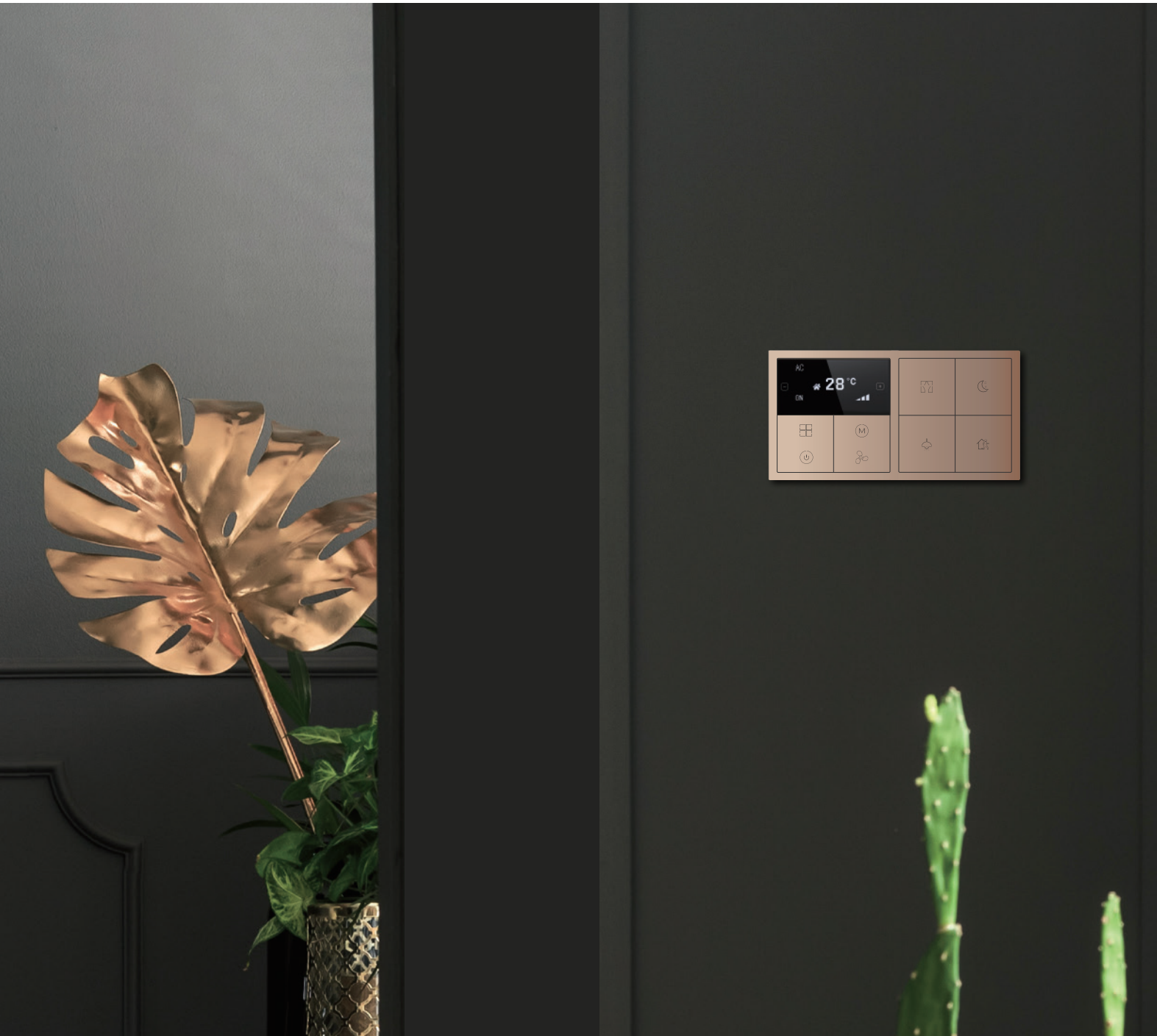


# Tile Series Control Panels



HDL®

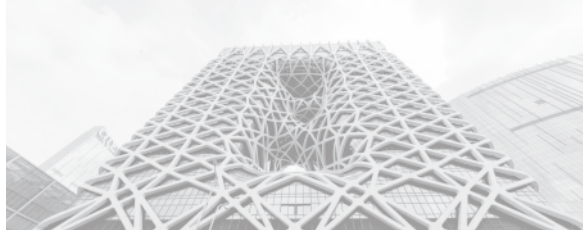


# Contents

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01-02

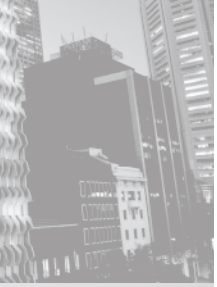
**Tile Series  
Control Panels** , 02  
03-54

**HDL Panels** , 03  
55-60



# HDL®





## Who we are

HDL is a manufacturer of comprehensive automation systems and provider of integrated solutions for homes, commercial buildings and hotels. Its business has been presented over 100 countries and regions. It offers products of proprietary technologies as well as open standards like KNX.

Tens of thousands of projects have adopted HDL products and solutions, such as Dubai International Airport, the office building of the Australian Institute of Architects 41X, Macau Morpheus Hotel, the Banc Apartment Building in Australia, Beijing MOMA multi-dwelling apartment buildings, etc.

# Tile Series Control Panels

“

Help you control everything you need also serve as ornaments that add credits to the aesthetics of the interior decoration of a building.

”



## Control everything you need

Tile is a series of intelligent control panels that has push-button keypads, OLED multifunctional panels, socket panels with USB ports and emergency button panel.

Its rectangular or square buttons are just like little tiles paved on the surface. It is able to keep the walls in a consistent and beautiful look while meeting various requirements of functionality.



- OLED multi-functional panels
- Push-button keypads
- Emergency button panels
- Socket panels with USB





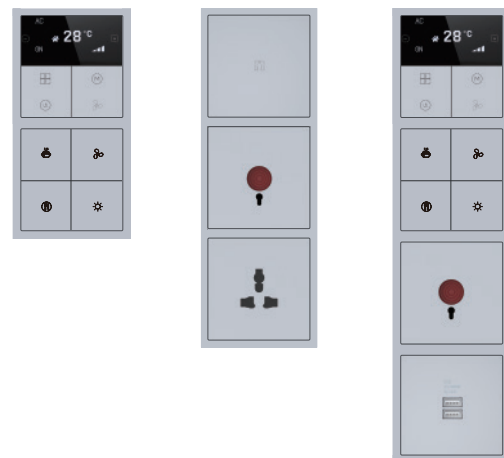
## Flexible combinations for functionality

The basic unit of Tile is a keypad or socket panel in EU standard. You can use just one unit if it meets your requirement, or combine multiple units to serve more functionality in a specific area.

### Horizontal



### Vertical (Metal Version Only)



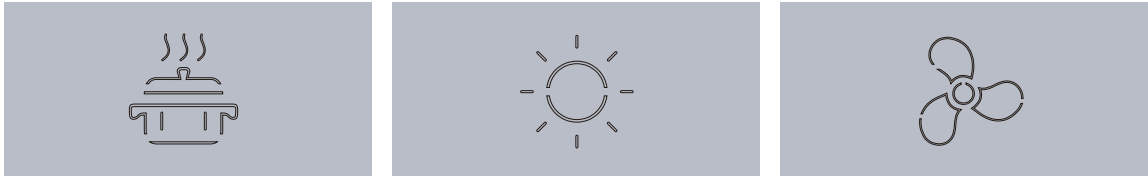


For example, a four-button keypad and an OLED panel can be framed together to make a two-fold panel installed in the living room.

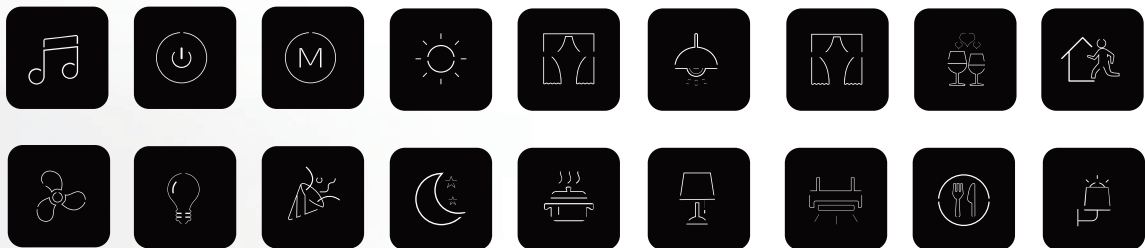




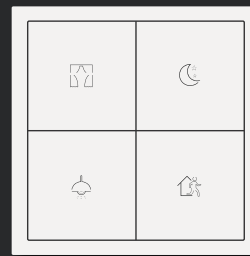
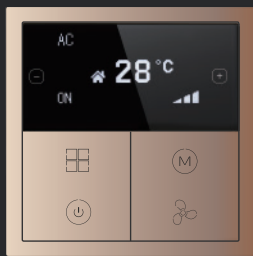
- Delicate and beautiful
- Exquisite engraving icons
- Customizable button icons
- Adjustable RGB icon backlight



In such a panel, the four-button keypad controls the on/off of devices while the OLED panel can work as a thermostat or music controller.

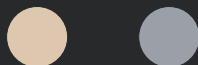


# Premium quality with two materials



## Metal

- The refined sandblasting finishes
- Champagne Gold    • Space Gray



## Plastic

- The skin-like touch feeling
- Ivory White    • Ash Gray





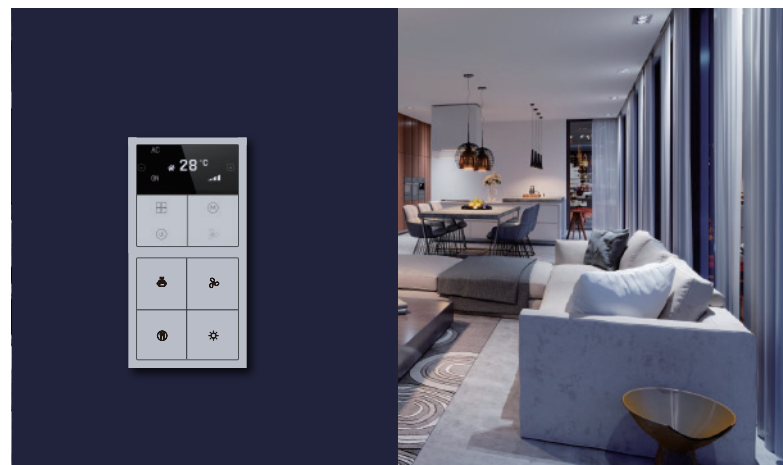
---

Tile series comes with two versions of different materials: metal and plastic. Each one is able to give you a sense of premium quality, either with the refined sandblasting finishes on the metal one or the skin-like touch feeling on the plastic one.



## Keep the walls in a consistent and beautiful look

Not only carry smart control panel, Tile series has developed a series of non-smart panels, which includes emergency panel, switch panels, sockets and information panels. With these panels, you can keep the consistent style for areas that are not covered by smart systems.



# Features and specifications

- Supports various types of control targets
- Users are allowed to set the colors of icon backlight

- Customizable button icons
- Supports online upgrade

- Available in two materials and four colors

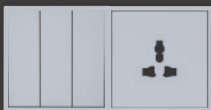


- Available for:

buspro



Only some of the models in plastic runs on Zigbee.

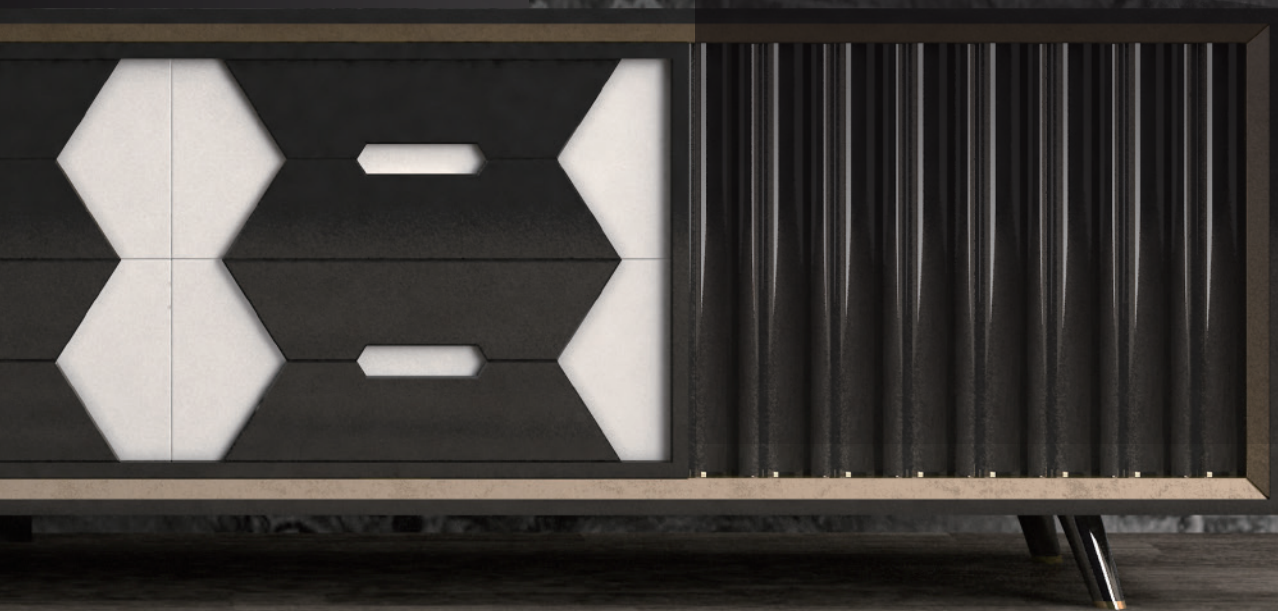


## Combinations of non-smart panels





Tile Series non-smart panels can be combined together to meet more functionality. For example, a combination panel consists of dual USB socket, cable TV socket, EU socket and telephone socket in a hotel room or living room.



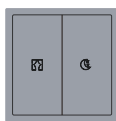
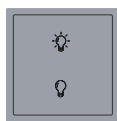


# Tile Series Control Panels

- Push-button panels
- OLED multi-functional panel
- Emergency button panel
- Rocker On/Off switch &  
Dry contact push-button switch
- Information panels
- Socket panels
- Power interface
- Installation steps

# Tile Series Push-Button Panels

(Metal)



MP1B/TILE.48

MP1B/TILE.48

MP1B/TILE.48

MP1B/TILE.48

MP1B/TILE.48

## Technical specs

Rated voltage: 12~30V DC

Rated current: MP1B/TILE.48: 9.5mA/24V DC  
 MP2S/TILE.48: 13.4mA/24V DC  
 MP2B/TILE.48: 13.4mA/24V DC  
 MP4S/TILE.48: 13.5mA/24V DC  
 MP4B/TILE.48: 13.5mA/24V DC

Dimensions: 90×90×11(mm)

Available for:

buspro 



Champagne Gold



Space Gray

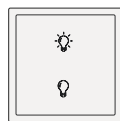


# Tile Series Push-Button Panels

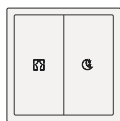
(Plastic)



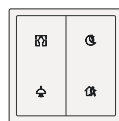
MP1B/TILE.48



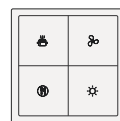
MP1B/TILE.48



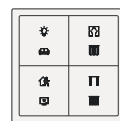
MP1B/TILE.48



MP1B/TILE.48



MP1B/TILE.48



MP4B-A/TILE.48





Ivory White



Ash Gray

## Technical specs

<b>Rated voltage:</b>	12~30V DC
<b>Rated current:</b>	MP1B/TILE.48: 9.5mA/24V DC MP2S/TILE.48: 13.4mA/24V DC MP2B/TILE.48: 13.4mA/24V DC MP4S/TILE.48: 13.5mA/24V DC MP4B/TILE.48: 13.5mA/24V DC MP4B-A/TILE.48: 13.5mA/24V DC
<b>Dimensions:</b>	86×86×11(mm)

Available for:

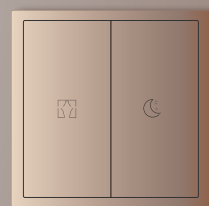


**Noted:** 4 Buttons Panel B is not available for KNX.

## Use Case



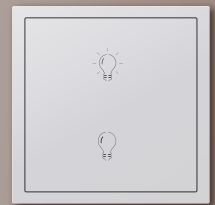








## Use Case



# Tile Series OLED Multi-functional Panel

(Metal)

---



MPL6B/TILE.48

---



Space Gray

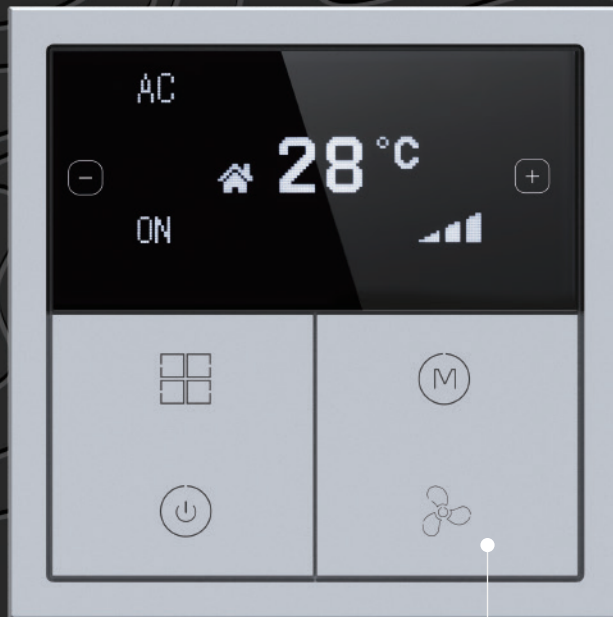


Champagne Gold

## Technical specs

**Rated voltage:** 12~30V DC  
**Rated current:** 16mA/24V DC  
**Dimensions:** 90×90×11(mm)

Available for: **buspro** **KNX®**



## Functions

**OLED display:** Displays information such as icons and status.

### **Button**

Select previous target, decrease temperature, set standby time and choose device ID.

### **Button**

Select next target, increase temperature, set standby time and choose device ID.

### **Pages**

Used to confirm information and switch pages between air conditioning, floor heating and ventilation.

### **Modes**

Used to return to the previous page and switch modes of air conditioning and floor heating.

### **ON/OFF**

Switch on/off of air conditioning, floor heating and ventilation system.

### **Fan**

Used to switch fan speed of air conditioning and ventilation system.

# Tile Series OLED Multi-functional Panel

(Plastic)

---



MPL6B/TILE.48

---



Ivory White



Ash Gray

## Technical specs

**Rated voltage:** 12~30V DC

**Rated current:** 16mA/24V DC

**Dimensions:** 86×86×11(mm)

Available for:

buspro





## Functions

**OLED display:** Displays information such as icons and status.

### Button

Select previous target, decrease temperature, set standby time and choose device ID.

### Button

Select next target, increase temperature, set standby time and choose device ID.

### Pages

Used to confirm information and switch pages between air conditioning, floor heating and ventilation.

### Modes

Used to return to the previous page and switch modes of air conditioning and floor heating.

### ON/OFF

Switch on/off of air conditioning, floor heating and ventilation system.

### Fan

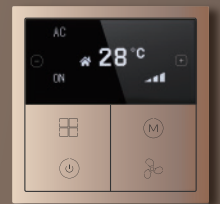
Used to switch fan speed of air conditioning and ventilation system.

## Use Case

- Study







## Use Case

- Living room
- Bedroom





# Tile Series Emergency Panel

## (Plastic)

Tile emergency panel can be used in homes, schools, hospitals, nursing homes, shopping malls, parks, etc. In the case of emergency, press the button to show warnings or to call for help.

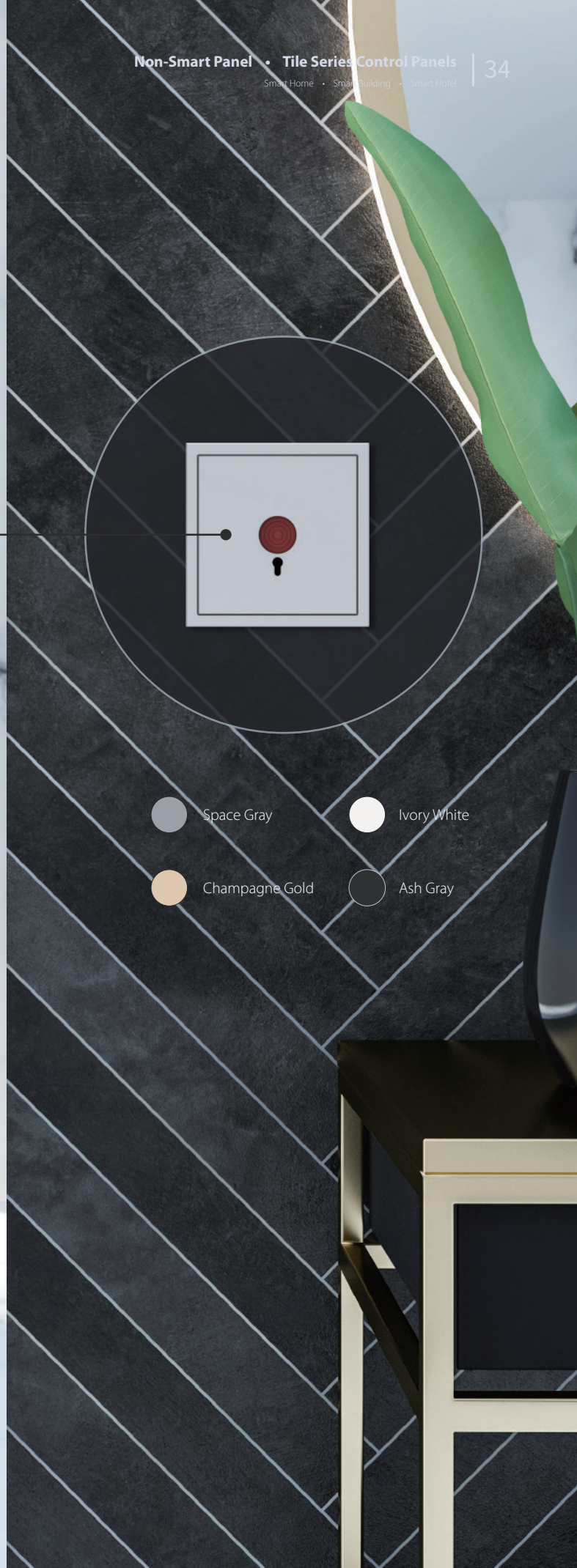


MP1-E-A/TILE.48

---

## Technical specs

<b>Rated voltage:</b>	AC 250V~, 50/60Hz
<b>Rated current:</b>	3A
<b>Dimensions:</b>	86×86×32.5(mm) (With plastic frame) 90×90×32.5(mm) (With metal frame)



- Space Gray
- Ivory White
- Champagne Gold
- Ash Gray

## Use Case

- Bedroom
- Public Areas







## Tile Rocker On/Off Switch & Dry Contact Push-Button Switch

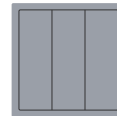
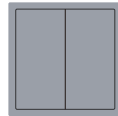
(Plastic)

Tile/Single (Duplex/Triple) Rocker On/Off Switch can be used to switch on/off the device. Two or more switches can control one same device even when installed in different positions.

Tile/Single (Duplex/Triple) Dry Contact Push Button Switch can be used as entry access switch, and is applicable for office, shopping mall, etc.







<b>Rocker On/Off Switch:</b>	MP1-S-SR/TILE.48	MP2-S-DR/TILE.48	MP3-S-TR/TILE.48
<b>Dry Contact Push Switch:</b>	MP1-P-SD/TILE.48	MP2-P-DD/TILE.48	MP3-P-TD/TILE.48

### Technical specs

<b>Rated voltage:</b>	AC 250V~, 50/60Hz
<b>Rated current:</b>	16A
<b>Dimensions:</b>	86x86x33(mm) (With plastic frame) 90x90x33(mm) (With metal frame)

### Color

	
Ash Gray	Champagne Gold
	
Ivory White	Space Gray

## Use Case

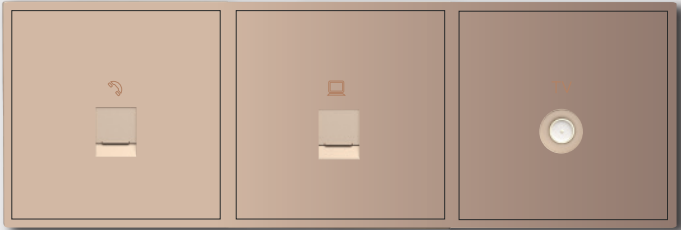
- Study
- Corridor





# Tile Information Panels

(Plastic)



## 1 Port Coax Cable TV Wall Plate



MP1-W-BBTV/TILE.48

---

### Functions:

TV signal transmission

### Dimensions:

86×86×31(mm) (With plastic frame)

90×90×31(mm) (With metal frame)

## 1 Port Cable TV Wall Plate



MP1-W-CATV/TILE.48

---

### Functions:

Cable TV signal transmission

### Dimensions:

86×86×35(mm) (With plastic frame)

90×90×35(mm) (With metal frame)

## 1 Port Telephone Wall Jack



MP1-W-TEL/TILE.48

---

### Functions:

Connected with telephone for communication

### Dimensions:

86×86×35(mm) (With plastic frame)

90×90×35(mm) (With metal frame)

## 1 Port Ethernet Wall Plate



MP1-W-ETH/TILE.48

---

### Functions:

Enables the device to be connected to network

### Dimensions:

86×86×35(mm) (With plastic frame)

90×90×35(mm) (With metal frame)





Ash Gray



Ivory White



Champagne Gold



Space Gray



# Tile Socket Panels

(Plastic)

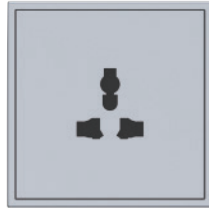
- Ash Gray
- Champagne Gold
- Ivory White
- Space Gray





## Universal Socket

MP1-S-M-EU/TILE.48



### Functions:

Provides the voltage of AC 250V~ for high-voltage device

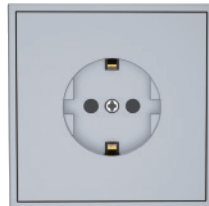
### Dimensions:

86×86×35(mm) (With plastic frame)

90×90×35(mm) (With metal frame)

## EU Panel

MP1-S-EU\_TILE.48



### Functions:

Provides AC 250V~ voltage for high-voltage device

### Dimensions:

86×86×43(mm) (With plastic frame)

90×90×43(mm) (With metal frame)

## Dual USB Charger Wall Outlet

MP2-W-USB/TILE.48



### Functions:

Dual ports for simultaneous charging two USB devices

### Dimensions:

86×86×38(mm) (With plastic frame)

90×90×38(mm) (With metal frame)

## Use Case

- Living room
- Bathroom





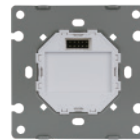
## Tile Series

# Power Interface

Tile Series Power Interface works in conjunction with Buspro Tile Series panels and provides working voltage and communication signals to the panel.



Back View



Front View

MPPI / TILE.48

### Technical specs

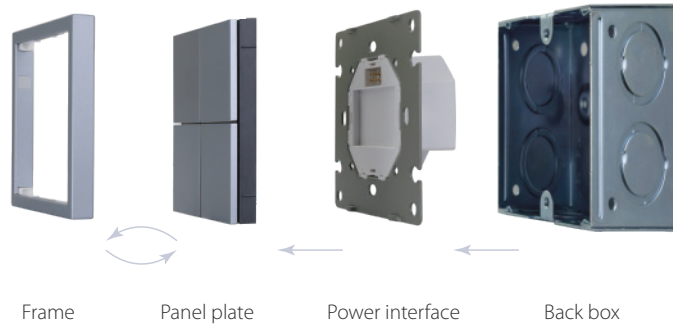
**Rated voltage:** 12~30V DC

**Dimensions:** 81.4×81.4×27(mm)

Available for: buspro 

# Installation Steps

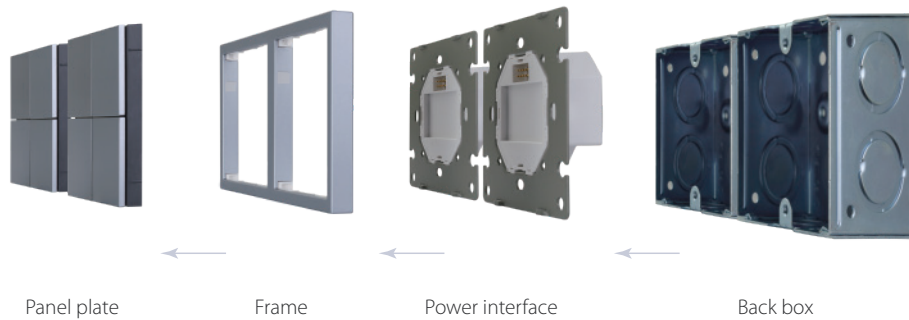
## Single panel



Step 1 : Install the back box  
 Step 2 : Install the power interface

Step 3 : Screw the power interface  
 Step 4 : Put the frame on and then fix the front plate

## Combination panel



Step 1 : Install the back box and keep 86mm between centers of two boxes.  
 Step 2 : Install the power interface

Step 3 : Install the panel frame and make it fit with power interface  
 Step 4 : Screw the power interface  
 Step 5 : Fix the front plate

# Tile Series

## Control Panels

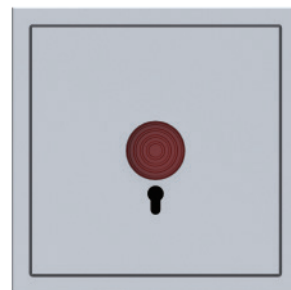
### Tile Series OLED Panel

HDL-MPL6B/TILE.48



### Tile Series Emergency Panel

HDL-MP1-E-A/TILE.48



Tile /1 Button Panel A

HDL-MP1B/TILE.48



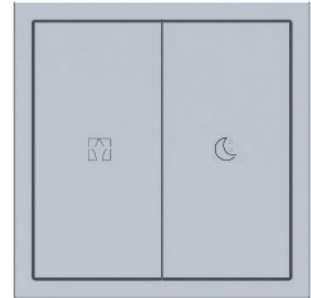
Tile /1 Button Panel B

HDL-MP2S/TILE.48



Tile /2 Button Panel A

HDL-MP2B/TILE.48



Tile /2 Button Panel B

HDL-MP4S/TILE.48



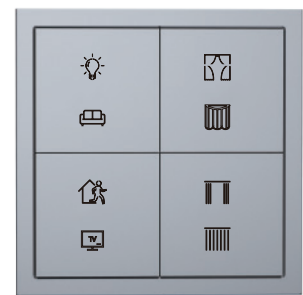
Tile /4 Button Panel A

HDL-MP4B/TILE.48



Tile /4 Button Panel B

HDL-MP4B-A/TILE.48





Tile /Single Rocker  
On/Off Switch

HDL-MP1-S-SR/TILE.48



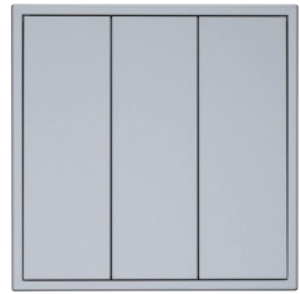
Tile /Duplex Rocker  
On/Off Switch

HDL-MP2-S-DR/TILE.48



Tile /Triple Rocker  
On/Off Switch

HDL-MP3-S-TR/TILE.48



Tile /Single Dry Contact  
Push Switch

HDL-MP1-P-SD/TILE.48



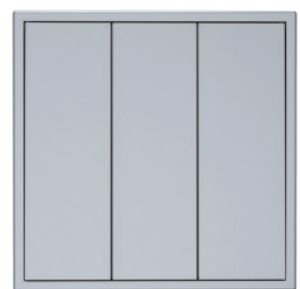
Tile /Duplex Dry Contact  
Push Switch

HDL-MP2-P-DD/TILE.48



Tile /Triple Dry Contact  
Push Switch

HDL-MP3-P-TD/TILE.48







Tile/1 Port Coax Cable  
TV Wall Plate (BBTV)

Tile/1 Port Cable TV  
Wall Plate (CATV)

Tile/1 Port Telephone  
Wall Jack

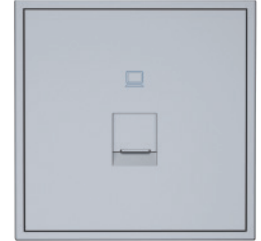
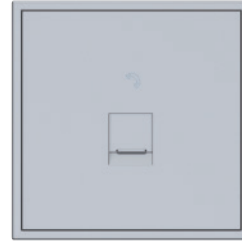
Tile/1 Port Ethernet  
Wall Plate

HDL-MP1-W-BBTV/TILE.48

HDL-MP1-W-CATV/TILE.48

HDL-MP1-W-TEL/TILE.48

HDL-MP1-W-ETH/TILE.48



Tile /Single Rocker

Tile/EU Panel

Tile/Universal Socket

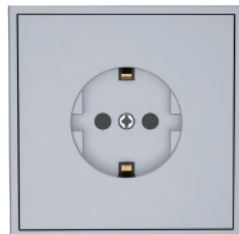
Tile/Power Interface

HDL-MP2-W-USB/TILE.48

HDL-MP1-S-EU\_TILE.48

HDL-MP1-S-M-EU/TILE.48

MPPI / TILE.48





# HDL Panels



HDL provides the market with various options of intelligent control panels, which can be used in homes, commercial buildings and hotels, as well as other buildings.

We believe, control panels are meant to be attractive while offering superb user experience.

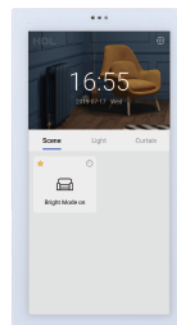
## S10

HDL-MTS10B.2WI



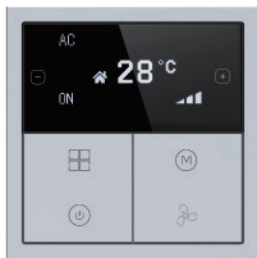
## S57

HDL-MTS57.1WI



### Tile Series OLED Panel

HDL-MPL6B/TILE.48



### Granite Display

HDL-MPTL4C.48



### Granite Button Panel

HDL-MP4C.48

- EU standard - US standard



### Enviro Touch Screen

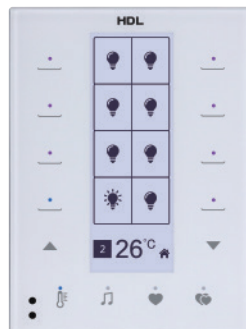
HDL-MPTLC43.46-A



### DLP Touch Panel

HDL-MPTL14.46-A

- US standard



### Prism Pro Panel

HDL-MPTFL11.46

- US standard

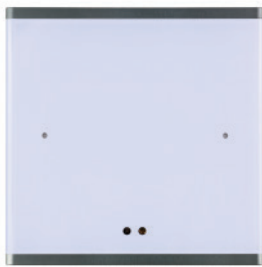




### Prism Lite Panel

HDL-MPTF02.48

- EU standard - US standard



Available With

- 2 Buttons
- 4 Buttons
- 6 Buttons

### iTouch Buttons Panel

HDL-MPT4.48-A

- EU standard - US standard



Available With

- 2 Buttons
- 4 Buttons
- 6 Buttons(Only US)

### LCD Touch Thermostat

HDL-MPTAC01.48-A

- EU standard



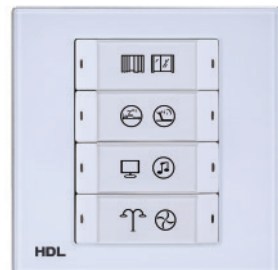
Available With

- 2 Buttons
- 4 Buttons
- 6 Buttons
- 8 Buttons

### iFlex Buttons Panel

HDL-MP8B.48-A

- EU standard - US standard





### DLP Smart Panel

HDL-MPL8.48-A

- EU standard - US standard



### RF Intelligent Door Bell and Access Reader

HDL-MPTB01RF.48



### RF Card Reader & Master Control

HDL-MPTC03.48



### iElegance Buttons Panel

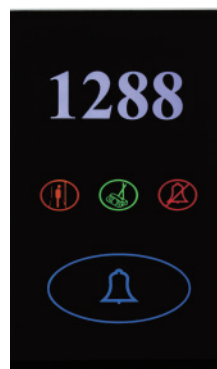
HDL-MPH104.48



- ◀ Available With
- 1 Button
  - 2 Buttons
  - 4 Buttons

### RF Intelligent Hotel Door Bell

HDL-MHB.1010



### RF Intelligent Door Bell and Access Reader

HDL-MHBRF.1010



# HDL<sup>®</sup>

