

Specifications:

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| Input Voltage: | 120 or 277 VAC |
| Power Consumption: | 0.5 mA |
| Radio Frequency: | 2.4 GHz |
| RF Transmission Output Power (Average): | +12 dBm |
| Operating Environment: | 40 to 120 deg F, dry location |
| Dimensions: | See drawing |
| Wires: | 9" 600 VAC rated, 18 AWG solid conductors |
| Configuration Programming: | Configuration programming stored in non-volatile memory |
| Mounting: | Mounts in a double gang box. Requires a switch plate with a decorator opening and a blank |

Ordering Information:

| Model Number | Description |
|--------------|---|
| WCI | Wall Control Interface |
| WCI Kit-I | Kit with WCI and ivory decorator switch |
| WCI Kit-W | Kit with WCI and white decorator switch |

To comply with RF exposure compliance requirements, for mobile configurations, a separation distance of at least 20 cm must be maintained between the antenna of this device and all persons. This device must not be co-located or operating in conjunction with any other antenna or transmitter.

Class A Digital Devices

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful Interference when the equipment is operated in a commercial environment. The equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of the equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his/her own expense.

WARRANTY INFORMATION

Adura Technologies™ warrants its products to be free of defects for a period of five years. Adura Technologies will, at its option, repair or replace any product that is defective in materials or manufacture that is returned to ADURA within the warranty period. This warranty is void if this product has been installed improperly or in an improper environment, overloaded, misused, or altered in any manner, or not installed in accordance with any labels or instructions. Adura Technologies is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of property, revenue or profit. This warranty does not cover the cost of installation, removal or reinstallation.

INSTALLATION
INSTRUCTION MANUAL

The Wall Control Interface is to be used to control lighting in commercial and industrial buildings. It is to be installed with a low voltage wall switch in place of a conventional line voltage wall switch. When an occupant presses the wall switch, the Wall Control Interface transmits the occupant’s request for more or less lighting via radio frequency.

The Wall Control Interface is intended to be used in a network of devices which communicate wirelessly, such as Light Controllers, occupancy sensors and software management tools.

The Wall Control Interface mounts inside an electrically rated junction box behind a UL listed wallplate. Often, the Wall Control Interface will be mounted in an existing junction box that was previously used for one or more wall switches. The Wall Control Interface is designed to screw into standard gang box mounting holes. There is a 30 second warm-up period when power is first applied to the Interface.

If your installation requires mounting in an alternate size junction box, please contact ADURA’s technical support. The Wall Control Interface is designed to work with a low voltage wall switch such as a Leviton® model 56081-2.

Installation Materials (Not Supplied)

Wiring connectors. All existing wiring connectors must be replaced with new UL listed wiring connectors, either wire nuts or captive-type connectors. All wiring connectors must be correctly sized for the application, the number and the size of the electrical conductors.

CAUTION

- Disconnect all incoming power before installation or service.
- All installation and maintenance work must be performed by qualified personnel.
- The Wall Control Interface must be installed in accordance with state, local and national electrical codes and requirements.

wall control interface

You will need to confirm that a double gang box has adequate available space.

If you encounter a situation other than described below, please contact Adura Technologies for technical support.

Installation Instructions:

Read these instructions in their entirety before performing any installation work.

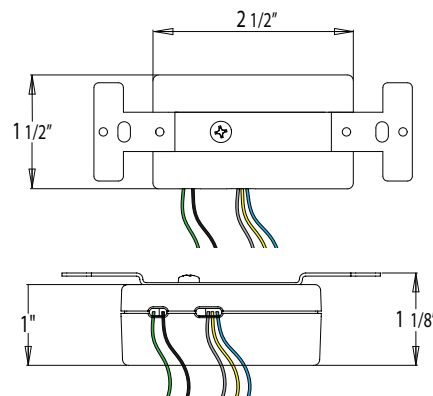
1. Turn off all power to circuit by switching the circuit breaker off.
2. Remove the existing wallplate from the wall switch location.
3. Unscrew the wall switches and pull forward. Before loosening the wires, verify that power is off to the wall switch. If power is present, stop work and identify and switch off the circuit breaker.
4. Remove both switches for bi-level switching applications.
5. Using a wire nut sized for the application, connect the hot conductor, all switched legs and the black wire on the Wall Control Interface. Verify that all wires are secured by the wire nut.
6. Connect the green wire on the Wall Control Interface to the ground wire in the junction box. If no ground wire is present, then attach the green wire to the junction box with a ground screw.
7. Connect the 3 low voltage conductors to a UL listed low voltage wall switch (for example, Leviton® model 56081-2).

- The low voltage gray conductor on the Wall Control Interface connects to the common of the wall switch.
- The low voltage blue conductor attaches to the on terminal of the wall switch.
- The low voltage yellow conductor attaches to the off terminal on the wall switch.

8. Install the wall switch on the desired side of the double gang opening. Secure the wall switch with screws to the holes provided for device mounting.
9. Attach a new wallplate with one side blank (For example, Leviton® model 80708 or 80607-W for a two gang switch box).

There is a 30 second warm-up period when power is first applied to the Interface.

Dimensions:



Wiring Diagram

