DSP6471

Touch Control Panel

Description

This product is a touch control panel for the multimedia teaching central control system. It is a passive device, powered by the system host. It can be used to enable the on/off of the central control system, projector and computer, raise and lower the electric projection screen, switch the audio and video sources, etc.
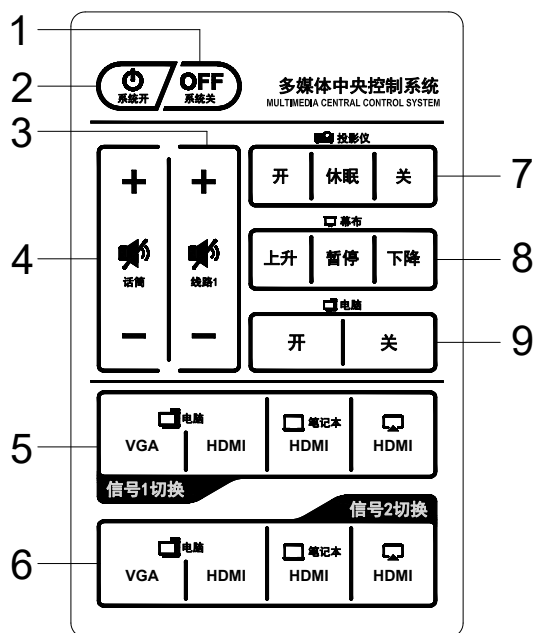
Features

- With a RJ45 network interface, it can be connected "hand in hand" with the interface panel.
- With RS485 serial communication for seamless connection to the host and interface panel.
- The touch control panel is a passive device, powered by the system host with a supply voltage of DC+12V.
- Enable the on and off of the central control system; control the on and off of the projector and computer; raise and lower the electric screen; control the volume of the microphone output and line 1 output; and allow synchronous switching of 4×2 audio and video sources of HDMI and VGA.
- Capacitive touch control.
- The panel touch can be set to be in a locked or unlocked state via the software.

Specifications

Model	DSP6471
Board Power Consumption	≤1W
Power Supply	Powered by the host with DC12V.
Package Dimensions (L×W×H mm)	292×224×75mm
Machine Dimensions (L×W×H mm)	173×110×18mm
Cut-Out Size	155×96mm
Gross Weight	1kg
Net Weight	0.32kg

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Front Panel

Front Panel

1． System Off Control Button

Press and hold the "System Off" button for 3 seconds to switch off the control panel and the WEB, Android and PC sides simultaneously, with a red light on the backlight.

2． System On Control Button

Press and hold the "System On" button for 3 seconds to switch off the control panel and the WEB, Android and PC sides simultaneously, with a red light on the backlight.

3． Line Volume Control Button

- Control the audio output of the host line 1 and the volume level and mute of the amplifier module.
- Click on the small speaker symbol to enter the mute state and click again to restore the original volume level.
- Click on the volume "+" symbol to increase the volume value from 0-31 in sequence.
- Click on the volume "-" symbol to decrease the volume value from 31-0 in sequence.

4． Microphone Volume Control Button

- Control the volume level and mute of the host MIC IN and 2-channel U-band received signal inputs.
- Click on the small speaker symbol to enter the mute state and click again to restore the original volume level.
- Click on the volume "+" symbol to increase the volume value from 0-31 in sequence.
- Click on the volume "-" symbol to decrease the volume value from 31-0 in sequence.

5． PC VGA / PC HDMI / Laptop HDMI / HDMI Audio and Video Output Signal 1 Switch

6． PC VGA / PC HDMI / Laptop HDMI / HDMI Audio and Video Output Signal 2 Switch

7． Projector Control Button

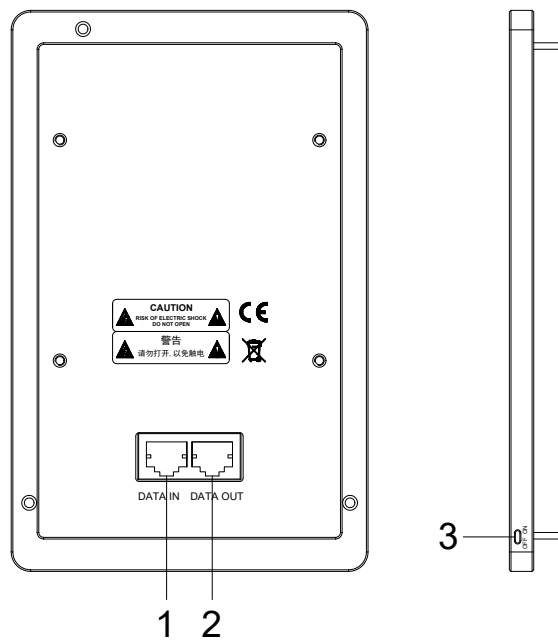Control the on/off and sleep state of the projector.

8． Electric Screen Control Button

Control the up, down and pause of the electric screen.

9． PC Control Button

Enable the on/off of the PC through the 3rd short circuit trigger control of the host relay.

Rear Panel

1．Remote Control Input Interface

Connect the "Touch Panel Port" of the system control host or the "DATA OUT" port of the interface panel.

2．Remote Control Output Interface

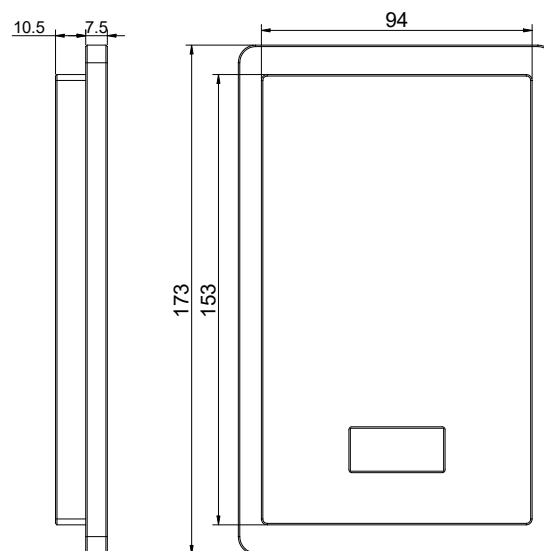Connect the remote control input interface of the interface panel

3．Power Switch

- Switch to the ON position: The device is switched on.
- Switch to the OFF position: The device is switched off.

Mounting Dimension Drawing

The device can be embedded in a table. Please refer to the drawing below for the cut-out size.

Mounting Dimension Drawing