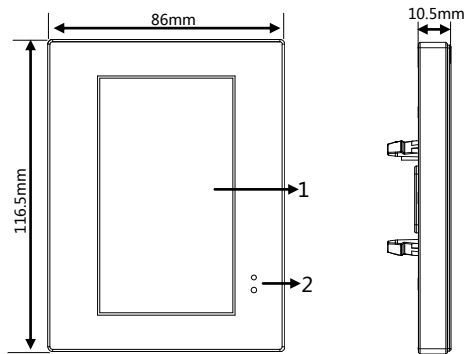
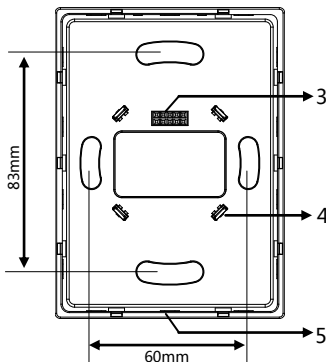


Figure 1. 4.3 inch Enviro Touch Screen
图 1. 智绚S/4.3寸触控面板Figure 2. Dimensions - Front View
图 2. 尺寸图 - 正面Figure 3. Dimensions - Side View
图 3. 尺寸图 - 侧面Figure 4. Dimensions - Back View
图 4. 尺寸图 - 背面

Overview

4.3 inch Enviro Touch Screen (See Figure 1) is a multi-function touch panel which supports the control of lighting, switches, air conditioners, FCU, music and floor heating etc. The 4.3 inch Enviro Touch Screen adopts 4.3-inch real color LCD screen and supports full touch screen control, which is easy and convenient to operate.

Functions

- Built-in temperature sensor;
- Adjustable backlight brightness;
- The interface icons can be replaced;
- The screen wakes up automatically;
- Displays current time and temperature;
- The controller will automatically switch to the clock standby interface according to the preset time. Then the panel will dim and enter power-saving mode;
- With multiple control pages, the panel can control lighting, switches, air conditioners, FCU, music playback, floor heating, etc.;
- Supports various control types: Switch Control, Dimming Control, Shutter Control, Flexible Control, Scene Control, Sequence Control, Percentage Control, Threshold Control, String (14 bytes) Control, Alternate Control, Pulse Control, RGB Control, Fan Control, Combination Control.

Important Notes

- The panel must be wall box mounted.
- The device is compliant with the KNX standard and the parameters are set by the Engineering Tool Software (ETS).
- Change icons via HDL KNX Assistant Software.

Product Information

Dimensions - See Figure 2 - 4

1. **LCD screen:** Used for icon display and touch control. The LCD brightness can be adjusted and the icons can be changed.
2. **Proximity sensor:** IR detection. When the body is close to the panel, the screen will be waken up.
3. **Communication interface:** Connects the panel to the panel power interface.
4. **Fastener:** Connects the panel to the panel power interface.
5. **Split gap:** Insert a slotted screwdriver to the split gap, then separate the panel and power interface.

Product Installation and disassembly

Installation - See Figure 5 - 7

- Step 1. Install the wall box in wall.
- Step 2. Fix the power interface into the wall box (Standard wall box for US or EU panel) with screws.
- Step 3. Hold the edge panel, then insert the panel into power interface module vertically.

Disassembly - See Figure 8

- Step 1. Insert the panel gap with a slotted screwdriver.
- Step 2. Pry up the panel gently and hold the edge panel. Then the panel can be taken off.

Safety Precautions



- The installation and commissioning of the device must be carried out by HDL or the organization designated by HDL. For planning and construction of electric installations, the relevant guidelines, regulations and standards of the respective country are to be considered.
- The device should be wall box mounted. HDL takes no responsibility for all consequences caused by installation and wire connection which are not in accordance with this document.
- Please do not privately disassemble the device or change components, otherwise it may cause mechanical failure, electric shock, fire or body injury.
- Please resort to our customer service department or designated agencies for maintenance service. The warranty is not applicable for the product fault caused by private disassembly.

Package Contents

M/MPTLC43.1 *1 / Datasheet*1

产品概述

智绚S/4.3寸触控面板(见图1)是一款多功能触摸面板。可实现对灯光,开关,空调,FCU,音乐播放,地暖等的控制。它采用4.3寸真彩液晶屏,使用全触控控制,操作方便快捷。

功能说明

- 内置温度传感器;
- 背光亮度可调;
- 界面图标可以替换;
- 屏幕唤醒功能;
- 显示当前时间和温度;
- 根据设置的时间,自动切换到时钟待机界面,屏幕变暗,进入节能模式;
- 具有多个控制页面,可实现对灯光,开关,空调,FCU,音乐播放,地暖等的控制;
- 控制类型:开关控制,调光控制,窗帘控制,灵活控制,场景控制,序列控制,百分比控制,阈值控制,字符串控制(14字节),交替控制,脉冲控制,RGB控制,风扇控制,组合控制。

注意事项

- 面板必须暗盒安装。
- 本设备属于KNX标准设备,使用ETS软件进行编程。
- 使用“HDL KNX Assistant Software”辅助软件进行图标更换。

产品信息

产品尺寸-见图2-4

1. **液晶屏:** 显示图标及各种控制。背光灯亮度可调,图标可以更换。
2. **接近传感器:** 红外感应。当人体靠近此处时,液晶屏会被点亮。
3. **通信接口:** 连接面板电源底座。
4. **卡扣:** 连接面板电源底座。
5. **拆分缺口:** 使用一字螺丝刀插入拆分缺口,即可分离面板与电源接口模块。

设备的安装和拆卸

设备的安装-见图5-7

- 步骤1. 将暗盒安装在墙上。
- 步骤2. 用螺丝将电源接口模块固定在暗盒里(欧标或美标面板标准暗盒)。
- 步骤3. 手持面板边缘,对准卡口,垂直插入电源接口模块,不可过用力按压面板。
- 拆卸面板-见图8**
- 步骤1. 用一字螺丝批插入面板缺口。
- 步骤2. 轻撬面板,手握面板边缘,即可取下面板。

安全警告



- 本设备的安装及调试工作必须由我司或我司指定的机构进行。其电气安装的计划和施工,必须遵守当地相关的安全标准和法规。
- 该产品必须暗盒安装,未按照本说明书进行安装及接线方式的,所造成的一切后果皆与我司无关。
- 请不要私自拆装或更换零部件,否则可能会导致机械故障、电击、火灾或身体伤害。
- 请将一切维修工作交由我司售后部门或指定机构进行,本产品的保修范围不适用于因用户拆卸产品而导致的故障。

装箱清单

M/MPTLC43.1 *1 / 说明书*1

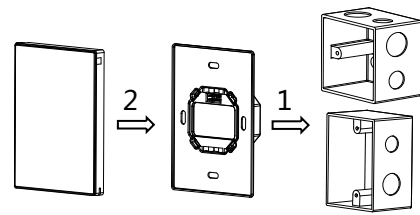


Figure 7 / 图 7 Figure 6 / 图 6 Figure 5 / 图 5

Figure 5 – 7. Installation
图 5 – 7. 安装图

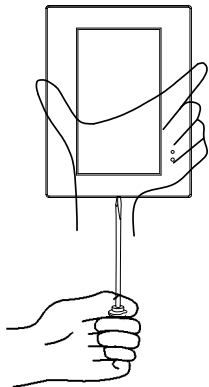


Figure 8. Disassembly
图 8. 拆卸图

EN

Technical Data

Electrical Parameters

Working voltage	21~30V DC
Working current	30mA / 30V DC
Communication	KNX
KNX terminal	0.6 - 0.8mm single core cable

External Environment

Working temperature	-5°C~45°C
Working relative humidity	≤90%
Storage temperature	-20°C~60°C
Storage relative humidity	≤93%

Specifications

Dimensions	86×116.5×10.5(mm)
Net weight	137.5g
Housing material	Glass, PC, ABS, Aluminum
Installation	Wall box (See Figure 5 - 7)
Protection rating (Compliant with EN 60529)	IP20

Name and Content of Hazardous Substances in Products

Components	Hazardous substances					
	Lead (Pb)	Mercury (Hg)	Cadmium (Cd)	Chromium VI (Cr (VI))	Poly-brominated biphenyls (PBB)	Poly-brominated diphenyl ethers (PBDE)
Plastic	o	o	o	o	o	o
Hardware	o	o	o	o	-	-
Screw	o	o	o	x	-	-
Solder	x	o	o	o	-	-
PCB	x	o	o	o	o	o
IC	o	o	o	o	x	x
Glass	o	o	o	o	o	o

The symbol "-" indicates that the hazardous substance is not contained.

The symbol "o" indicates that the content of the hazardous substances in all the homogeneous materials of the component is below the limit requirement specified in the Standard IEC62321-2015.

The symbol "x" indicates that the content of the hazardous substance in at least one of the homogeneous materials of the part exceeds the limit requirement specified in the Standard IEC62321-2015.

KNX Cable Guide

KNX	KNX cable
-	Black
+	Red

ZH

技术参数

电气参数

工作电压	21~30V DC
工作电流	30mA / 30V DC
通信协议	KNX
KNX接线端子	0.6-0.8mm单芯电缆

外部环境

工作温度	-5°C~45°C
工作相对湿度	≤90%
储存温度	-20°C~60°C
储存相对湿度	≤93%

产品规格

尺寸	86×116.5×10.5(mm)
净重	137.5g
外壳材料	玻璃, PC, ABS, 压铸铝
安装方式	暗盒安装 (见图5-7)
防护级别 (符合 EN 60529)	IP20

产品中有害物质的名称及含量

部件名称	有害物质					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr (VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
塑胶组件	o	o	o	o	o	o
五金铜件	o	o	o	o	-	-
螺丝组件	o	o	o	x	-	-
焊锡	x	o	o	o	-	-
PCB组件	x	o	o	o	o	o
IC	o	o	o	o	x	x
玻璃	o	o	o	o	o	o

- : 表示不含有该有害物质。

o : 表示该有害物质在该部件所有均质材料中的含量均在IEC62321-2015规定的限量要求以下。

x : 表示该有害物质至少在该部件的某一均质材料中的含量超出IEC62321-2015规定的限量要求。

KNX总线定义

KNX	KNX 电缆
-	黑
+	红

技术支持

服务热线：020-85820195

(工作时间：9:00-12:00, 13:00-18:00, 星期一至星期五)

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