PHILIPS

Transmitter IR Point

remote control

Specification Sheet

IRT9010, Transmitter IR Point

The "IRT9010 Transmitter IR Point" is an easy to use infrared remote control for everyday use. Although optimally designed for products from both the ActiLume and OccuSwitch family it can work together with other products that support RC5 code. It is a battery powered (2x AAA or LR03 coded) hand held remote control and can be used to switch and/or dim luminaires. Lighting control can be on individual basis, single luminaire, or on luminaires in a network. Even within a lighting network groups can be controlled separately as the "IRT9010 Transmitter IR Point" can be assigned to different IR groups. Besides this it also has two buttons to control the temperature setting of Heating Ventilation Air Conditioning (HVAC) equipment three buttons for scene/preset recall and there is one dedicated button to activate the daylight dependent regulation (DDR) function. Expected battery life time is in access of two years (based on 6 times using daily).

Features and benefits

- The Philips IRT9010 Transmitter IR Point is a user friendly battery powered infrared remote control for luminaire and HVAC applications.
- Large icon based buttons.
- Dedicated off, temperature up, temperature down and three scene/preset recall buttons.
- Two dual function buttons for luminaire control, on/dim up and off/dim down.
- Remote can be assigned to one out of seven IR groups.
- Powered by two standardized AAA (LR03) batteries.
- Settings remain in the unit in access of 20 min without being powered. This is sufficient time to replace the batteries when these are exhausted.

Applications

The IRT9010 Transmitter IR Point is an indoor infrared remote control and is suited to control luminaires and/or HVAC equipment.
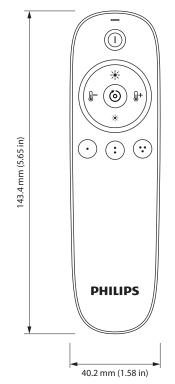
⊜ Note

Not all Philips Lighting components can be used for the transfer of IRT9010 HVAC commands. More specific only the two following components support the transfer of these commands:
- ActiLume DALI gen2 controller LLC1663, when in BMS configuration and the HVAC function enabled
- OccuSwitch DALI BMS LRM2090

Another aspect is that only some specific Loytec gateways, interface between the suitable Philips Lighting components and the rest of the BMS network, are able to handle the HVAC commands.

For details refer to either the ActiLume DALI gen2 OEM application guide or OccuSwitch DALI user guide.

Dimensional drawing

143.4 mm (5.65 in)

40.2 mm (1.58 in)

Philips quality

This ensures quality with respect to:
- System supplier
- As manufacturer of lamps, electronic control gear and lighting control equipment, Signify ensures that, from the earliest development stage, optimum performance is maintained.
- International standards
- Philips lighting control equipment complies with all relevant international rules and regulations.

Specifications

Transmitter

technology	infrared (RC5 coding)
pattern	20^0 (circular field)
range	4m @ 20° / 8m @ 0°

Power

supply	2 x AAA (LR03) batteries
consumption	≤25 mA
Dimensions (length, width, height)	143.4 x 40.2 x 21.6 mm (5.6 x 1.6 x 0.9 in)
Weight	41 g (without batteries)

Housing

color	dark grey (RAL9010)
outer material	Chimei ABS
flame rating	UL94 HB
glow wire test	850 ˚C ≤5 s extinction time
insulation for safety	≥ 1500V
ball pressure test	125 ˚C
surface texture	spark erosion VDI 3400 Ref. 27

Environmental

Operational	
temperature	–5 ˚C to 43 ˚C
relative humidity	45% to 85% (no condensation)

Storage	
temperature	–15 ˚C to 70 ˚C
relative humidity	40% to 80% (no condensation)
Pollution degree	2
IP protection	IP20

Compliances and markings

EU directives	
EC 1999/5	radio and telecommunication equipment
EC 2004/108	electromagnetic compatibility
EC 2002/95	restriction hazardous materials (RoHS)
EC 1907/2006	registration and restriction of chemicals (REACH)
Harmonized standards	
EN 300 440	Short range device
EN 61 000–6–2	EMC immunity
EN 61 000–6–3	EMC emission
Certification	CE marking

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Packing data

Type	Box dimensions (mm)	Qty/Box	Material	Weight (Kg)	
				net	gross
IRT9010	158 x 48 x 23 mm (6.2 x 1.9 x 0.9 in)	1	Cardboard	0.041	0.066

Ordering Data

Type	MOQ	Ordering number	EAN code level 1	EAN code level 3	EOC
IRT9010/00 Transmitter IR Point	1	9137 003 92403	8718696 596661	8718696 596678	596661 00

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www.philips.com/lighting