

Описание

ekinex® EK-QR6-IR - ИК (инфракрасный) пульт дистанционного управления для параметризации KNX-датчиков движения/присутствия EK-DF1-TP, EK-DG1-TP and EK-DH4-TP.

Основные характеристики

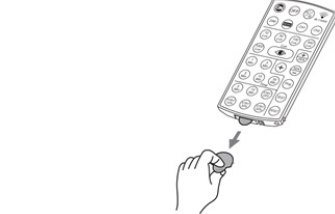
- Простое и комфортное управление с пола, обеспечивающее безопасное конфигурирование KNX-датчиков после предварительной настройки с помощью ETS.
- Быстрая настройка параметров работы KNX-датчиков в любое время нажатием кнопки..
- Передача датчику KNX отдельных параметров или полного пакета значений одновременно
- Дополнительная функция "Мемо", предполагающая сохранение и дублирование установочных значений для простой и быстрой настройки других датчиков.
- Возможность настройки дополнительной функции автоматического определения уровня естественного освещения

Технические характеристики

- Номинальное напряжение:3V DC (CR2032 батарея)
- Диапазон передачи 10м:
- Угол передачи: 35°
- Рабочая температура:0°C to +45°C
- Температура хранения:-25°C to +55°C

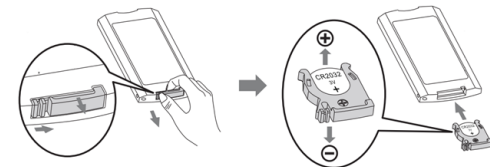
Установка

Батарея входит в комплект ИК пульта управления. Перед началом использования удалите защитный (изоляционный) лист, как показано на рисунке



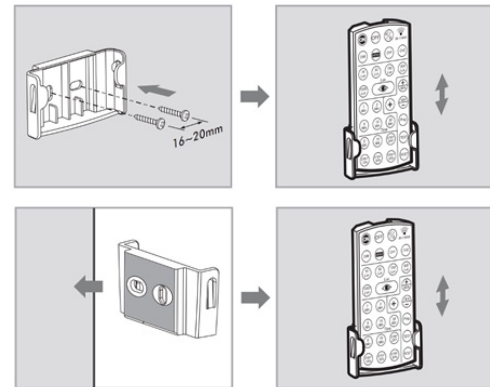
Замена батареи

Нажмите на запирающий механизм и вытащите держатель батареи, затем вставьте новую батарею (тип CR2032 3V DC). Убедитесь, что полярности батареи расположены правильно, затем вставьте держатель батареи в корпус пульта.



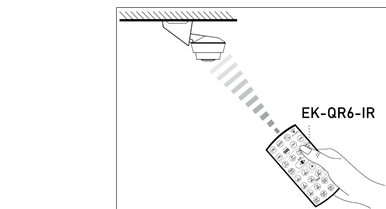
Установка настенного кронштейна

Установите кронштейн на стене при помощи деревянных винтов или двусторонней липкой ленты (данные аксессуары включены в комплект устройства).



Работа устройства

Для получения более подробной информации о программировании устройства, пожалуйста, изучите инструкции к устройствам, которые вы планируете настраивать при помощи пульта. Для настройки расположите пульт под датчиком, постарайтесь избежать воздействия прямого яркого света на датчик во время настройки.



Функции удаленного управления

- 1
- 2
- второго канала (CH2) будут
- 1

Кнопка	Функция
ON	<p>Включение нагрузки (на 8 часов)</p> <ul style="list-style-type: none"> "ON", Under unlocked status, press "CH1" or "CH2" button first to select desired channel for value setting, then press the "ON" button to switch load on. If the button is pressed directly without selecting a channel, both CH1 and CH2 will be switched simultaneously. The sensor will return to Auto mode af-ter 8hrs or by pressing the "ON" button again, and the sensor will return to Auto mode.
OFF	<p>Switch load Off (for 8 hours)</p> <ul style="list-style-type: none"> By pressing the "OFF" button, the load will be forced OFF for 8hrs. Under unlocked status, press "CH1" or "CH2" button first to select desired channel for value setting, then press the "OFF" button to switch load off. If the button is pressed directly without selecting a channel, both CH1 and CH2 will be switched simultaneously. The sensor will return to Auto mode af-ter 8hrs or by pressing the "OFF" button again. When the sensor power supply is switched off for 5sec, the sensor will also return to auto mode. The "OFF" key is inactive under lock mode.
Lock / Unlock	<p>Lock / Unlock remote buttons</p> <p>Under locked status, no buttons on the remote are workable except "CH1", "CH2" and "DIM".</p> <p>By pressing the "Lock / Unlock" button, the IR remote keys are activated or deactivated as follows.</p> <p>When load is ON (except in "8hrs on" mode):</p> <ul style="list-style-type: none"> if the load switches off and the LED on the sensor flashes quickly for 5sec, the detector is unlocked and enters into IR setting mode; if the load remains ON and the LED remains ON for 5sec, detector is locked and no adjustments of IR are workable. <p>When load is OFF (except in "8hrs on" mode):</p> <ul style="list-style-type: none"> if the load switches on/off sequentially and the LED on the sensor flashes quickly for 5sec, the detector is unlocked and enters into IR setting mode; if the load remains OFF and the LED remains ON for 5sec, detector is locked and no adjustments of IR are workable. <p>If no buttons are pressed on the remote for 2min, the sensor will be locked automatically even without pressing the "Lock / Unlock" button Detector will also be locked automatically when power is reapplied after a power off.</p>
TEST	<p>Test mode</p> <p>The sensor starts the "Walk test" (see sensor's manual for reference).</p>

DIM	<p>Perform load dimming</p> <p>Press the "DIM" button to start dimming, then press it again to stop dimming when the light is at the desired level.</p> <p>If the remote is locked, the final dimming value will not be saved; next time the light is switched on, it will be dimmed automatically to last brightness level.</p> <p>If the remote is unlocked, the final dimming value will be saved; next time the light is switched on, it will be dimmed automatically to the brightness level just set.</p> <p>Under unlocked status, press "CH1" or "CH2" button first to select desired channel for dimming; if the "DIM" button is pressed directly without selecting a channel, both CH1 and CH2 will be switched simultaneously.</p>
RESET	<p>Reset sensor settings</p> <p>By pressing the "Reset" button, if the sensor is unlocked, all settings made by IR remote on the sensor will be deleted and all MEMO (saved) data will be deleted as well.</p>
CH1 CH2	<p>Channel selection</p> <p>When the sensor is unlocked, press the "CH1" or the "CH2" button to select the channel used for subsequent value settings.</p>
10 Lux 10000 Lux	<p>Channel brightness threshold adjustment</p> <p>After selecting the channel through the "CH1" or the "CH2" buttons, press one of these buttons to set the corresponding threshold brightness levels for on/off switching of the connected load. The value can also be adjusted through the "+" button.</p>
1 min 30 min	<p>Channel off delay time adjustment</p> <p>After selecting the channel through the "CH1" or the "CH2" buttons, press one of these buttons to set the corresponding delay time for switching off the connected load. The value can also be adjusted through the "+" button.</p>
5 Min / 15 Min / STBY OFF	<p>Channel standby time adjustment</p> <p>After selecting the channel through the "CH1" or the "CH2" buttons, press one of these buttons to set the corresponding standby time for the connected load. The value can also be adjusted through the "+" button.</p>
STBY 10% / STBY 30% / STBY 50%	<p>Channel standby brightness level adjustment</p> <p>After selecting the channel through the "CH1" or the "CH2" buttons, press one of these buttons to set the corresponding standby brightness value for the connected load. The value can also be adjusted through the "+" button.</p>
MEMO	<p>Store last settings on the remote for duplication to other sensors</p> <ol style="list-style-type: none"> Set the desired Lux, time, STBY and STBY% values on one sensor by using the IR remote controller. Press the "MEMO" button for approx. 3sec aiming at the sensor; the Lux, time, STBY and STBY% settings stored on the sensor will be read and saved into the IR remote. The sensor's LED should now be flashing. By pressing "MEMO" button again for approx. 1sec while aiming at a new sensor, the saved settings will be transferred to the new sensor. Settings can be transferred to other sensors by repeating last step above. <p>If no data is saved in the remote controller, after pressing the "MEMO" button the sensor will show no reaction. If the remote battery is removed for more than 5sec or the "RESET" button is pressed, all data in the remote controller will be deleted.</p>

+	<p>Add value to setting</p> <p>When setting a parameter value by pressing any of the corresponding buttons, the "+" key allows to sum several values for the same setting. For instance: to set a Lux value, press "10 Lux", "+" and "50 Lux". This will yield a final value of 60 Lux for the parameter.</p> <p>Notes:</p> <ul style="list-style-type: none"> "+" is only valid for setting value of Lux / Time / STBY / STBY%. "+" is invalid without pressing any of the Lux / Time / STBY / STBY% setting keys first Each distinct value can be summed only one time for each setting.
{O}	<p>Acquire current light level for light control function</p> <p>If the pre-programmed brightness threshold values for load switching do not match user's requirement, the current ambient light level value can be read.</p> <p>The steps are as below:</p> <ul style="list-style-type: none"> Press button "CH1" or "CH2" to select the load to be controlled. Press the "{O}" button until detector LED is flashing, to enter into learning mode (learning time is 10sec). The ambient light level is then acquired and confirmed by both load and LED turning on for 5sec, then off, to indicate that learning was successful. <p>Afterwards, the sensor returns to Auto mode.</p> <p>Note: If the ambient light level is outside the 10 - 2000Lux range, the sensor will learn for 10sec, then LED flashes quickly for 5sec, and the limit value of 10 Lux or 2000 Lux will be stored.</p>
Prog.	<p>Activate ETS programming mode</p> <p>Pressing the "Prog." button activates the KNX programming moe, allowing the ETS software to download the device address or application program. Activation of the programming mode is confirmed by the blue LED on the sensor; the LED will turn off during the KNX programming process.</p>
Sen + / sen -	<p>Adjust sensor sensitivity</p> <p>Pressing "Sen +" or "Sen -", at each keypress the sensitivity of sensor increases or decreases by 10%; the red LED flashes as indication. When the upper or lower sensitivity limit is reached, the LED remains ON for about 2 sec.</p>

Troubleshooting

Sensor fails to receive signal	Sensor is not powered.	Verify the KNX bus connection
	Exceed the transmission range	Be sure to operate within transmission range (<10m), and ensure aiming directly to the detector
	Remote low battery power	Replace with a new battery
	Remote locked	Make sure that the remote is in the unlocked status.
	Sensor works abnormally	Check the status of the sensor, then refer the troubleshooting section of sensor manual.
	Two or more buttons pressed at once	Press only one button at a time
	The battery insulation sheet is still in place	Remove the battery insulation sheet

Package contents

EK-QR6-IR Remote	Bracket	2x Wood Screws D4x25
Double-sided adhesive pad	Instruction sheet	

Markings

- CE: the device complies with the Low Voltage Directive (2006/95/EC) and the Electromagnetic Compatibility Directive (2004/108/EC).

Maintenance

The device is maintenance-free. To clean it, use only a dry cloth; avoid the use of detergents, solvents or other aggressive substances, particularly on the lens. This datasheet refers to the release A1.0 of the ekinex® device EK-QR6-IR, and is available for download at www.ekinex.com as a PDF (Portable Data Format) file.

File name	Device release	Update
STEQQR6IR_EN.pdf	A1.0	01 / 2020

Disposal



At the end of its useful life the product described in this datasheet is classified as waste from electronic equipment in accordance with the European Directive 2002/96/EC (WEEE), and cannot be disposed together with the municipal undifferentiated solid waste.



Warning! Incorrect disposal of this product may cause serious damage to the environment and human health. Please be informed about the correct disposal procedures for waste collecting and processing provided by local authorities.

Warnings

- In case of tampering, the compliance with the essential requirements of the applicable directives, for which the device has been certified, is no longer guaranteed.
- ekinex® KNX defective devices must be returned to the manufacturer at the following address: EKINEX S.p.A. Via Novara 37, I-28010 Vaprio d'Agogna (NO) Italy

Other information

- For further information on the product, please contact the ekinex® technical support at the e-mail address: support@ekinex.com or visit the website www.ekinex.com

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EN

IR remote control for KNX presence sensors
Code: EK-QR6-IR

CE

Datasheet



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