Rain8 Troubleshooting

Does not respond to X10 signal

Verify configuration of Rain8 by connecting unit to serial port on PC with furnished RS232 cable.

Using the configuration software downloaded from the bottom of this page http://www.wgldesigns.com/rain8.html,

1. Set up unit code box on left hand side for A1-8.
2. Verify that a value larger that 100 is in each of the run time boxes.
3. Connect to Rain8 and click Write to Rain8.

At this point the Rain8 is configured to turn on zone 1 when an X10 signal with the address of A1-ON is received over the power line.

Verify that X10 signal is reaching outlet that the Rain8 powerline interface (PLC) is plugged into.

1. Plug in X10 lamp module or appliance module (with table amp or other indicating device connected) in same outlet as the PLC. Set X10 module to receive "A1".

2. Send X10 signal "A1-ON". If indicator device comes on then X10 signal has been received at outlet and X10 signal transmission has been verified.

Verify wiring connections at Rain8.

Make sure transformer wires connect to the far right pair of screw connections and transformer is plugged into power outlet.

Verify the furnished modular cable connects between the RJ11 modular jack on the Rain8 and the PSC05 PLC. Make sure that the PLC is plugged into the same outlet that was tested above. Red led will indicate that it is powered up.

Verify the modular cable supplied with your unit has not been altered or replaced with another cable.

If you are using a PowerLinc 1132B, you will need a different cable than the one furnished with your Rain8. Contact the factory wgl@wgldesigns.com for a no charge replacement.

Check operation.

The following checks should be made with a single module connected to a PSC05.

Using a voltmeter verify that there is 25-28 volts AC across the two transformer screw connections.
Send "A1-ON" as done above while watching PSC05 led. If led blinks then the X10 signal is being received by the PLC.

With voltmeter measure the voltage between the first screw terminal and the "common" terminal. If the reading is not the same as above, then the possible items that could cause this failure are:

The modular cable is bad.
The PSC05 is bad. No other way to verify this without a substitution.
The Rain8 is bad.

Request RMA for return and replacement.

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