FUNCTION

The Controlled Receptacle, model URD, turns 120VAC appliances ON and OFF (and timed OFF) based on digital commands received over the power wiring from a remote UPB (Universal Powerline Bus) controller. UPB controllers and modules can be freely located anywhere in the home. No additional wiring is required and no radio frequency signals are used for communication.

IMPORTANT SAFETY INSTRUCTIONS

When using electrical products, basic safety precautions should always be followed, including the following:
1. READ AND FOLLOW ALL SAFETY INSTRUCTIONS.
2. Installation should be performed by a qualified technician.
3. Keep away from water. If product comes into contact with water or other liquid, unplug immediately.
4. Never use products that have been dropped or damaged.
5. Do not use this product outdoors.
6. Do not use this product for other than its intended use.
7. Do not connect multiple lamps or appliances that, when combined, exceed the maximum load ratings of the product.
8. To avoid risk of fire, burns, personal injury and electric shock, install this product out of reach of small children.
9. Do not cover the product with any material when in use.
10. This product uses polarized plugs and sockets (one blade is wider than the other) to reduce the risk of electric shock. These plugs and sockets fit only one way. If they do not fit, consult a technician. Do not alter plugs.
11. SAVE THESE INSTRUCTIONS.

INSTALLATION

The URD is designed for indoor installation in a junction box that is wired to a readily accessible circuit breaker, per NEC and CEC electrical standards. To install the URD module:

1. Disconnect power at the circuit breaker.

2. Remove any existing wallplate and receptacle from the outlet box. Disconnect the wiring to the existing receptacle.

3. Connect the black (Line) wire to the **bottom brass-colored screw** on the controlled receptacle.

4. Connect the white (Neutral) wire to the **bottom silver-colored screw** on the controlled receptacle.

5. If available, connect the green (Ground) wire to the **green-colored screw** on the controlled receptacle.

6. If the application requires a remote wall switch to activate/deactivate the controlled receptacle, connect the brown/white wire from the receptacle to the traveler wire that extends to a model USR Dedicated Remote Switch. Refer to the wiring diagram for details.

7. If a remote wall switch is <u>not</u> used, cap off the unused brown/white wire at the receptacle to prevent shorting.

8. Fit the receptacle into the outlet box and secure with mounting screws. Install the wallplate provided with the receptacle or leave it off until Configuration is complete.

   NOTE: In order to use a standard wallplate, pull off the Program Switch button extension / light pipe **after** completing configuration. Save the removable set-up button extension (e.g. lay it in the bottom of the j-box) so it can be reattached for future configuration use.

9. Restore power at the circuit breaker.

10. Plug the appliance to be controlled into the **top outlet** of the receptacle. Turn the appliance power switch ON.

11. If desired, another device can be plugged into the **bottom outlet**, which is always powered.

CONFIGURATION

1. Configuration requires UPB setup/configuration software, called UPStart and a model UMC Computer Interface Module. Before using UPStart configuration software, be sure to download the latest version from the Simply Automated website. First time users should also download and follow the Quick Start Guide and use the Installation Wizard available in UPStart to save time.

2. When configuring a UPB system, it may be necessary to place the URD in SETUP mode. To do this, press the illuminated Program Switch (next to the top outlet) five times rapidly. The indicator will continuously blink GREEN when the unit is in SETUP mode. To exit SETUP mode, press the Program Switch once or wait five minutes.

OPERATION

The Controlled Receptacle operates according to commands sent by the controller. Only the top outlet on the receptacle is controlled. The bottom outlet will be ON continuously. The indicator on the receptacle will glow BLUE when the controlled outlet is OFF and GREEN when the outlet is ON.

A Timer function is available in the URD. Controller commands can turn ON the URD and load a preset Timer period. The URD automatically turns OFF at the end of the period. The available preset times are: 1 Sec., 5 Sec., 30 Sec., 1 Min., 2 Min., 4 Min., 10 Min., 20 Min., 30 Min., 40 Min., 50 Min., 1 Hr., 2 Hrs. 3 Hrs. and 4 Hrs.
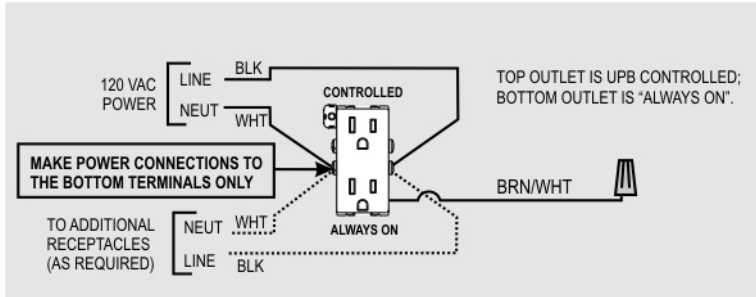
When the URD is controlled by a remote switch (model USR), local response time adjustments are available (300, 450, 600 and the default 750 mSec) and configured with UPStart configuration software. Local response time is the time from rocker press to load response.
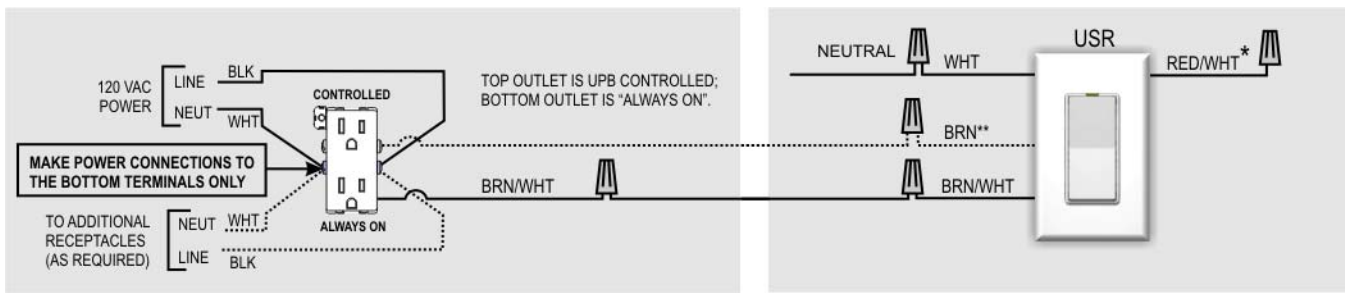
UPB FACTORY DEFAULT SETTINGS

To restore the following default settings, place the URD in SETUP mode and then press the Program Switch ten times. Press the switch twice again to exit this mode.

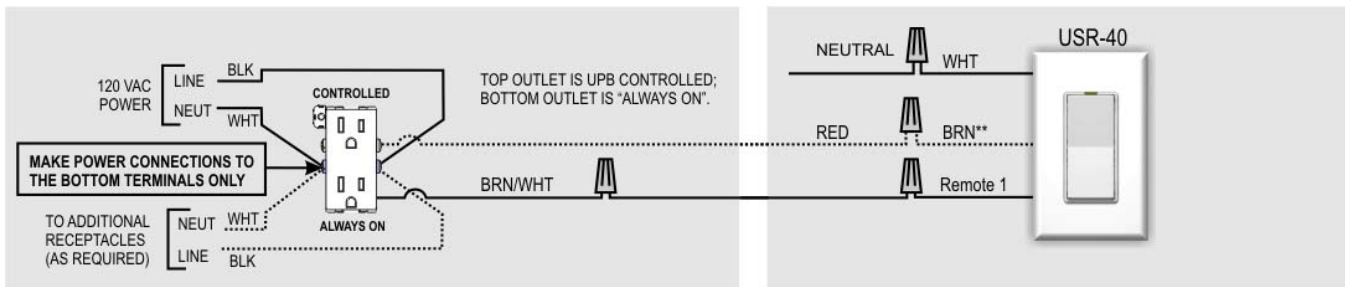|	
Network Name	"Network 1"
Room Name	"New Room Name"
Device Name	"New URD"
Unit ID	2
Network ID	255
Network Password	1234

INSTALLATION FOR USE WITH TRANSMITTER LINK OPTION (NO DIRECT SWITCH CONNECTION)

INSTALLATION WITH OPTIONAL USR REMOTE SWITCH

INSTALLATION WITH OPTIONAL USR-40 REMOTE SWITCH

NOTES:
*   CAP UNUSED BRN/WHT AND/OR RED/WHT WIRES TO PREVENT SHOCK OR SHORTING.
**   CONNECT THE BLACK WIRE (BROWN ON USR) OF THE USR AS SHOWN TO ENABLE OPERATION OF THE LED INDICATOR. THIS WIRE IS NOT REQUIRED FOR SWITCH OPERATION AND CAN BE OMITTED IF A THIRD WIRE IS NOT AVAILABLE. CAP BROWN WIRE IF NOT USED.