Wifi Repeater Aqprox

Models appRP01V2 y appRP02 de Approx

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1.1. Video tutorial in Spanish

How to setup them:

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https://www.youtube.com/watch?v=xzXrfXvhXY0^{\cite{tabular}}
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1.2. Key info

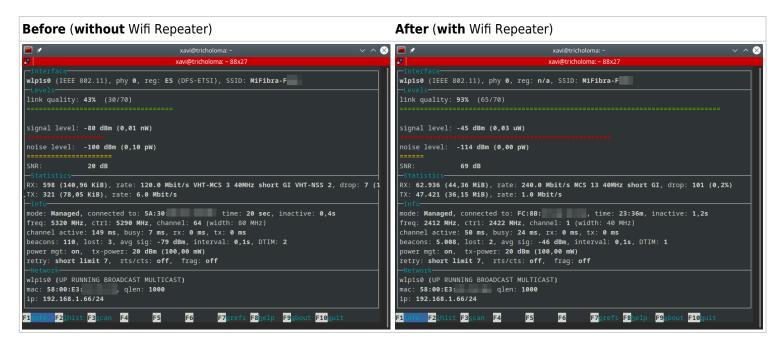
- 1. Reset the repeater (pressing the tiny button in the device side with the help of a clip end, for instance) if you ever use it before with some other wifi connection.
- 2. Plug it into the electrical grid
- 3. Ensure that the slider burrton in the device is set to "repeater" mode.
- 4. Connect the ethernet cable to the repeater in one end, and to the computer in the other end.
- 5. Change your wired connection settings in your operating system to use manual IPv4 connection as:
 - ip: 192.168.100.2
 - netmask: 255.255.255.0
 - gateway: 192.160.100.253
- 6. Open a browser and visit the url http://192.160.100.253
- 7. Login with the default credentials provided (admin / admin)
- 8. follow the wizard on screen.
 - Choose your wifi connection
 - provide its password
- 9. save settings
- 10. wait for the connection to succeed
- 11. unplug ethernet cable from wifi repeater, and from computer
- 12. reset your computer to use the new wifi connection (even if for the computer it will show up as the same wifi name as before, but with better signal)

Example output after the wizard is completed

| aqprox./ | | | Languager English ~ | |
|------------------------|---------------------------------------|-------------------------|---|--|
| | Router Status | | Router Status Help | |
| Running Status | System Info | | You can use the Router Status screen to check the | |
| Setup Wizard | Hardware Version | V1.0.0 | current settings and statistics for your router. This screen shows you the current settings. If something | |
| , and the second | Firmware Version | V1.0.0 | needs to be changed, you will have to change it on | |
| Repeater Mode Settings | Product Name | 300 Mbps WI-FI Extender | the relevant screen. | |
| | Work Mode | Repeater Mode | System Info: These are the basic information of the device. | |
| letwork Settings | Time and Date | 1971-01-01 08:07:19 | | |
| Wireless Settings | LAN Port | | Hardware Version: This is the current handware the router is using. | |
| | MAC Address | FC: F5 | | |
| Ianagement Function | IP Address | 192.168.100.253 | Firmware Version: This is the current software the router is using. This will change if you upprede your touler. | |
| | IP Subret Maak | 255 255 255 0 | | |
| Logout | Wireless Client | | if you upgrade your router. | |
| | Wireless Network Selected Name (SSID) | MEtra-Fi | Product Name: The model of the device. | |
| | Wreless Channel | 2.412GHz- CH1 | Work Mode: The work mode of the | |
| | WI-Fi Protected Setup(WPS) | ON | device. The device has four work modes/Client Mode. Router Mode. Broester | |
| | Wreless Security Mode | WPA2-PSK(AES) | modes(Client Mode, Router Mode, Repeater Mode and Bridge Mode), you can change the | |
| | Connect Status | Connected | work mode by the hardware switch. | |
| | Wireless Universal Repeater | | Time and Date: The time of the device. | |
| | SSID of Extended Interface | MFbra-F | LAN Port. These are the current settings, as set in the LAN IP Setup screen. | |
| | Wreless Security Mode | WPA2-PSI(AES) | | |
| | | | MAC Address. The physical address of the router, as seen from the LAN. IP Address of the note: IP Subret Mask. The subnet mask associate with the LAN IP address. | |
| | | | Wireless Client: These are the current settings, as set in the Wireless Client Function screen. | |
| | | | Wireless Network Selected Name (SSID). | |

1.3. Test connection

On GNU/Linux, you can see the difference if you run wavemon on a terminal with the old wifi signal (before adding the wifi repeater, or while temporarily unplugging it), and compare with the wavemon output when the repeater is on.



1.4. Unplug and plug again when needed

Keep in mind, that those new settings (of the new wifi you configured) are stored in the wifi repeater. Therefore, if you unplugit from the electrical grid for some reason, and you plug it again later on, you don't need to repeat this same process: it will just work repeating the signal from your wifi access point as usual.

Enjoy!

Alias names for this page: aqprox | wifi repeater | WifiRepeater | appRP01V2