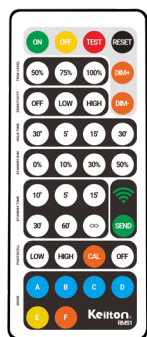


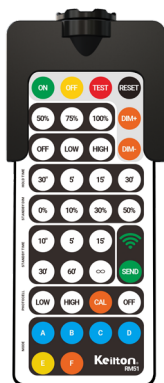
Keilton

Basic³²

RM51 Remote



RM51.A0



RM51.A1

Description

The RM51 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.
- Setting most of Keilton Sensors G2.
- Custom Configurations can be saved to A, B, C, D, F.
- 40' maximum IR range.
- RML (included with new orders, available as an accessory for order) installed will increase IR range. (See table below)

Specifications

Communication Mode	Infrared
Supply Voltage	3V(2 pcs 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 years warranty

Ordering Information

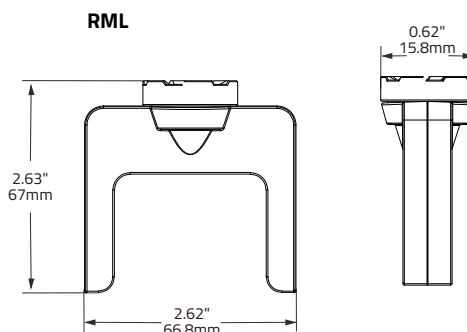
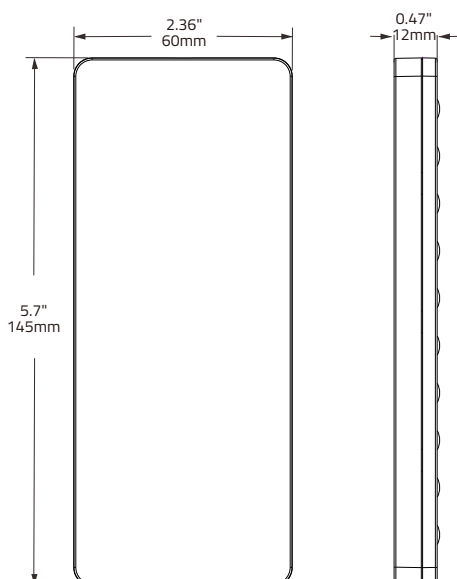
Model	Description
RM51.A0	Basic Sensor Controller RM51
RM51.A1	Basic Sensor Controller RM51 With RML

Ordering Information - Accessories

Model	Description
RML	Extended IR range for commissioning

Dimensions

Unit:inch/mm



Model	Remote control distance
IFS01R.B1	60ft
EFS01RE.B1	57ft
IFS06R.B1	73ft
EFS07-AUX.B1	68ft
IFS05SE.B1	37ft
EFS06R-AUX.B1	85ft
IFS08ET.B1	87ft
EIFS08.B1	72ft

ON

OFF

TEST

RESET

50%

75%

100%

DIM+

OFF

LOW

HIGH

DIM-

30'

5'

15'

30'

0%

10%

30%

50%

10'

5'

15'

30'

60'

∞

SEND

LOW

HIGH

CAL

OFF

A

B

C

D

E

F

Keiton

RMS1

TIME/THRESH

ALTIMETER

TIME/TIME

TIME/TIME

TIME/TIME

TIME/TIME

MODE

Keiton

RMS1-A1

5000

BASIC REMOTE CONTROLLER

Preset Mode Setting

Model	Time/High	Sensitivity	T1	Steady Dim	T2	Protocol	Manual Mode	Daylight Detection
A	100%	Low	30 min	50%	∞	CAL	/	/
B	100%	Low	30 min	50%	15 min	CAL	/	/
C	100%	Low	30 min	50%	15 min	OFF	/	/
D	100%	Low	30 min	50%	15 min	OFF	/	/
E	100%	Low	30 min	50%	15 min	YES	/	/
F	100%	Low	15 min	50%	15 min	YES	/	/

Reset

100%

High

15 min

30%

Steady Dim

15 min

OFF

Protocol

LOW (50%)

HIGH (20%)

CAL (Calibrates the current LUX level)

ON

Keiton

RMS1-A1

5000

Quick Setting

1. Select a preset mode (A-F). (Modify preset mode via interface if necessary).

2. Press and hold the **TEST** button for 5 seconds. (The screen will show the selected mode).

3. Press and hold the **RESET** button for 5 seconds. (The screen will show the selected mode).

4. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

5. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

6. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

7. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

8. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

9. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

10. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

96-25

MADE IN CHINA

Instruction

Battery Type: CR2032 x 2

ON

OFF

TEST

RESET

50%

75%

100%

DIM+

OFF

LOW

HIGH

DIM-

30'

5'

15'

30'

0%

10%

30%

50%

10'

5'

15'

30'

60'

∞

SEND

LOW

HIGH

CAL

OFF

A

B

C

D

E

F

Keiton

RMS1

TIME/THRESH

ALTIMETER

TIME/TIME

TIME/TIME

TIME/TIME

TIME/TIME

MODE

Keiton

RMS1-A1

5000

BASIC REMOTE CONTROLLER

Preset Mode Setting

Model	Time/High	Sensitivity	T1	Steady Dim	T2	Protocol	Manual Mode	Daylight Detection
A	100%	Low	30 min	50%	∞	CAL	/	/
B	100%	Low	30 min	50%	15 min	CAL	/	/
C	100%	Low	30 min	50%	15 min	OFF	/	/
D	100%	Low	30 min	50%	15 min	CAL	/	/
E	100%	Low	30 min	50%	15 min	YES	/	/
F	100%	Low	15 min	50%	15 min	YES	/	/

Reset

100%

High

30%

Steady Dim

Protocol

LOW (50%)

HIGH (20%)

CAL (Calibrates the current LUX level)

ON

Keiton

RMS1-A1

5000

Quick Setting

1. Select a preset mode (A-F). (Modify preset mode via interface if necessary).

2. Press and hold the **TEST** button for 5 seconds. (The screen will show the selected mode).

3. Press and hold the **RESET** button for 5 seconds. (The screen will show the selected mode).

4. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

5. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

6. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

7. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

8. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

9. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

10. Press and hold the **SEND** button for 5 seconds. (The screen will show the selected mode).

96-25

MADE IN CHINA

Instruction

Battery Type: CR2032 x 2

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. Settings can be configured 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 the selected settings and make changes 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.

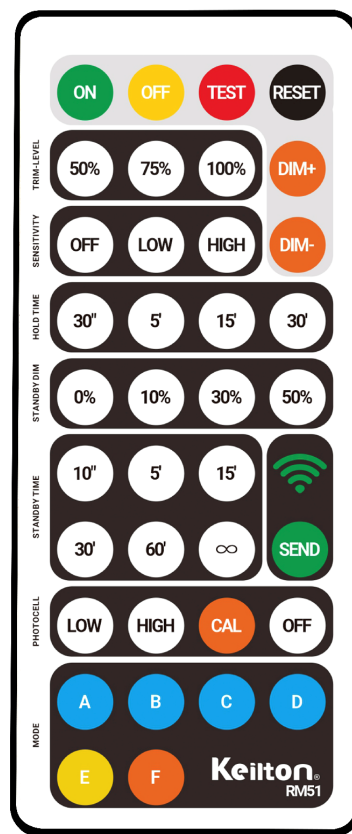
* **E Mode** allows for visual adjustment to choose the desired dimming level.

Daylight Harvesting (F Mode)

Continuous Adjustment Mode adjusts dimming levels based on 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 can be selected for Daylight Harvesting settings
3. Review the selected settings and make changes as necessary. Press "SEND."
4. If the configuration is successful, the luminaire will flash twice to confirm the setting is saved. If configuring multiple luminaires, select the configured Daylight Harvesting settings, then follow step 1, step 2 and step 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	Set Maximum brightness.
SENSITIVITY	Set the motion sensitivity of the sensor LOW: 50% / HIGH: 100%, OFF: disable the motion detection function.
HOLDTIME	The duration that elapses without occupancy detection before transitioning to standby dim.
STANDBY DIM	Select any standby dim level.
STANDBY TIME	Standby time, when the time is set to "∞", the daylight detection function is activated.
PHOTOCELL	visible light threshold, the fixture is allowed to be turned on when it falls below the threshold LOW: 5fc / HIGH: 20fc, CAL: Collect the current visible light illuminance as the threshold, OFF: disable PHOTOCELL function.
MODE	Default configuration parameters for mode A to F .
SEND	Send 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 .



What is the expected operation if the user sets Standby Time to something other than INFINITE?

moiton -> the intensity of ambient light is lower than the threshold set by the PC->turn on the light and dim to trim-level->t1 timeout->dim to standby dim ->t2 timeout->turn off the light.

If it does not turn OFF the fixture, why would Mode B and D use CAL as the default?

The ambient light intensity stored by CAL will serve as the threshold for turning on the lights, but it has no connection with the function of turning off the lights.

Contact Us

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