

Technical Sheet For S7 Extension Sub Panel,4 buttons

CHPB-04/S7.1.00 (White)

CHPB-04/S7.1.01 (Black)

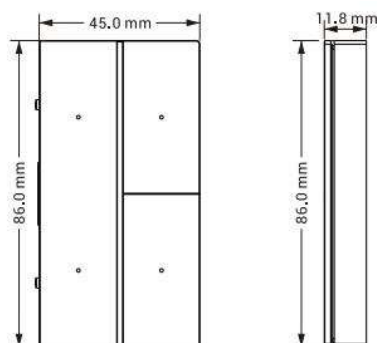
The worldwide **STANDARD** for home and building control **CE**
CHARACTERISTICS

- Support short and long operation
- Support color LED indication function and can automatically adjust the brightness according to the day /night mode
- Button can be customized as product control functions through the KNX Smart Touch S7 ,and optional installation function including switch,dimming,color temperature,,color control(RGB,RGBW,RGBCW),curtain,scene,audio control,room temperature control, Air conditioner and Ventilation System control
- Button can be customized as system control functions through the KNX Smart Touch S7,and optional system function including returning to homepage and access to the function page
- Support color ambient light display and can configure the ambient light color and brightness

PARAMETERS

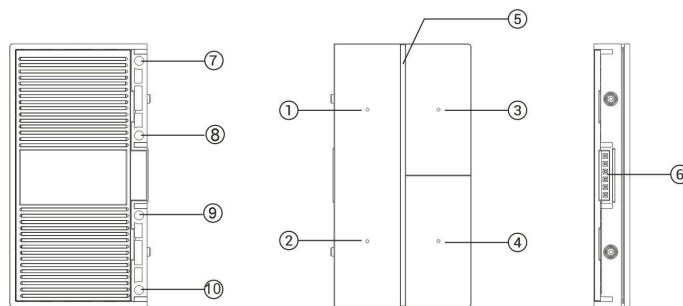
Power supply (with KNX Smart Touch S7)	Voltage	12-30V DC 5V DC (screen interface)
	Current	<205mA/24V DC <190mA/30V DC
	Consumption	<6W
Connection	6 PIN terminal	Support power supply, USB communication, serial communication
Temperature	Operation	- 5 °C ... + 45 °C
	Storage	-25 °C ... + 55 °C
	Transport	- 25 °C ... + 70 °C
Environment	Humidity	<93%, except dewing
Installation	Installation with KNX Smart Touch S7	

DIMENSIONS



Model	Dimension	Weight
CHPB-04/S7.1.00 CHPB-04/S7.1.01	45.0 x 86.0 x 11.8mm	0.1kg

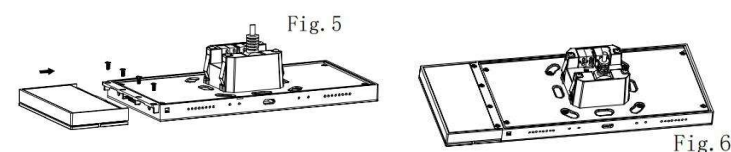
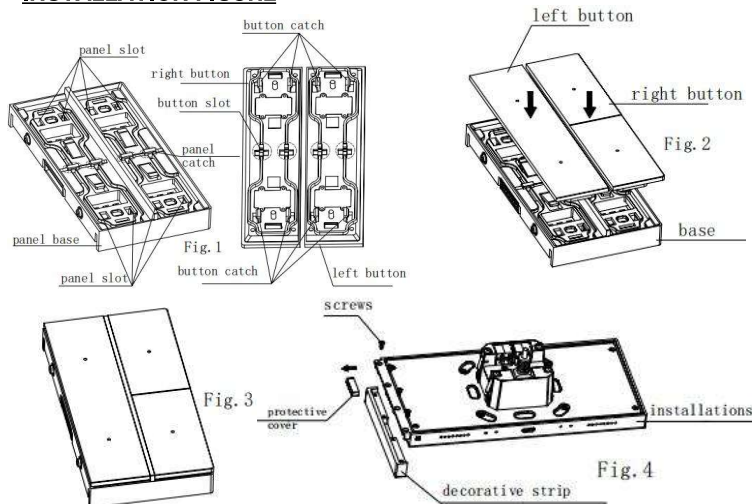
DESCRIPTIONS



①-④ :Button 1-4 ⑤ambient lighting ⑥Connection to screen
⑦-⑩screw hole

Note: The panel base should be assembled with the button (CHKA-04/S7.1.1x, CHKA-04/S7.1.2x, CHKA-04/S7.2.2x) as a complete panel unit.

INSTALLATION FIGURE



- 1.First,remove the panel base,button and identify their directions.Align the button catches with the slots in the panel bass.Next,press down on the button until button catches are completely snapped into the panel base.Button installation is complete.As shown in Fig.1,Fig.2, Fig.3;
- 2.Remove the 4 screws that fixed the metal decorative strips on the KNX Smart Touch S7 and keep the screws,then remove the decorative strip and protective cover.As shown in Fig.4;
- 3.Assemble the 6PIN terminal of the S7 Extension Sub Panel with the connector block of the KNX Smart Touch S7 and fixed it with screws.As shown in Fig.5.;S7 Extension Sub Panel and KNX Smart Touch S7 installations complete.As shown in Fig.6;

IMPORTANT INFORMATION

Installation and commissioning of the device may only be carried out by trained electricians. The relevant standards, directives, regulations and instructions must be observed when planning and implementing the electrical installation.

●Protect the device against moisture, dirt and damage during transport, storage and operation!

●Do not operate the device outside the specified technical data (e.g. temperature range)!

Should the device become soiled, it may be cleaned with a dry cloth. If this does not suffice, a cloth lightly moistened with soap solution may be used. On no account should caustic agents or solvents be used.

适用型号：
CHPB-04/S7.1.00 (皓月白)
CHPB-04/S7.1.01 (曜夜黑)

国际标准的家庭和楼宇控制系统

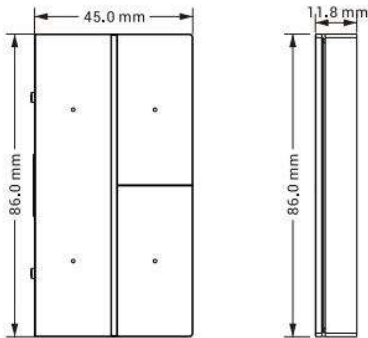
产品功能

- 支持长按和短按操作
- 支持彩色 LED 指示功能，并可以根据白天黑夜模式自动调节指示亮度
- 按键可通过配套屏幕(KNX 智能屏 S7)自定义为产品控制功能，可选设备功能包含开关、调光、色温、颜色控制（RGB、RGBW、RGBCW）功能、窗帘功能、场景功能、背景音乐功能、温控功能、空调控制、新风系统控制
- 按键可通过配套屏幕(KNX 智能屏 S7)自定义为系统控制功能，可选系统功能包含返回主页面、进入功能页
- 支持彩色氛围灯，并可以配置氛围灯颜色、渐变效果、亮度

技术参数

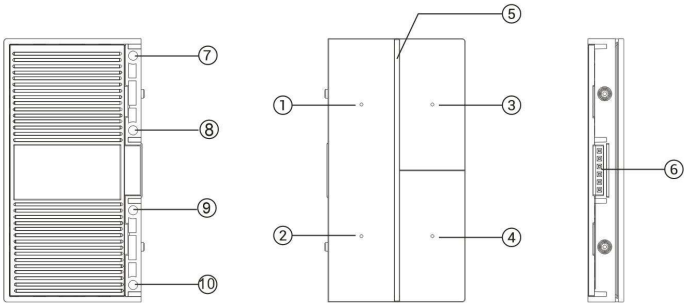
电 源 (带 KNX 智能屏 S7)	电压	12-30V DC 5V DC（屏幕接口）
	电流	<205mA/24V DC <190mA/30V DC
	功耗	<6W
连 接	6PIN 端子	支持供电、USB 通讯，串口通讯
温度范围	运行	- 5 °C ... + 45 °C
	存储	-25 °C ... + 55 °C
	运输	- 25 °C ... + 70 °C
环境条件	湿度	<93%，结露除外
安 装	搭配 KNX 中控屏 S7	

尺寸规格



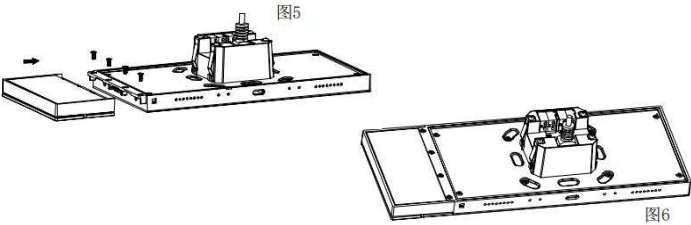
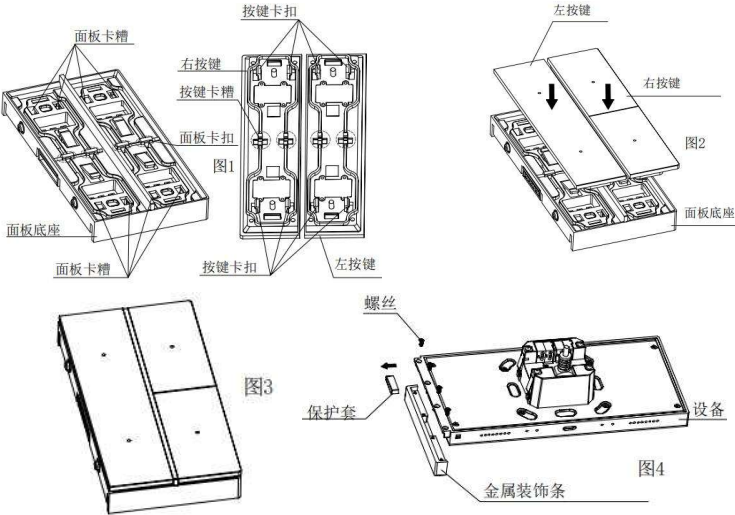
型号	尺寸	重量
CHPB-04/S7.1.00 CHPB-04/S7.1.01	45.0 x 86.0 x 11.8mm	0.1kg

接线图



①-④：按键 1~4 ⑤ 氛围灯 ⑥ 连接屏幕接口 ⑦-⑩ 螺丝孔
注意：S7 四键子面板-底座需要和按键套件(CHKA-04/S7.1.1x, CHKA-04/S7.1.2x, CHKA-04/S7.2.2x)一起组装为整机。

安装说明



- 1.取出面板底座和按键套件，辨别按键套件和面板底座的方向，将按键卡扣和面板底座的卡槽对齐，分别向下按压左、右按键，直至按键底部的卡扣完全扣入面板底座内，则按键安全完成。如图 1、图 2、图 3 所示；
- 2.用螺丝刀取出 KNX 智能屏 S7 上固定金属装饰条的 4 个螺丝，并将螺丝保存好。然后取下金属装饰条和套在插针上面的硅胶保护套。如图 4 所示；
- 3.将 S7 四键子面板的 6PIN 端子与 KNX 智能屏 S7 的连接座进行组装，并用之前卸下来的 4 个螺丝进行固定。如图 5 所示；S7 四键子面板与 KNX 中控屏 S7 安装完成，如图 6 所示；

重要提示

- 安装和调试设备只能由合格的熟练电工来操作。在计划与实施电气安装的过程中相关的标准、指令、规则和指示都要严格执行。
- 需要避免器件在运输、储存、使用的过程中受潮、脏污以及受损。
 - 不要使器件运行在指定的技术指标之外（例如温度范围）。
- 当设备脏污时，只可以使用干燥的布来清洁。如果这样不足以清洁干净,可以使用湿布蘸少许肥皂溶液轻轻擦拭。绝不能使用碱剂或者腐蚀性溶剂。