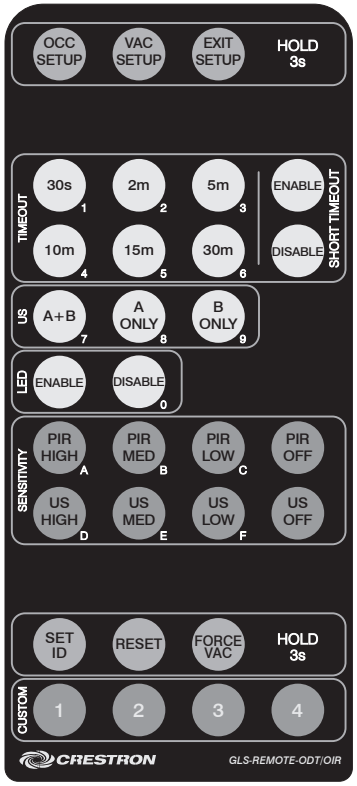
GLS-REMOTE-ODT/OIR
IR Remote for GLS Occupancy Sensors
Operations Guide

Description

The Crestron® GLS-REMOTE-ODT/OIR is a compact IR wireless remote designed specifically for setting up and commissioning a GLS-ODT-C-CN, GLS-ODT-C-NS, GLS-OIR-C-CN, or GLS-OIR-C-NS. The GLS-REMOTE-ODT/OIR provides buttons for programming and setting up the sensor without the need for a laptop computer or ladder. The GLS-REMOTE-ODT/OIR operates on two AAA batteries (included).

GLS-REMOTE-ODT/OIR Physical View



Additional Resources

Visit the product page on the Crestron website (www.crestron.com) for additional information and the latest firmware updates.

1. Enter a Setup Mode

During operation of the remote, the sensor will emit one short beep for a successful entry and one short beep followed by long beep for an unsuccessful entry. The sensor will emit two short beeps when a setup mode is exited.

To enter a setup mode, press and hold the **OCC SETUP** or **VAC SETUP** button for 3 seconds. To exit either setup mode, press the **EXIT SETUP** button.

Setup Mode Table

COMMAND	DESCRIPTION
OCC SETUP	OCC Setup mode allows the user to configure the sensitivity of the sensor when it is in an occupied state. Press and hold for 3 seconds to place the sensor into OCC Setup mode.
VAC SETUP	VAC Setup mode allows the user to configure the sensitivity of the sensor when it is in a vacant state. Press and hold for 3 seconds to place the sensor into VAC Setup mode. While in VAC Setup mode, the sensor beeps to indicate that motion is detected.
EXIT SETUP	Press to exit the active setup mode and return the sensor to normal operation. The sensor exits the active setup mode if no buttons are pressed on the remote for 5 minutes.

2. Configure the Sensor

After entering OCC Setup mode or VAC Setup mode, the sensor can be configured.

COMMAND	DESCRIPTION
TIMEOUT (30s, 2m, 5m, 10m, 15m, 30m)	These buttons set the time that the sensor must not see any motion before going to the vacant state. Timeout settings may be applied in OCC Setup or VAC Setup modes.
SHORT TIMEOUT (ENABLE / DISABLE)	These buttons enable or disable Short Timeout mode. Short Timeout mode limits the timeout to 60 seconds for the first 90 seconds of occupancy after which the normal timeout applies. Short timeout settings may be applied in OCC Setup or VAC Setup modes.
US (A+B, A ONLY, B ONLY)	These buttons enable or disable some or all of the ultrasonic (US) sensors. The A and B sensor banks are labeled under the cover of the sensor. If the sensor is not accessible, the A sensor bank is on the same side as the red LED and the B sensor bank is on the same side as the green LED. US settings may be applied in OCC Setup or VAC Setup modes. • A+B enables both banks of the ultrasonic sensors. • A ONLY enables bank A and disables bank B. • B ONLY enables bank B and disables bank A.
LED (ENABLE, DISABLE)	Press these buttons to enable or disable the LEDs during normal operation. The green LED is for US detection and the red LED is for PIR detection. The LEDs are always enabled during a setup mode. LED settings may be applied while in OCC Setup or VAC Setup mode.
SENSITIVITY (PIR HIGH, PIR MED, PIR LOW / PIR OFF)	When in OCC Setup mode, these buttons set the sensitivity of the passive infrared (PIR) sensor while the room is occupied. When in VAC Setup mode, they set the sensitivity of the PIR sensor while the room is vacant. Settings for PIR LOW, PIR MED, or PIR HIGH indicate the sensitivity to motion. PIR OFF disables the PIR sensor regardless of which state the sensor is in. Refer to the “Detection Range” section in the sensor’s installation guide at www.crestron.com/manuals for more information on sensitivity.
SENSITIVITY (US HIGH, US MED, US LOW, US OFF)	When in OCC Setup mode, these buttons set the sensitivity of the US sensor while the room is occupied. When in VAC Setup mode, they set the sensitivity of the US sensor while the room is vacant. Settings for US LOW, US MED, or US HIGH indicate sensitivity to motion. US OFF disables the ultrasonic sensors regardless of the sensor state. Refer to the “Detection Range” section in the sensor’s installation guide for more information on sensitivity.
SET ID	This button sets or changes the Net ID of the sensor. 1. Press and hold the **SET ID** button for 3 seconds. The sensor emits 3 short beeps to indicate that it is ready for Net ID entry. 2. Enter the Net ID of the sensor using the numeric keypad on the remote. The sensor emits 1 short beep for each number entry. 3. Press **SET ID** to confirm the entry. The sensor emits one long beep to indicate successful Net ID entry and three short beeps to indicate failed entry.
RESET	Hold this button for 3 seconds to reset the sensor back to its factory default settings. The Net ID is not changed during device reset. The factory settings are listed below: • Remote Timeout: 0 minutes • Local Timeout: 5 minutes • Short Timeout: Disabled • US: A+B enabled • LED: Enabled • Sensitivity: PIR medium and US medium
FORCE VAC	Hold this button for 3 seconds to force the sensor to enter the vacant state. The sensor ignores triggers for 5 seconds and then reverts to normal operation.
CUSTOM (1, 2, 3, 4)	These buttons are reserved for future custom programming.

As of the date of manufacture, the GLS-REMOTE-ODT/OIR has been tested and found to comply with specifications for CE marking.

CE

Federal Communications Commission (FCC) Compliance Statement

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.

CAUTION: Changes or modifications not expressly approved by the manufacturer 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 when the equipment is operated in a commercial environment. This 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 this 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 own expense.

Industry Canada (IC) Compliance Statement

CAN ICES-3(B)/NMB-3(B)

The product warranty can be found at www.crestron.com/warranty.

The specific patents that cover Crestron products are listed at patents.crestron.com.

This document was written by the Technical Publications department at Crestron.

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