

FAQ

Written by Carl Holden

Sunday, 04 December 2011 14:50 - Last Updated Thursday, 06 November 2014 17:08

Below is a list of some of the most frequently asked questions we receive about UPB. If you don't see the answer you are looking for, please contact PLLC directly.

#1 QUESTION: "Any tips about preparing for a UPB installation ?"

ANSWER:

1. Make sure all your UPB devices have been put into Default Mode first.
2. Do a test using UPSTART on all 3 x phases
3. If a 3 x phase site...use the 3 x phase repeater
4. Use one (1) one UPB device at the furthest point of each phase...alternatively use a special purpose SLAVETEST MOD, with a 240V plug ready for immediate use by plugging into a 240V GPO...record the signal strength
5. When doing these initial tests...try to turn on what appliances that you can e.g.....Air-conditioningall Lights....Drills...Solar...etc etc and most important "Check" that all phases are clean with no recorded "NOISE!"...
6. If any phase has too much noise, try to isolate the device generating the noise and remove
7. All 3 x Phase air conditioners, please insert the PLLC "conditioner", at the output of the A/C invertors
8. Make sure your PIM is in Pulse mode...can be done on UPSTART
9. Make sure your Signal to PIM (At the Powerline Interface) is high...see Illustration below
10. DO NOT have your dimmer set at LOW Sensitivity... this is only for USA applications
11. When configuring your UPB devices, be careful not to set "OFF" to 100%...must be set to 0%

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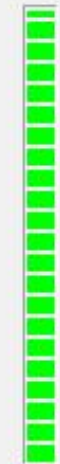
The communication test sends a two-way message between your device and the powerline interface. It measures and reports the signal strength, noise levels and phase at both ends of the communication.

Number samples

At the Device

Signal Noise Avg-Noise Phase

Same



151



0



0

Noise Level

None

At the Powerline Interface

Signal Noise Avg-Noise



154



0



0

Noise Level

None