch149	0
_						
	* Wired WAN port wi	II be disabled if Wireless WAN	is ON.			

#### STEP-5:

After the setting is successful, please obtain the IP setting automatically, and the computer can connect to the network.

Int	ernet	Protoc	ol Versio	n 4 (TCP/	'IPv4) Pro	operti	es			×
Ge	neral	Altern	ative Cor	figuration						
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.										
Obtain an IP address automatically										
1.8		e the f	ollowing I	P address						
	<u>I</u> P ac	ldress:								
	S <u>u</u> bn	iet masi	ki (							
	<u>D</u> efa	ult gate	way:							
ſ	() Ob	tain DN	NS server	address a	utomatic	ally				
Ľ	OUs	<u>e</u> the f	ollowing D	NS server	address	es:				
	Prefe	erred Di	NS server	1						
	<u>A</u> lter	native I	DNS servi	er:						
	V	alidate	settings ı	ıpon exit				Ad <u>v</u> a	nced	
							OK		Cancel	

#### STEP-6:

Now all Wi-Fi enabled devices can connect to a custom wireless network.

## FAQ Common problem

# Q1: After the bridge mode is set successfully, you will not be able to access the router. If you need to revisit, there are two ways!

- 1. Press the reset button/hole on the router to restore the router to factory settings;
- 2. Log in to the router management page by setting a fixed IP (refer to STEP-1).