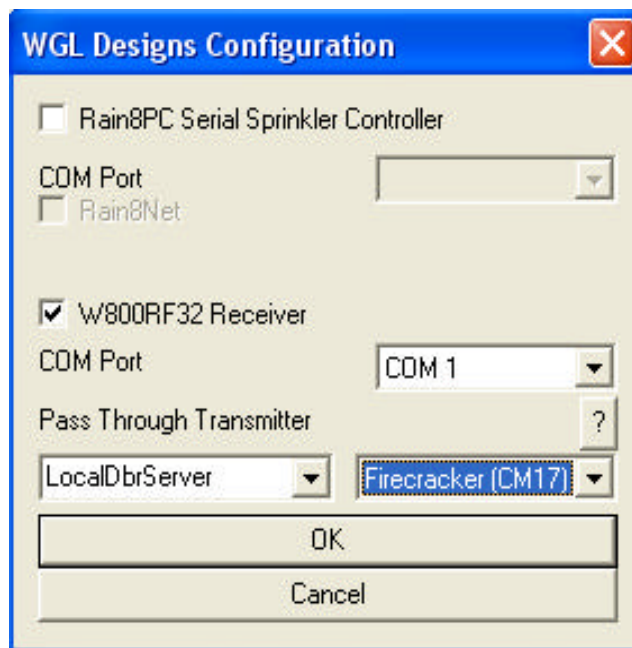


Using the W800RF32 with X10 Security Sensors

Doberman Security & Automation
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Unlike most other X10 products, the security sensors (for example DS-10A) do not have a programmable house code and unit code. Nor are their signals captured by most X10 receivers.

The WGL Designs W800RF32 does capture these signals, but it takes some configuration.



From the Local Devices options tab, click the Configure button beside WGL Designs. You may enable a Rain8PC or Rain8Net from the top of the configuration dialog.

Enable the W800RF32 Receiver with the checkbox, and choose the COM port. This is the minimum configuration.

Since the W800 only receives, you may choose a Pass Through Transmitter, where any outgoing commands sent to the W800 are routed through the Transmitter.

Referring to a sensor on the W800RF32

Since the W800 sees both regular X10 and extended security modules, the W800 has been split into two categories on the device dropdown:

W800RF32
X10 W800RF32

If you are referring to a regular X10 module by Zone and Unit, such as A1, use:

X10 W800RF32

Security sensors, extended remote buttons (LOLA, Mouse Remote, Security Remotes, etc) use:

W800RF32

Learning the sensor code

Since there is no way to read a sensor code, and the code is randomly generated each time the module is reset, Doberman requires a simple 'learning process'.

If you are installing or resetting only a few modules, you can do this yourself. Otherwise, a second person will make this process easier.

With Doberman BMS running, and Doberman Server operational, choose the Edit menu, Special Configuration, Learn Security Device via W800RF32.





The server is now watching for security devices. If you do not see the above dialog, another program (perhaps Doberman BMS itself) is over top, rearrange windows until you locate this dialog.

Since devices such as motion sensors will announce their presence while you are moving around the house, Doberman catches the device that was triggered the most times.

Walk to the sensor to be configured, and press the test button several times (typically 5 or 6.) Return to the computer and click OK. Provided there was enough signal to differentiate the new sensor from those around, you will be prompted to choose a location. There are 16 groups of 16, or 256 sensors. A security sensor randomly defines its own number from 0 to 255, but with this mapping technique, your front door can always be sensor 1-1 no matter what the module is sending.

It is important to note that the W800RF32 is very sensitive, compared to other X10 receivers. Especially with the external antenna. If your system may start to 'pick-up' other sensors in the area that have been randomly assigned the same address as one of your sensors. Simply hold the test button to reset, and then reprogram the device as above.