



Figure 1. KNX Modern Series DLP Touch Panel US

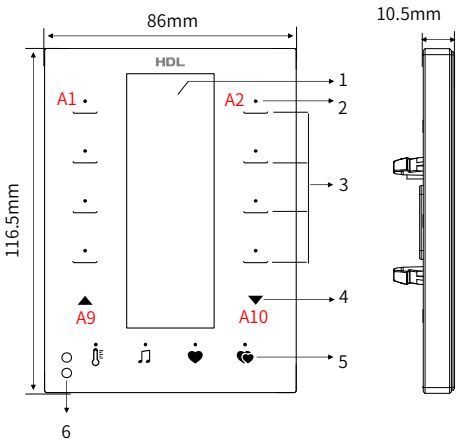


Figure 2. Dimensions - Front View

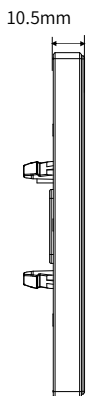


Figure 3. Dimensions - Side View

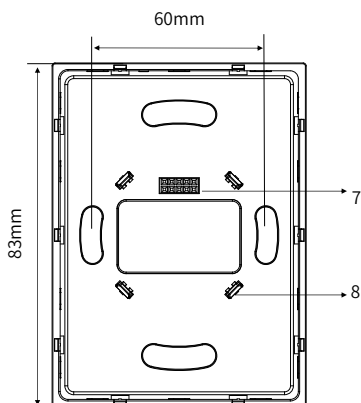


Figure 4. Dimensions - Back View

## Overview

KNX Modern Series DLP Touch Panel US (See Figure 1) is a multi-function control panel for home automation with 8 control buttons, 2 page buttons and 4 shortcut buttons. 4 general pages, the display content of which can be modified via programming software according to users' preference, are for controlling lights and curtains, etc. and dedicated air conditioner page, floor heating page and background music page are available. The shortcut buttons can turn to certain page directly, which is convenient for users.

## Functions

- Icon customization supported for page 1, 2, 3 and downloads to device via "HDL KNX Assistant Software"
- Brightness of the LCD and LED adjustable
- Touch button can be locked via KNX/EIB
- Button sound settable
- Keep pressing the first and last button (A1 and A10) together for 2 seconds, the LED Indicators will flash and the panel will enter programming mode.
- Time Display and Temperature Display
- Control types: Switch control, Dimming control, Shutter control, Flexible control, Scene control, Sequence control, Percentage control, Threshold control, Pulse control, String(14bytes) control, Combination control, HVAC control, Audio control, Floor heating control, Button Lock, Button Trigger, Remote Trigger.

## Important Notes

- The panel must be wall box mounted.
- The panel must work in conjunction with the power interface (M/PCI.3-A).
- The device is compliant with KNX standard and the parameters are set by the Engineering Tool Software (ETS).

## Product Information

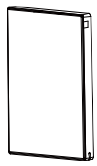
### Dimensions - See Figure 2 - 4

1. **LCD screen:** 29x84(mm). Icon can be customized by user via management software.
  2. **Button indicator:** Indicates the status of the controlled targets. The color and brightness of the indicator are customizable.
  3. **Control Button:** To control targets.
  4. **Page button:** For user to select different pages.
  5. **Shortcut button:** Directly turns to a certain page.
  6. **Proximity sensor:** Also known as wake-up function, when human body approaches the sensor, LCD screen will light up.
  7. **Communication interface:** Connects to panel power interface.
  8. **Fastener:** Connects to panel power interface.
- Programming:** Press Button A1 and Button A10 simultaneously for 2 seconds to enter programming mode.
- Panel locking and unlocking:** Press Button A2 and Button A9 simultaneously for 2 seconds to lock / unlock the panel.
- Menu:** Press Button A9 and Button A10 simultaneously for 2 seconds to enter menu page and change the following parameters:
- C/F:** Conversion between Celsius and Fahrenheit temperature.
- AtDk:** 1T/2T, the backlight will darken after no operation for delay time, and when operate the panel again,  
 1T: control target and brighten backlight immediately.  
 2T: The first operation is to brighten backlight, second operation is to control object
- Page:** Select the page you want to lock when you turn on Lock mode.
- Lock:** Turn on or off password lock mode. This function locks the menu page and the page selected by the Page option when there is no operation for 30 seconds. A password needs to be entered to unlock it.
- Password:** Set the password. The factory password and a new password should be entered. When the user first uses the panel, the factory password is "8552".

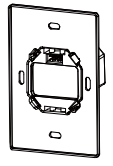


## Safety Precautions

- The installation and testing for the product must be carried out by HDL Automation Co., Ltd. or its appointed service agencies. The electric construction shall comply with local laws and safety regulations.
- The device should be wall box mounted. HDL will not be responsible for any consequence caused by the inexperienced or faulty installation and wiring methods, which are not in accordance with the instructions contained in this operating instruction.
- Please do not privately disassemble or replace any parts of the product. Otherwise, it may cause mechanical fault, electric shock, fire or personal injuries.
- Please contact our after-sales departments or our designated service agencies for your maintenance service. Product failures caused by private disassembly are not subject to this warranty.



2



1

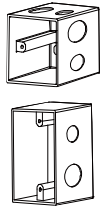


Figure 5 - 7. Installation

Figure 7. KNX Modern Series Panel    Figure 6. Power interface    Figure 5. Wall box

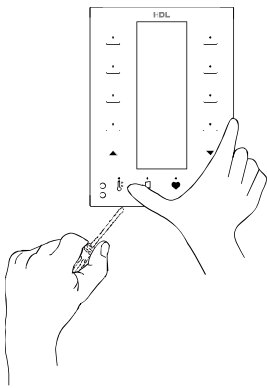


Figure 8. Disassembly

## Technical Data

### Basic Parameters

Working voltage	21~30V DC
Working current	20mA/30V DC
Communication	KNX
Cable diameter of KNX terminal	0.6-0.8mm

### External Environment

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

### Specifications

LCD screen resolution	240x80
Dimensions	116.5×86×10.5(mm)
Net weight	130g
Housing material	Glass, PC, ABS, Aluminum
Installation	Wall box (See Figure 5 - 7)
Protection rating (Compliant with EN 60529)	IP20

### Approved

CE, RoHS

KNX

### KNX Cable Guide

KNX	KNX Cable
+	Red
-	Black

### Installation

#### Product installation and disassembly

##### Installation - See Figure 5 - 7

Step 1. Install the wall box in the wall.

Step 2. Fix the power interface onto the wall box with screws.

Step 3. Hold the edge of panel, and insert the panel in the slots of power interface vertically.

##### Disassembly - See Figure 8

Step 1. Insert the panel gap with a slotted screwdriver.

Step 2. Hold the panel, pry up the panel gently and take down the panel.

### Package Contents

M/MPT14.1\*1 / Datasheet\*1

#### Technical support

E-mail: [hdtickets@hdautomation.com](mailto:hdtickets@hdautomation.com)

Website: <https://www.hdautomation.com>

©Copyright by HDL Automation Co., Ltd. All rights reserved.  
Specifications subject to change without notice.