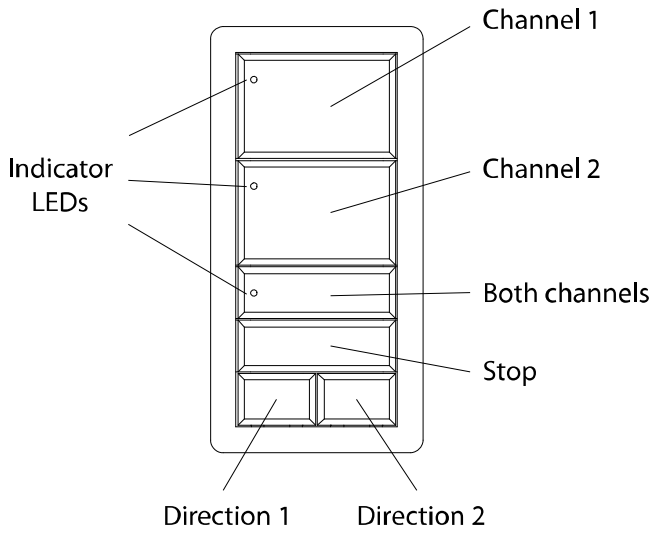
Operating instructions of the C331 wireless transmitter

The C331 wireless switch is a compact and versatile radio transmitter designed to control motorized window shades. As such, it incorporates typical functions such as channel select and movement commands (OPEN, CLOSE, STOP) into a convenient form factor suitable for flush mounting on walls.

1. **Physical description of the unit**
   a. There are six visible buttons on the control unit, three of which are for channel selection and the other three to transmit commands to the end device (typically a window shade motor).



   b. There is a LED channel indicator on each of the channel select buttons. Pressing either the Channel 1 or Channel 2 button will turn on their associated LED, indicating the channel has been successfully selected and awaiting command. The third channel select button is a special function button that selects both Channel 1 as well as Channel 2, pressing it will turn on all three LEDs indicating that any command sent will hereupon apply to all channels. LEDs will remain on until a command button is pressed, or until its timeout period has elapsed with no command.

   c. Pressing any of the command buttons will elicit a fast LED blink sequence on the selected channel. When a combination of two command buttons is pressed simultaneously, a slow LED blink sequence is activated on the selected channel. Note that the ALL channel mode does not recognize simultaneous button combinations.

2. **Functional instructions**
   a. To program a new channel, make sure the receiving device is disconnected from any power source. Select the desired channel on the wireless transmitter by pressing one of the channel buttons and connect power to the receiving device. Within 90 seconds of the receiving device having powered on, simultaneously hold down the two direction buttons

on the wireless transmitter. The LED indicator on the selected channel will begin a slow blink sequence. Since the receiving device contains a motor in most cases, the motor will briefly jog forwards and back as confirmation that the channel has been successfully programmed.

b. To reverse the running direction of the motor, the same procedure as above applies with the exception that the STOP and DIRECTION 1 buttons are pressed in this case. The LED indicator on the selected channel will begin a slow blink sequence and, if the command is successfully received, the motor will briefly jog forwards and back as confirmation that the running direction has been reversed.

c. To delete the current channel from the receiving device, the same procedure as above applies with the exception that the STOP and DIRECTION 2 buttons are pressed in this case. The LED indicator on the selected channel will begin a slow blink sequence and, if the command is successfully received, the motor will briefly jog forwards and back as confirmation that the currently selected channel has been deleted.

d. After configuration of the handset channels and running direction has been completed, standard operations may be performed by simply using the three command buttons to run or stop the receiving device. The LED of the selected channel will show a fast blink sequence when a command button is being pressed.

FCC ID: UGP-C331

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

-- Reorient or relocate the receiving antenna.
-- Increase the separation between the equipment and receiver.
-- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
-- Consult the dealer or an experienced radio/TV technician for help.