speco technologies

AP2PLR Manual

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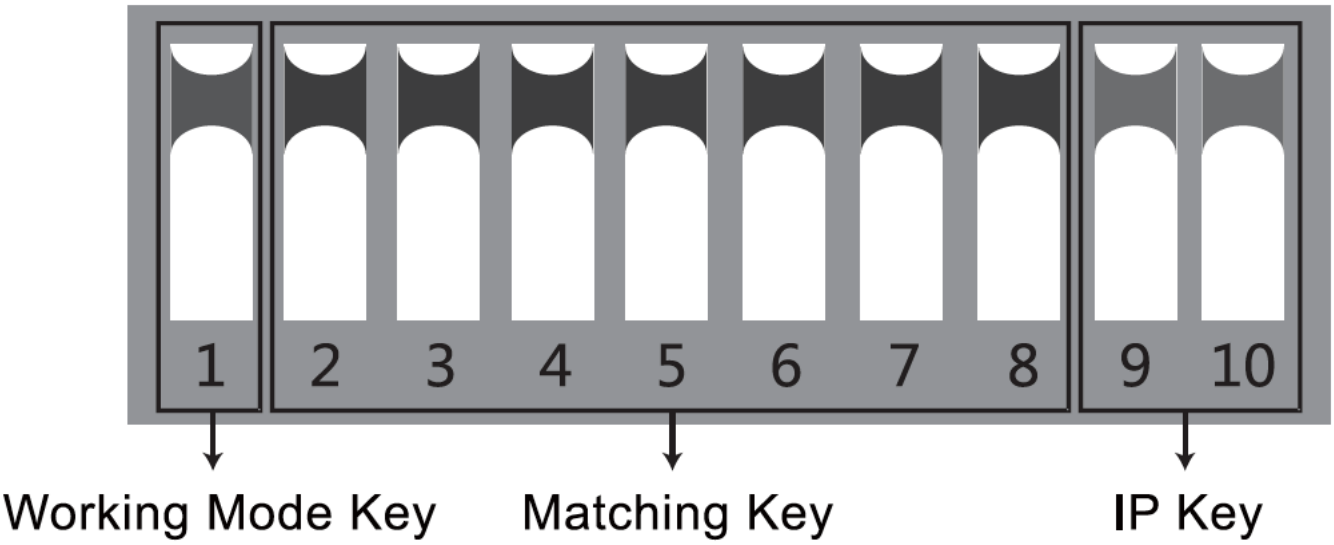
Point to Point Long Range 5.8 GHz Wireless Access With Dipswitch Powered By POE

Manual | Model AP2PLR

DIP Device Instructions



DIP Switch 1:

This changes the mode of the device. UP is Home Point mode DOWN is client mode.

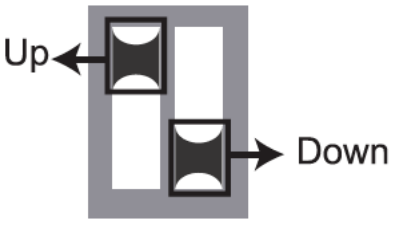
DIP Switch 2 through 8:

Are for matching devices together. There are 128 various combinations that can be made from the 7 keys, which corresponds to 128 different SSIDs and 128 different segments. (The Pages 8-15 below show all possible combinations.)

DIP Switch 9 & 10:

Are for point to multi-point functionality. To use up to 4 clients with one Home Point, configure the DIP switches as follows:

On the Home Point side, switches 9 and 10 should remain in the UP position.



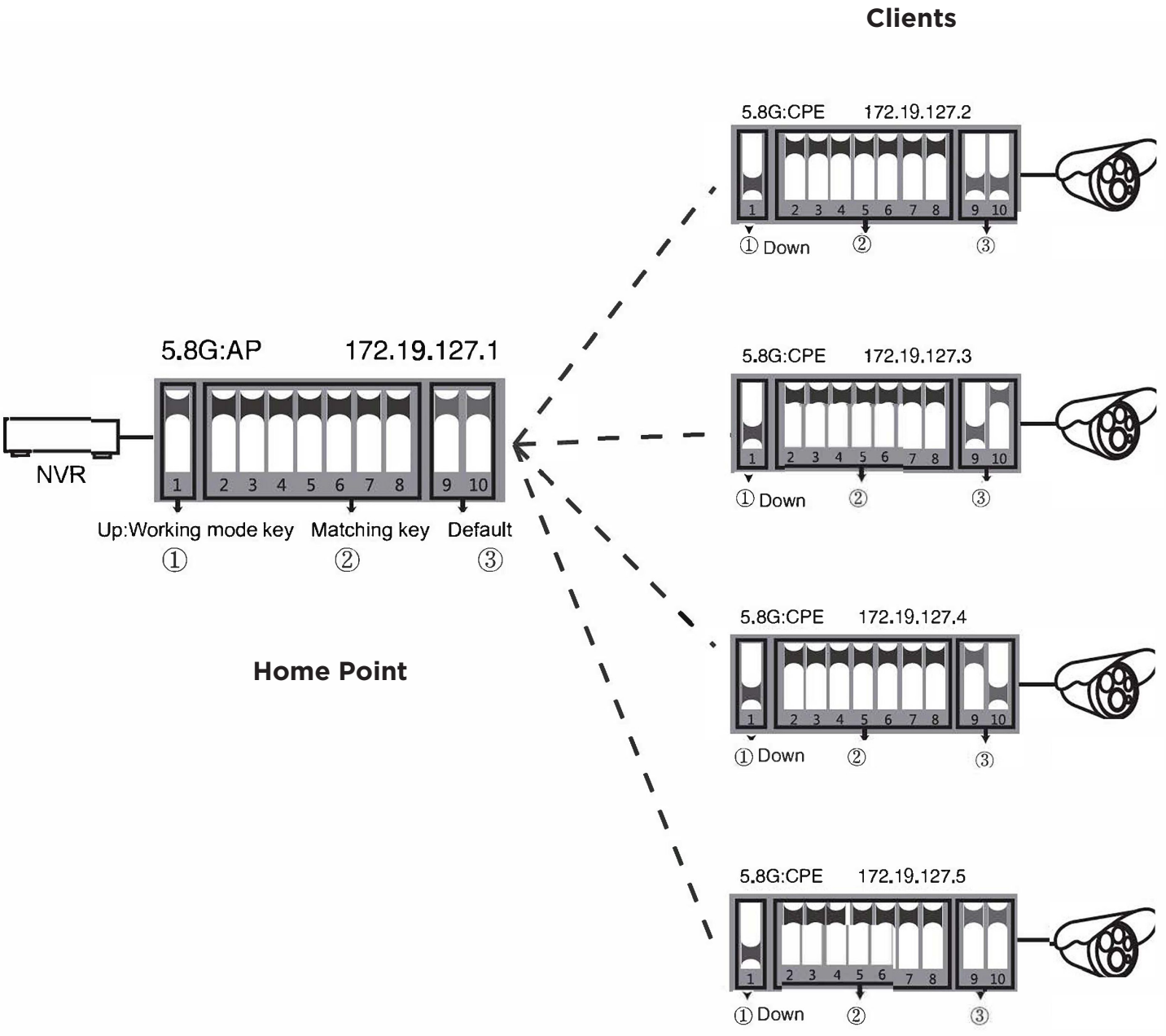
On the Client side, select one of 4 configurations for switches 9 and 10.

- **Client 1:** 9 Down and 10 Down
- **Client 2:** 9 Down and 10 Up
- **Client 3:** 9 Up and 10 Down
- **Client 4:** 9 Up and 10 Up

*You cannot duplicate the switch settings between Clients for switches 9 & 10 or you will experience interference, thus the max of 4 points. (1 Home Point to 4 Clients)

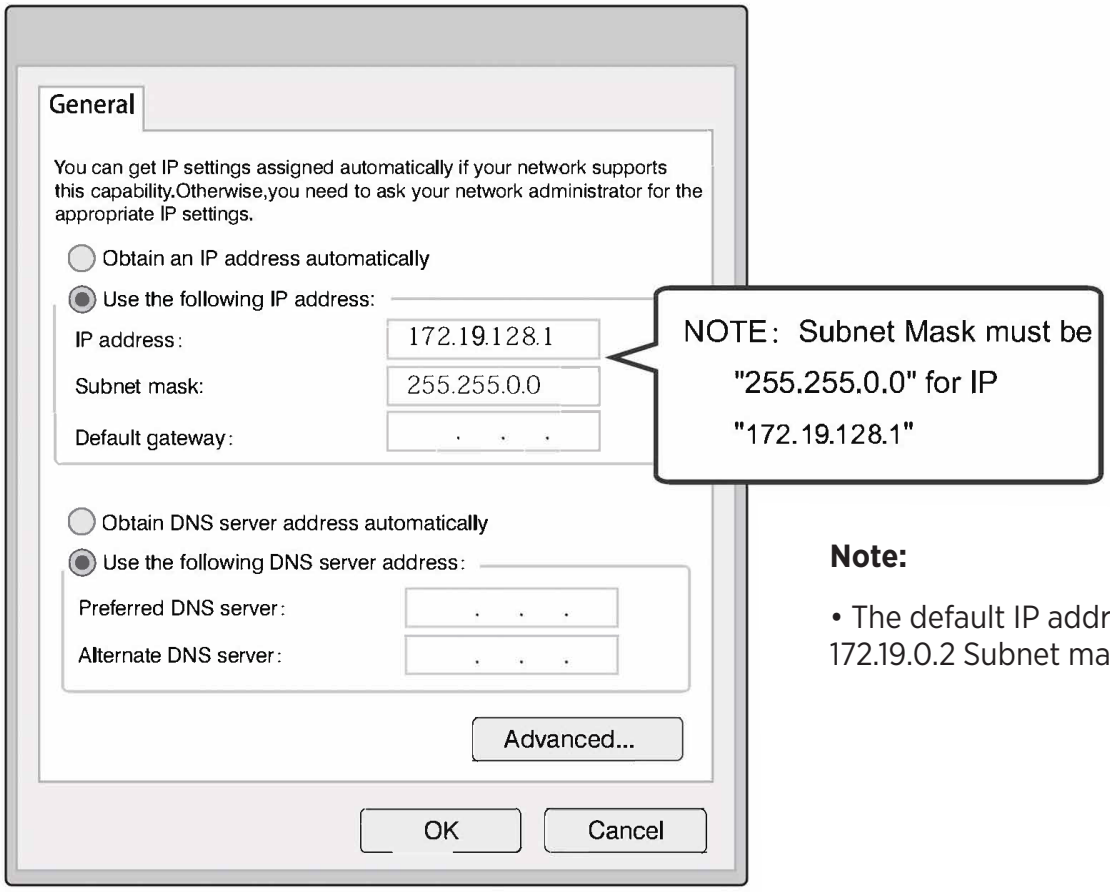
*Restart your AP after finishing DIP settings.

Point to multipoint, as follows



Signal Power Setting

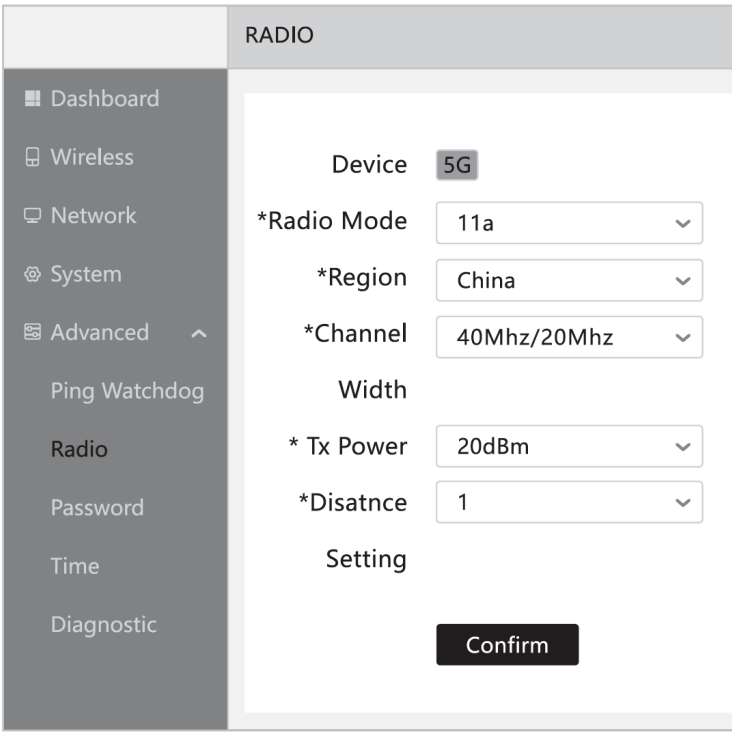
If you wish to edit the settings of your AP, instructions are immediately below. First, assign your computer a static IP address in the same range as the AP:



Note:

• The default IP address of 5.8G units is 172.19.0.2 Subnet mask is 255.255.0.0

RF Configuration



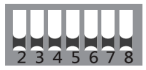
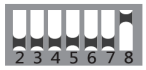
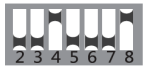
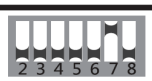
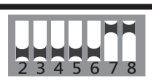
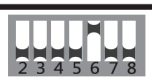
• TX Power: Default is the maximum value. when the signal strength is too strong. the transmit power should be reduced appropriately.

• Region: The default factory corresponding to the country region can be selected from different countries with the corresponding channel. Note: Select the option according to the legal range of the local country.

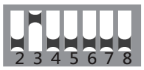
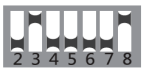
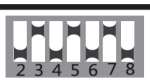
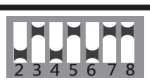
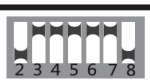
• Transmitting Distance: 1KM by default, you need to set it according to the actual distance. (Both transmitter and receiver need to be set. set the distance and the actual distance does not match will appear high delay, bandwidth poor situation)

128 pair DIP

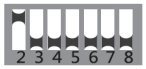
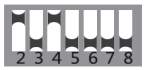
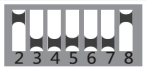
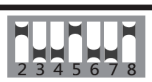
codes segment & frequency can be referred to the following chart

Group	2-8 Dial	Gigabit 5.8G IP	Group	2-8 Dial	Gigabit 5.8G IP
No.1		172.19.0.X	No.17		172.19.16.X
No.2		172.19.1.X	No.18		172.19.17.X
No.3		172.19.2.X	No.19		172.19.18.X
No.4		172.19.3.X	No.20		172.19.19.X
No.5		172.19.4.X	No.21		172.19.20.X
No.6		172.19.5.X	No.22		172.19.21.X
No.7		172.19.6.X	No.23		172.19.22.X
No.8		172.19.7.X	No.24		172.19.23.X
No.9		172.19.8.X	No.25		172.19.24.X
No.10		172.19.9.X	No.26		172.19.25.X
No.11		172.19.10.X	No.27		172.19.26.X
No.12		172.19.11.X	No.28		172.19.27.X
No.13		172.19.12.X	No.29		172.19.28.X
No.14		172.19.13.X	No.30		172.19.29.X
No.15		172.19.14.X	No.31		172.19.30.X
No.16		172.19.15.X	No.32		172.19.31.X

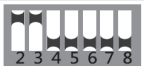
128 pair DIP codes

Group	2-8 Dial	Gigabit 5.8G IP	Group	2-8 Dial	Gigabit 5.8G IP
No.33		172.19.32.X	No.49		172.19.48.X
No.34		172.19.33.X	No.50		172.19.49.X
No.35		172.19.34.X	No.51		172.19.50.X
No.36		172.19.35.X	No.52		172.19.51.X
No.37		172.19.36.X	No.53		172.19.52.X
No.38		172.19.37.X	No.54		172.19.53.X
No.39		172.19.38.X	No.55		172.19.54.X
No.40		172.19.39.X	No.56		172.19.55.X
No.41		172.19.40.X	No.57		172.19.56.X
No.42		172.19.41.X	No.58		172.19.57.X
No.43		172.19.42.X	No.59		172.19.58.X
No.44		172.19.43.X	No.60		172.19.59.X
No.45		172.19.44.X	No.61		172.19.60.X
No.46		172.19.45.X	No.62		172.19.61.X
No.47		172.19.46.X	No.63		172.19.62.X
No.48		172.19.47.X	No.64		172.19.63.X

128 pair DIP codes

Group	2-8 Dial	Gigabit 5.8G IP	Group	2-8 Dial	Gigabit 5.8G IP
No.65		172.19.64.X	No.81		172.19.80.X
No.66		172.19.65.X	No.82		172.19.81.X
No.67		172.19.66.X	No.83		172.19.82.X
No.68		172.19.67.X	No.84		172.19.83.X
No.69		172.19.68.X	No.85		172.19.84.X
No.70		172.19.69.X	No.86		172.19.85.X
No.71		172.19.70.X	No.87		172.19.86.X
No.72		172.19.71.X	No.88		172.19.87.X
No.73		172.19.72.X	No.89		172.19.88.X
No.74		172.19.73.X	No.90		172.19.89.X
No.75		172.19.74.X	No.91		172.19.90.X
No.76		172.19.75.X	No.92		172.19.91.X
No.77		172.19.76.X	No.93		172.19.92.X
No.78		172.19.77.X	No.94		172.19.93.X
No.79		172.19.78.X	No.95		172.19.94.X
No.80		172.19.79.X	No.96		172.19.95.X

128 pair DIP codes

Group	2-8 Dial	Gigabit 5.8G IP	Group	2-8 Dial	Gigabit 5.8G IP
No.97		172.19.96.X	No.113		172.19.112.X
No.98		172.19.97.X	No.114		172.19.113.X
No.99		172.19.98.X	No.115		172.19.114.X
No.100		172.19.99.X	No.116		172.19.115.X
No.101		172.19.100.X	No.117		172.19.116.X
No.102		172.19.101.X	No.118		172.19.117.X
No.103		172.19.102.X	No.119		172.19.118.X
No.104		172.19.103.X	No.120		172.19.119.X
No.105		172.19.104.X	No.121		172.19.120.X
No.106		172.19.105.X	No.122		172.19.121.X
No.107		172.19.106.X	No.123		172.19.122.X
No.108		172.19.107.X	No.124		172.19.123.X
No.109		172.19.108.X	No.125		172.19.124.X
No.110		172.19.109.X	No.126		172.19.125.X
No.111		172.19.110.X	No.127		172.19.126.X
No.112		172.19.111.X	No.128		172.19.127.X