

英国 Rako 瑞科 RCI-4L 无线 4 通道暗藏输入模块设置指南

概述:

Rako RCI-4L 无线 4 通道暗藏输入模块一共拥有 4 个输入通道,每个通道可以单 独配置。RCI-4L 可以连接 4 个单刀双掷开关,不需提供外接直流电源。RCI-4L 使用射频的方式和 Rako 系统连接控制场景模式执行,还可以单独控制某一路灯。



系统搭建图例:



技术参数:

供电: 3VDC-1X3V 锂电池 CR2302 电池 通讯方式: Rakom 编码的调频射频, 433.9MHz 端口: 6 路直接输入,最大引线长度 300mm 尺寸: 48x48x9mm



- 一、 Rako RCI-4L 无线 4 通道暗藏输入模块接线和安装
- 1、 准备工作:安装前必须切断电源避免造成电击,6个接线端子连接4个单 刀双掷开关,电源使用 3V 锂电池 CR2302 电池。



2、 模块安装

可以将模块安装在单刀双掷开关的底盒里面,来达到暗藏的效果。

二、 将 Rako RCI-4L 无线 4 通道暗藏输入模块加入 Rako 系统中

1、确保 RA-bridge 无线网关的接线正确并接好。





2、点击添加设备,选择无线设备 RCI-4L,点击下一步。

New Device Wizard		×
Steps	Select Device	
 Select Device Name Device Assign to room 	Choose Device Type	
 Link Device 	O Any O Wired Wireless	
	RMI1200 无线 RMI500 无线	•
选择RCI-4L	RCI-4L RCI-7M RNC-xxx RSR-DALI RSR-DALI	
	RAK4 Box RXLink Other	E +
	(<u>Back</u>) [Next > [Finish] Cancel [Hel	.p

3、设置无线4通道暗藏输入模块的设备名称,然后点击下一步。

ste	ep s	Name Device
2	Select Device	
-	Name Device	
	Link Device	
		Device Name
		PCL4I
		Device Name
	输入设备名称	

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4、关联相应的房间号,通道号不需要选择。关联好房间号后点击下一步。

Steps	Assign to room
 Select Device Name Device Assign to room Link Device 	
	Options RCI-4L. RCI-4L
选择房间号 🗲	Associate to room Assign Later 🔹
	Associate to channel
17	

5、系统提示需要连接 RAMPI 设备, NFC 设备编程模块。将 RAMPI 模块接入设置 电脑, 然后点击确定。

teps		Assign to room	
. Sele	ct Device		
. Hame Assi	Device gn to room		
Link	Device		
	Connect?		
	You are r	not connected. Would you like to connect to RAKO RAMPI	
	You are r	not connected. Would you like to connect to RAKO RAMPI	

6、将 RCI-4L 放在 RAMPI 的右上方,此时 RAMPI 设备蓝灯和绿灯交替闪烁。

Steps	Link Device
. Select Device . Name Device . Assign to room . Link Device	Device Setup Mode RCI-4L
	Hold the RA-NFC (NFC programming wand) near the plate.
	Add as Virtual Device Waiting for device to enter setup

7、此时 RCI-4L 已经认证到系统了,点击完成。

Steps	Link Device
1. Select Device 2. Name Device 3. Assign to room 4. Link Device	Device Setup Mode RCI-4L
	Setup complete. Press Finish.
	Device Found
17/1	



8、RCI-4L 认证完成后,对 RCI-4L 设备进行设置。当设置 RCI-4L 时, 网关是断 开的状态,如图,

Start Page 🕺 Room Editor	Device Editor	Iransfer History	8		Communication	s E
RCI-4L	Room: 客厅	Description: RCI-4L [Rm: 13]	Device Status: Detected Version	1.0.6	Communicati	on Devices KO RAMPI
Button Config (Mapping)* M	acros MFC Data Iransfe	r			bridge A	REGREERE
Mappings 1 1 - Disabled 2 - Disabled 3 - Disabled 5 - Disabled 6 - Disabled 6 - Disabled 6 - Disabled 10 - Disabled 11 - Disabled 11 - Disabled 13 - Disabled 13 - Disabled 14 - Disabled 15 - Disabled 16 - Disabled 17 - Disabled 18 - Disabled 19 - Disabled 10 - Disabled 10 - Disabled 10 - Disabled 10 - Disabled 10 - Disabled 11 - Disabled 12 - Disabled 13 - Disabled 14 - Disabled 15 - Disabled 15 - Disabled 16 - Disabled 17 - Disabled 18 - Disabled 19 - Disabled 10 - Disabled 1	Imputs A B C U D Imputs Imput	Button Action Room: Local Room Channel: All Channels O Jo Action Scene Off Fade Up O Fade Down Stop Ident Toggle Lavel Macro Stop: Macro Stop: Macro Stop: Update Last Used Room/Channel	• • • • • • • • • • • • • • • • • • •	E		ļ
24 - Disabled	iemplates .ocal Room Scenes - Scen	te 1-4 on each input.	Los	ad Template		
Save			Sav	ve Iemplate 🚽 👻		
Later		Save & Upload			Refresh	Manual Add

9、例,将 A 通道设置为客厅吊灯的开关。首先设置 A 通道的开模式,选择一个 映射号码,将此号码映射到 A 通道,选择触点 1。

RCI-4L	Description:	rci
映射号码	Room: 客厅 [Rm: 13]	
Button Config (Mapping) Macros	NFC Data Transfer	
Mappings 1 - A - 1 -> R:13 C:3 :: Level:	Inputs	Button Action Room:
2 - A - 2 -> R:13 C:3 :: Level	B	客厅 [Rm: 13]
3 - NO IRIGGER -> R:9 :: Scere 1		Channel:
4 - NO IRIGGER -> R:13 C:27: Le		客厅吊灯 [Ch: 3]
5 - Disabled 6 - Disabled 7 - Disabled 8 - Disabled 9 - Disabled 10 - Disabled 11 - Disabled 12 - Disabled 13 - Disabled 14 - Disabled 15 - Disabled 16 - Disabled 17 - Disabled	D Mapping Options Enabled (Select Action) Trigger on: 2 0 Or Logic (Default) And Logic	 No Action Scene Off Fade Up Pade Down Stop Ident Ioggle Level Level

10、 选择对应的房间号和通道号,然后选择 Level,将 Level 数值调到最大。 此时客厅吊灯的开启功能已设置好。

Inputs	Button Action
A	Room: 选择文户间
B	客厅 [Rm: 13] □□1平/方门 ▼
	Channel:
	客厅吊灯 [Ch: 3] 选择通道 -
	O To Action
Mapping Options	Scene Off *
✓ Enabled (Select Action)	🕧 Fade Up 🔘 Fade Down
Trigger on:	Stop
№ 1 □ 2	Ident
) Or Logic (Default)	Togela Laval
🔘 And Logic	
	Level
需要执行的功能	Level: 100%
	Macro Stop
	Macro Number: 1 📩
	Macro Step: 1 🐥
	Vpdate Last Used Room/Channel
	Fade Rate For All Items
	Fada Bata
	🗹 Use Default Value

11、 然后设置通道 A 的关模式。选择另一个映射号,映射到 A 通道,选择触 点 2,如图,

RCI-4L	Description: rci		Device Status:	Nfc Comms.
Room	客厅 [Rm: 13]		•	
Button Config (Mapping)* Macros NFC Data 1	ransfer	-		
<pre>Mappings 1 - A - 1 -> R:13 C:3 :: Level: 100% 2 - Disabled 3 - NO fRIGGER -> R:9 :: Scene 1 4 - NO IRIGGER -> R:13 C:2 :: Level: 71% 5 - Disabled 6 - Disabled 7 - Disabled 8 - Disabled 10 - Disabled 11 - Disabled 12 - Disabled 13 - Disabled 14 - Disabled 15 - Disabled 15 - Disabled 16 - Disabled 17 - Disabled 18 - Disabled 18 - Disabled 19 - Disabled 21 - Disabled 21 - Disabled 22 - Disabled 22 - Disabled 23 - Disabled 24 - Disabled 25 - Di</pre>	Input A S C D Mapping Options Enabled (Select Action) Irigger on: 1 1 2 © Or Logic (Default) And Logic	Button Action Room: 當厅 [Rm: 13] Channel: 當厅形灯 [Ch: 3] ④ Ho Action ③ Scene Scene 1 ③ Fade Up ④ Fade Dow ③ Stop ③ Ident ④ Level ↓ ↓ ↓ ↓ ↓ ↓ ↓ Macro Stop Macro Step: ④ Update Last Vsed Ro	• • • • • • • • • • • • • • • • • • •	
a de la secola de la companya de la	Local Room Scenes - Scene 1-4 o	on each input.		Load Iemplate
Save				Save Iemplate
	Save & U	vload		



12、 设置房间和通道,选择客厅吊灯,选中 Level,将 Level 值调到最小。 此时客厅吊灯的关闭功能已设置好。

Start Fage 38 Koom Editor Device Edi	tor Iransfer Mistory			
RCI-4L	Description: rci		Device Status: No Nfc Comms	
Room	:客厅 [Rm: 13]		•	
Button Config (Mapping)* Macros NFC Data	Iransfer			
Mappings 1 - A - 1 -> R:13 C:3 :: Level: 100% 2 - Disabled 3 - NO TRIGGER -> R:9 :: Scene 1 4 - NO TRIGGER -> R:13 C:2 :: Level: 71% 5 - Disabled 6 - Disabled 8 - Disabled 9 - Disabled 10 - Disabled 11 - Disabled 12 - Disabled 13 - Disabled 14 - Disabled 15 - Disabled 16 - Disabled 17 - Disabled 18 - Disabled 19 - Disabled 20 - Disabled 21 - Disabled 22 - Disabled 23 - Disabled 24 - Disabled 24 - Disabled 24 - Disabled	Inputs Inputs C D Mapping Options Enabled (Select Action) Irigger on: 1 2 0 Or Logic (Default) And Logic	Button Action Room: 當厅 [Em: 13] Channel: 當厅用灯 [Ch: 3] I to Action Scene Scene 1 Fade Up Fade Down Stop I dent I oggle Lavel Level Macro Stop Macro Stop Macro Stop: 1 Macro Step: 1 Macro S	v v v Level: 08 v haunel Ll Itens ault Value	· E
	Save &	Upload		
L		n - €		

13、 设置完成后点击 Save&Upload,保存并上传。

16 - Disabled 17 - Disabled 18 - Disabled 19 - Disabled 20 - Disabled 21 - Disabled 22 - Disabled 23 - Disabled 24 - Disabled 24 - Disabled Save	Level: 0% Macro Stop Macro Jumber: 1 Macro Step: 1 Macro Step: 1 Fade Rate Fade Rate Vise Default Value
	Save & Upload

注意,在编程没有完成之前,没有点 Save&Upload,不能把 RCI-4L 取下来,完成后点击保存,进度条完成后就可以把 RCI-4L 取下来,这样就完成了设备的真正的编程。