

ITRAINONLINE MMTK

Graphical guide for access point configuration of a Linksys

Source: <http://www.stanford.edu/group/networking/lnaguide/docs/linksys/index.htm>

Setting up a Linksys WAP11 or WAP55 wireless access point for on-campus, DSL or Stanford West users.

CNS has tested the WAP11 and WAP55AG access points and has found them to be acceptable for use on campus. They are reasonably easy to set up and do not offer a DHCP server, which is generally desirable on campus and for DSL and Stanford West users.

For Windows Users:

Use the included quick start guide. If you are missing the user guide, you can download one from Linksys. If you are missing the configuration software, it should also be available from the same location. Please note:

- You should change the password.
- You should look into setting it up to only allow your wireless cards via the ethernet filter, see step 9 below.
- You do not have to give it a valid Stanford IP number, but should at least change the IP number to one other than the default. If you keep it on the 192.168.1.x IP range, please choose a number other than .246 so that you do not conflict with other Linksys users on your network. If you keep it on the 192.168.1.x IP range and need to re-configure it later, you'll have to change the IP number of your laptop to be able to connect to your access point.

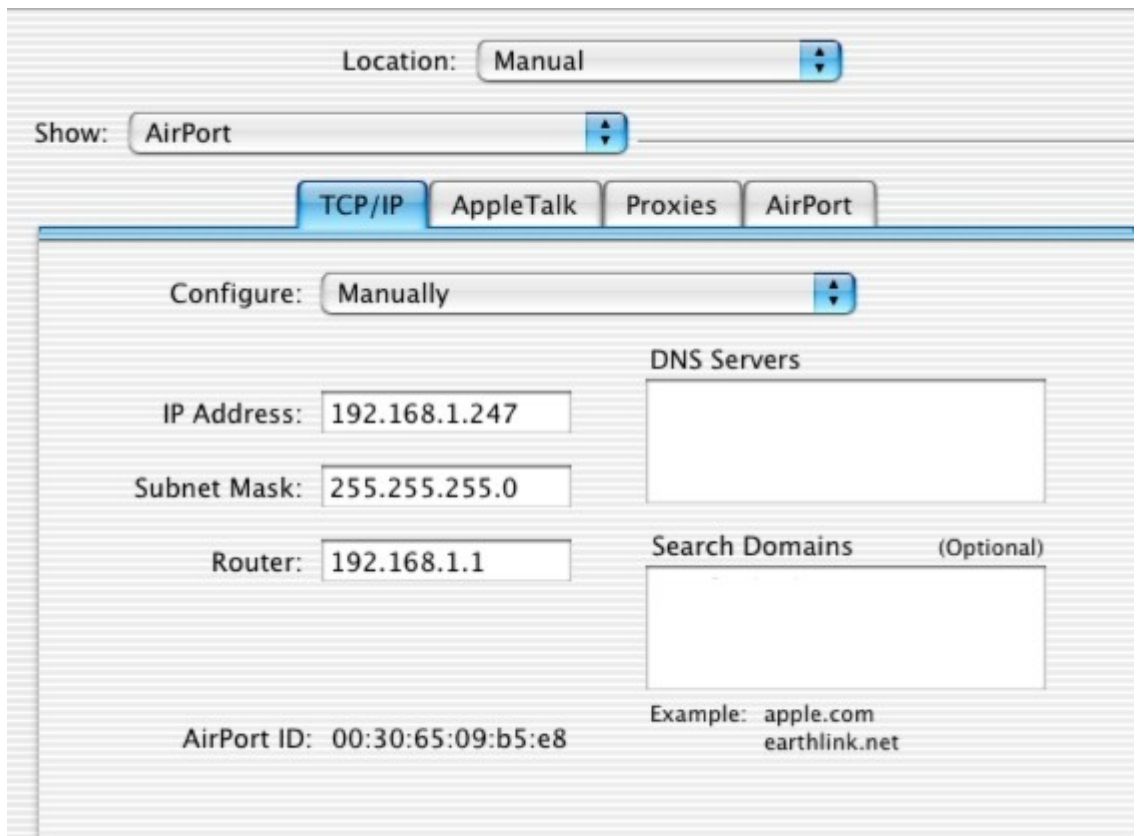
For Macintosh, Linux, Unix users:

You can configure the access point through a web browser. Netscape seems to be the most effective. Even though some of the pictures below show Safari, the Linksys access points do not work with Safari, and presumably are not compatible with Konqueror as well.

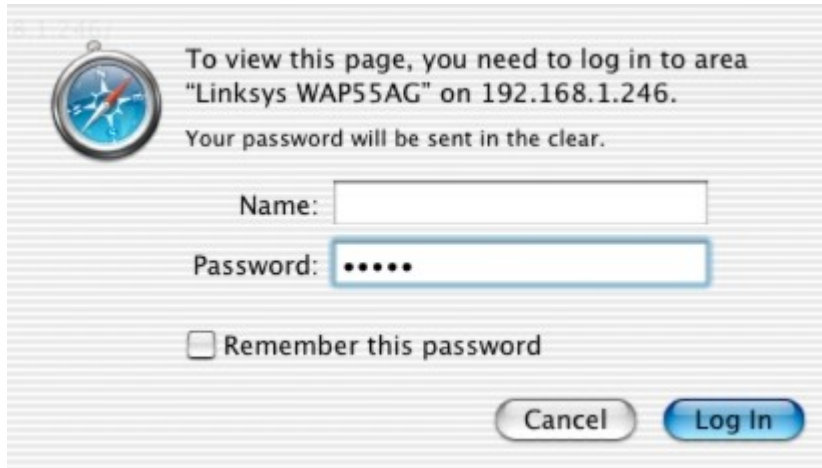
1. Plug in the unit's power cord and connect to the network
2. Choose the appropriate SSID, it will be some variant on "linksys" with "linksys-a" or "linksys-g" for the WAP55 models.



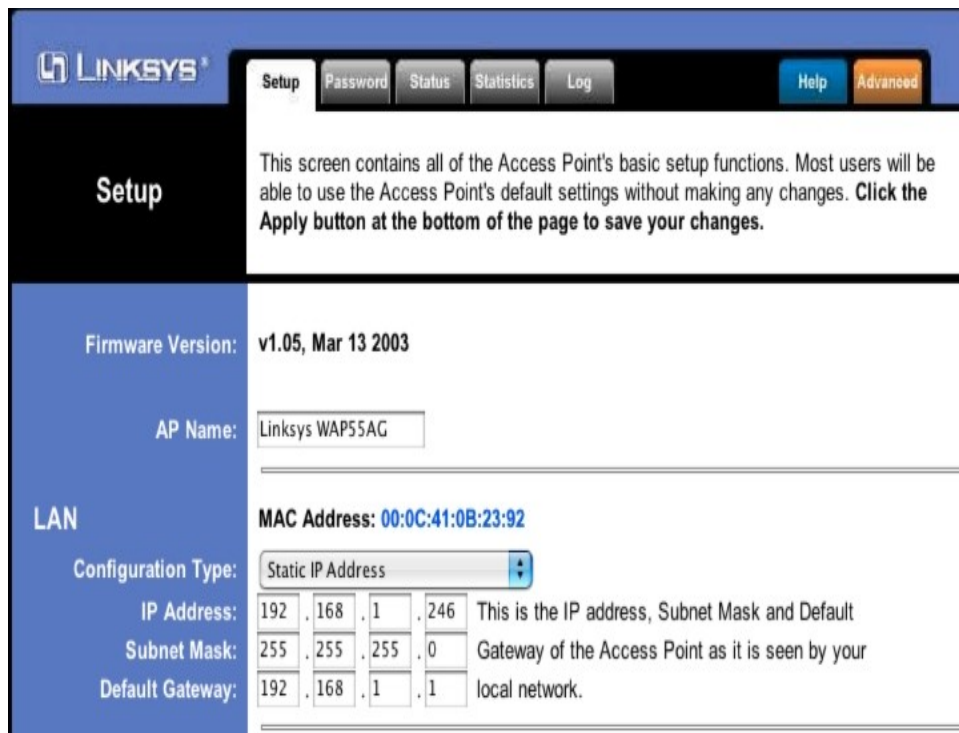
3. Change your IP address to one on the same subnet as the default IP address of the AP. The WAP55AG comes default at 192.168.1.246, check the instructions to see what the range is for other models. We suggest using a number one higher or lower than the access point's.



4. Launch your favorite web browser, provided that it's Netscape. Connect to the AP by its IP number. You will be challenged for a password, leave the name field blank and enter admin as the password.



5. Choose a new name for the access point and change the IP number. Even if you choose to leave it on the 192.168.1.x subnet, change the IP number. You can also choose to use DHCP, be sure to enter the hardware address of your access point into NetDB, not the one shown below.



6. You can also choose to change the SSID to one other than the default. The following image shows a WAP55AG where you can set two SSID's. Normally, you will only have one choice for WAP11 or WAP11G access points. If you suspect that there are other access points nearby you might need to change the channel as well.

Wireless

5GHz
802.11a
802.11a Wireless

MAC Address: 00:0C:41:0B:41:CF

SSID:

Channel: (Regulatory Domain: USA)

WEP: Enable Disable

2.4GHz
802.11g
Wireless-G

MAC Address: 00:0C:41:13:FA:00

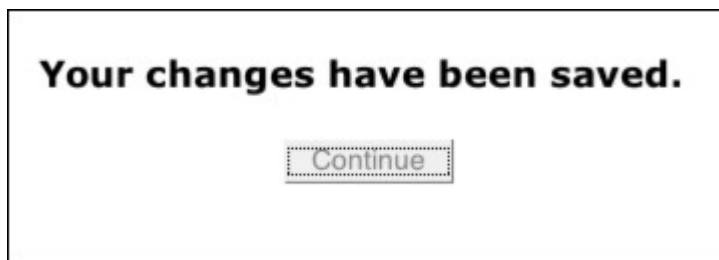
Mode:

SSID: SSID Broadcast:

Channel: (Regulatory Domain: USA)

WEP: Enable Disable

- If you click on the "Apply" button above, you should see the following message. If you have changed the IP number, you may be disconnected and will need to re-set your laptop's IP number to one on the same network so that you can continue to work with the access point.



- You may also wish to change the password via the password tab. Choose one other than "admin" "password" "secret" etc.

LINKSYS

Setup Password Status Statistics Log Help Advanced

Password

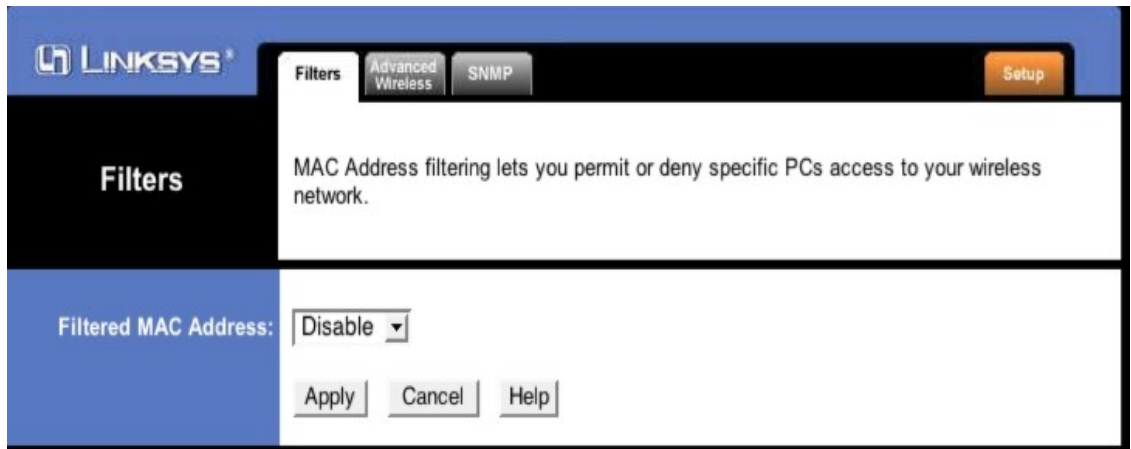
For security reasons, you should change the password on the Access Point. Your password must be fewer than 32 characters long, and it cannot contain any spaces.

AP Password: (Enter New Password)
 (Re-enter to Confirm)

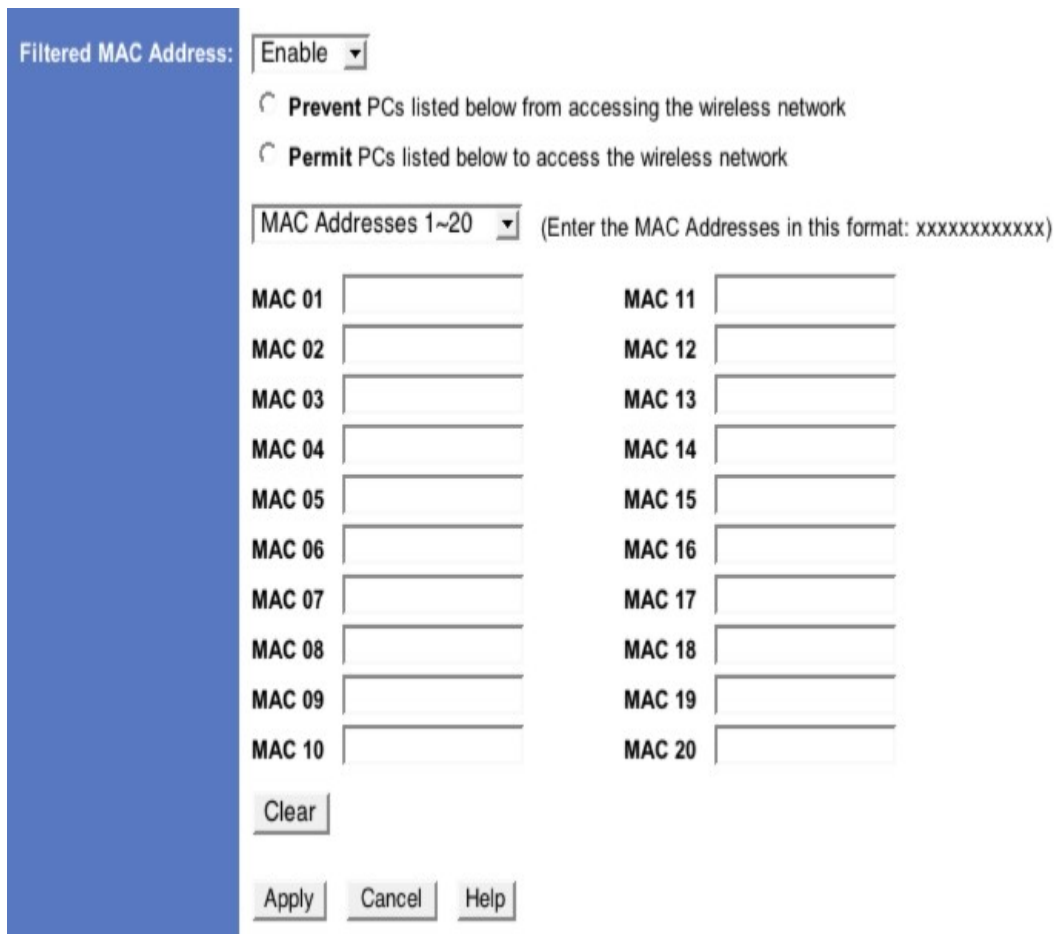
Restore Factory Defaults: Yes No

CAUTION: Any settings you have saved will be lost when the default settings are restored.

9. If you wish to set filters to allow specific ethernet addresses, select the "advanced" tab and the first window will be the MAC filter window



10. You should choose to "permit" a specific set of MAC addresses:



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