

The image features a red diagonal banner in the top-left corner containing the Adaptrum logo. The background is a long-exposure photograph of a night sky with star trails, centered around a radio tower. The tower is a lattice structure with several rectangular panels attached to it. The star trails are concentric circles of light in shades of blue and white, indicating the Earth's rotation. The bottom half of the image is a plain white background.

Adaptrum

QUICK START GUIDE v1.5

Initial Client Setup

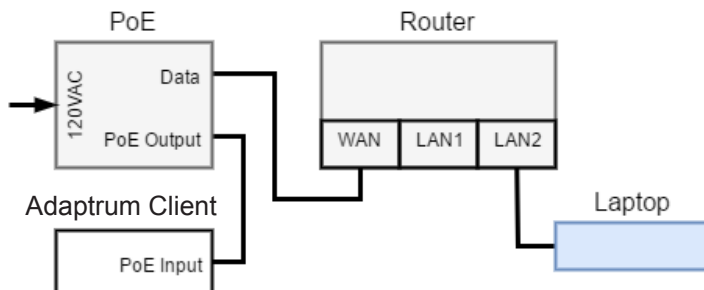
FCC / OFCOM / International

© 2017 Adaptrum, Inc.

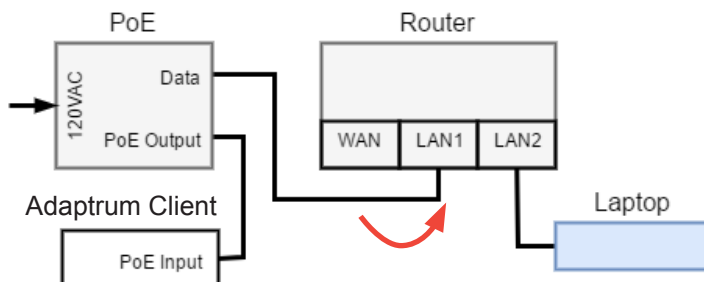
ACRS 2.0 Client Initial Setup

Channel Scan Mode: Client(FCC/OFCOM) mode(1)

1. Connect PoE data connection to WAN port of router
2. Connect laptop to LAN port of router
3. Connect PoE output connection to CPE
4. Wait 60 seconds for CPE to power on



5. Connect PoE data connection to LAN port of router

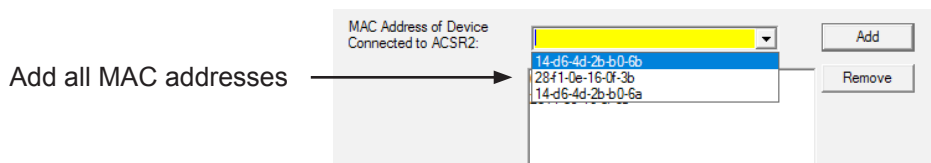


7. Select device from dropdown menu and open AdaptrumTVBD
8. Select the Installation Tab
9. Add all (should be 3) MAC addresses in dropdown. One MAC address is the laptop's, one MAC address is the router's LAN, one MAC address is the router's WAN.

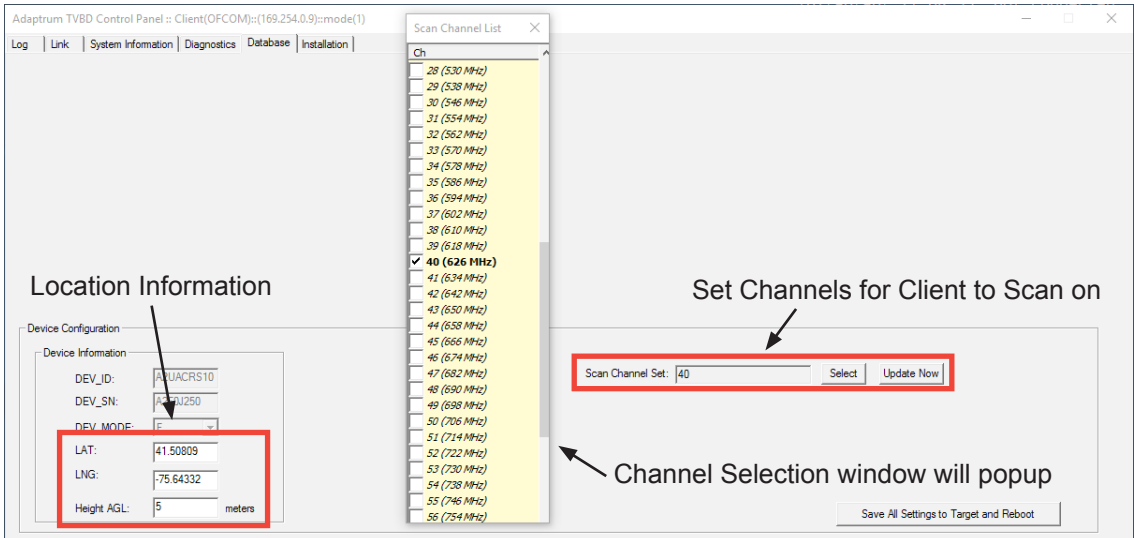
NOTE: There is a maximum of 7 MAC addresses allowed in the filter table

10. Enter name of client in System Notes

NOTE: DO NOT CLICK "Save All Settings to Target and Reboot"



1. Select the Database Tab
2. Select "Scan Channel Set" to scan for (max. 10). This should include the channel the base is on
3. Enter location of device (LAT, LONG, Height)



1. Save All Settings to Target and Reboot
2. When Client reboots, check that the laptop is getting internet service
3. Move PoE data connection from LAN port to WAN port

ACRS 2.0 Client LED Reference

CONDITION	POWER	INFO	LINK	SIGNAL	Connection Quality
Unit Off					N/A
Initial power up					N/A
booting					N/A
re-booting					N/A
ready					not established
transmitting/linked (1)					Marginal
transmitting/linked (1)					OK
transmitting/linked (1)					Good
transmitting/linked (1)					Excellent
searching (2)					link lost

Antenna Orientation

Panel to Multi-Yagi Client Installations

1. Client Yagi antennas should all be pointed directly at the Base Panel antenna for best SNR
2. All Client antennas must be within a 120-degree arc of the base
3. Fins should be vertically oriented
4. Ensure there are no objects within a few feet in front of the yagi antenna to allow for better SNR

