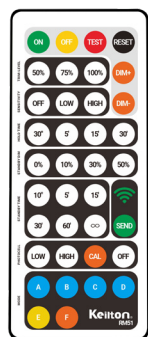


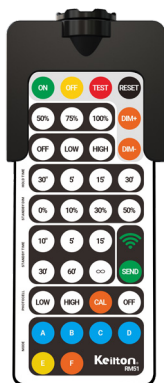
Keilton

*Basic*³²

RM51/RM52 Remote



RM51.A0



RM51.A1



RM52.A0

Description

The RM51/RM52 Remote is used to program the configurations of the Keilton Basic sensors using infrared (IR) communications with the devices. It offers 6 default modes of configurations plus manual settings. Customer configurations can be created, saved and then sent to each device ensuring a rapid deployment.

Features

- Low power consumption.
- Infrared communication.
- Programs most Keilton Basic G2 sensors.
- Custom configurations can be saved to profiles A, B, C, D, or F.
- 40 ft maximum IR range. Over 50 ft with the RML. See table below.
- RML extends the IR range. (Included with new orders; available as a separate accessory. See table below).

Specifications

Communication Mode	Infrared
Supply Voltage	3V (2× CR2032 batteries)
Housing Material	Plastic
Flame Rating	HB
Working Humidity	≤90% RH
Operating Temperature	0°C to 45°C, 32°F to 113°F
Warranty	5-year warranty

Ordering Information

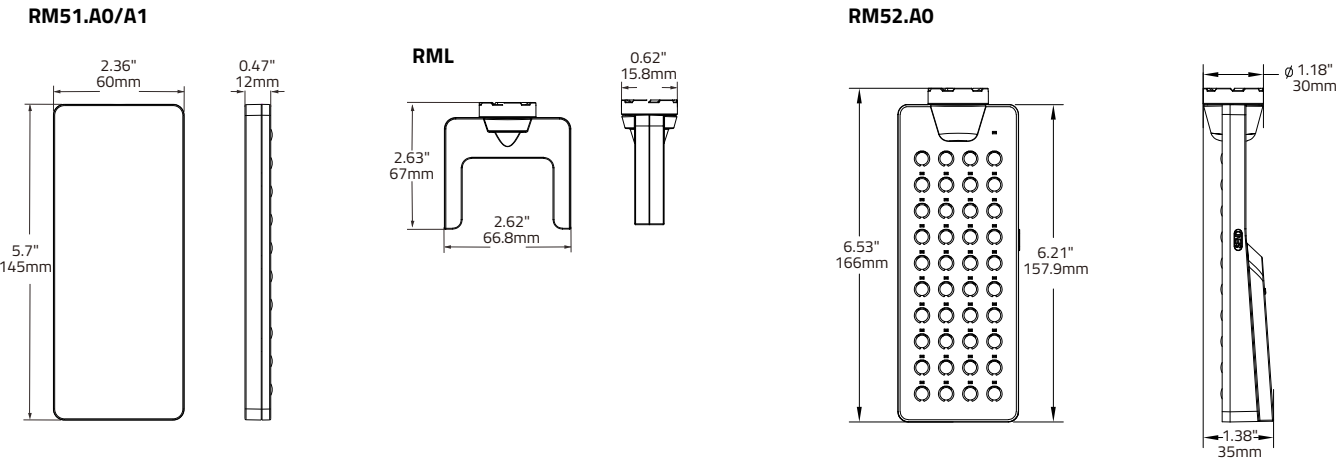
Model	Description
RM51.A0	Basic Sensor Controller RM51
RM51.A1	Basic Sensor Controller RM51 With RML
RM52.A0	Basic Sensor Controller RM52

Ordering Information - Accessories

Model	Description
RML	Extended IR range for commissioning

Dimensions

Unit:inch/mm



Remote Instructions

Memory Mode (Commissioning)

To begin commissioning, follow these steps:

1. Select a memory profile: A, B, C, D, or E.
2. The remote's indicator lights will flash, indicating the currently saved settings.
3. Configure settings by pressing the appropriate buttons in the highlighted gray area of the remote (TRIM-LEVEL, SENSITIVITY, HOLD TIME, STANDBY DIM, STANDBY TIME, and PHOTOCELL). Review and adjust as needed.
4. Point the remote at the desired luminaire and press "SEND."
5. The luminaire will flash twice to confirm the settings are saved. Changing a parameter in a memory profile will automatically override previous settings.
6. If configuring multiple luminaires, repeat steps 4 and 5 after selecting the configured memory mode.

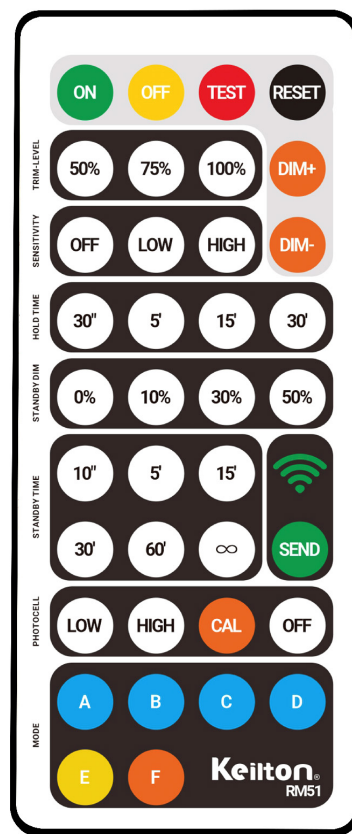
* **E Mode** allows for visual adjustment to select the desired dimming level.

Daylight Harvesting (F Mode)

Continuous Adjustment Mode automatically adjusts dimming levels based on available daylight.

1. Point the remote at the desired luminaire and press "ON," then press DIM+ or DIM- to adjust the dimming level.
2. Press "F." The indicator lights on the remote will show the current saved settings. **Note:** Only TRIM-LEVEL, SENSITIVITY, and HOLD TIME apply to Daylight Harvesting settings.
3. Review the selected settings and make changes as necessary. Press "SEND."
4. If configuring multiple luminaires, select the configured Daylight Harvesting settings, then repeat steps 1 through 3.

ON	Turns ON luminaires.
OFF	Turns OFF luminaires.
TEST	The fixture enters the test mode and exit automatically after 5 minutes, the test mode parameters are configured as follows: Trim-level: 100%, Sensitivity: HIGH, Hold time: 2s, Standby dim: 50%, Standby time: 2s.
RESET	Trim= 100% , Sensitivity = High , T1 = 5 min , Standby Dim = 30% , T2 = 60 min , Photocell = OFF .
DIM+/-	Press Dim+ or Dim- to adjust brightness in 0.5V increments. Hold the button for continuous dimming
TRIM-LEVEL	Sets maximum brightness.
SENSITIVITY	Sets the motion sensitivity of the sensor. LOW: 50% / HIGH: 100% / OFF: Disable motion detection.
HOLD TIME	The duration that elapses without occupancy detection before transitioning to standby dim.
STANDBY DIM	Selects standby dim level.
STANDBY TIME	Standby time. When set to "∞", the daylight detection function is activated.
PHOTOCELL	Visible light threshold. The fixture turns on when light falls below the threshold. LOW: 5 fc / HIGH: 20 fc / CAL: Collect current visible light illuminance as the threshold / OFF: Disable PHOTOCELL function.
MODE	Default configuration parameters for modes A through F .
SEND	Sends settings to sensor.
DEFAULT MODE A	Trim= 100% , Sensitivity = Low , T1 = 30 min , Standby Dim = 50% , T2 = ∞, Photocell = CAL .
DEFAULT MODE B	Trim= 100% , Sensitivity = Low , T1 = 30 min , Standby Dim = 50% , T2 = 15 min , Photocell = CAL .
DEFAULT MODE C	Trim= 100% , Sensitivity = Low , T1 = 30 min , Standby Dim = 50% , T2 = 15 min , Photocell = OFF .
DEFAULT MODE D	Trim= 50% , Sensitivity = Low , T1 = 30 s , Standby Dim = 50% , T2 = 30 min , Photocell = CAL .
DEFAULT MODE E	Manual Dimmer Mode, Trim= 100% .
DEFAULT MODE F	Daylight Harvesting, Trim= 50% , Sensitivity = Low , T1 = 15 min .



Note: When Standby Time is set to a value other than ∞, the following sequence occurs:

ambient light falls below the threshold → fixture turns on and dims to trim level → T1 timeout → dims to standby dim level → T2 timeout → fixture turns off.

Note: In Modes B and D, CAL sets the ambient light threshold for turning the fixture on, but does not control when the fixture turns off. Turn-off is governed by the Standby Time setting.

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