

# Grandview®

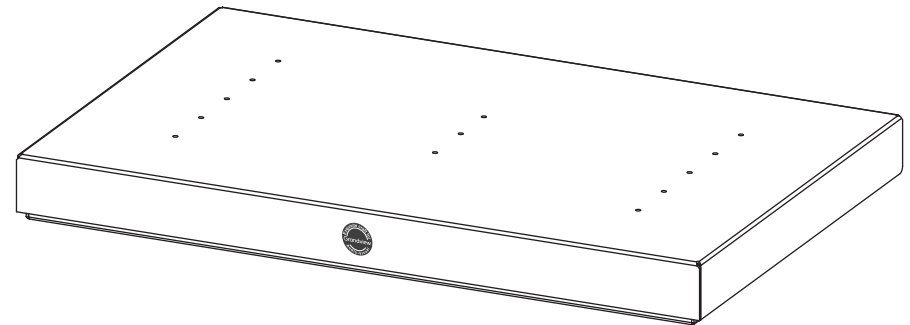
## Laser Projector Intelligent Mobile Platform User Manual

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Model: GMPU-T5

# Grandview®



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Grandview®

Thank you for purchasing this product. Please read the manual carefully  
before use and keep it for future reference.

## Precautions

- Ensure the L-shaped mounting plate of the laser projector intelligent mobile platform is firmly fixed before use.
- Organize the cables properly to avoid them getting caught during the platform's movement.
- Do not look directly into the projector lens when the projector is turned on, as it may cause eye damage from the strong light.
- If there is a sudden power outage during use, you must reset the laser projector intelligent mobile platform once before using it again, otherwise it cannot be accurately positioned. To reset, press and hold the "in" and "out" buttons on the remote control until the device starts moving.

Note: Users should not disassemble or replace any components arbitrarily.

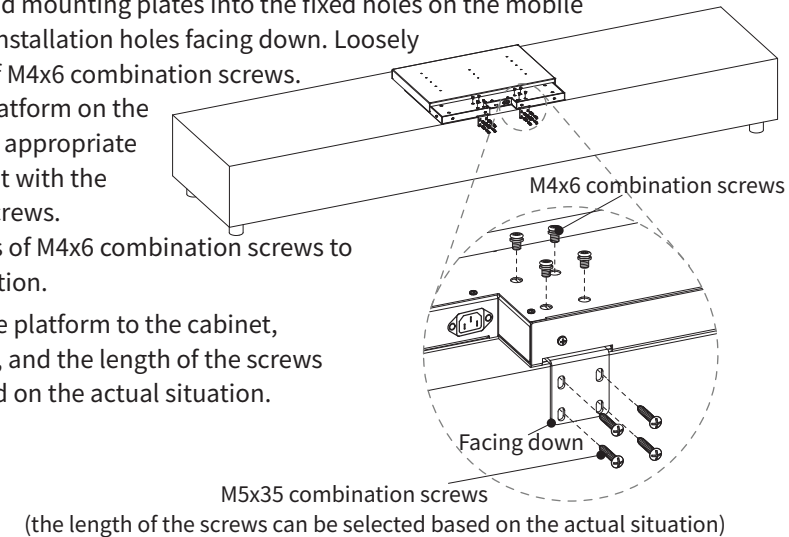
If there is a malfunction, please contact the after-sales service department for repair. The functional structure may be changed without further notice.

## L-shaped Mounting Plate Installation

### Method 2:

1. Power on the device and extend the mobile platform until the installation holes are exposed.
2. Insert the 2 L-shaped mounting plates into the fixed holes on the mobile platform, with the 4 installation holes facing down. Loosely secure the 8 pieces of M4x6 combination screws.
3. Place the mobile platform on the cabinet, adjust to the appropriate position, and secure it with the M5x35 self-tapping screws.
4. Tighten the 8 pieces of M4x6 combination screws to complete the installation.

Note: For securing the platform to the cabinet, 8 screws can be used, and the length of the screws can be selected based on the actual situation.



## Limit Setting

Method 2 for setting electronic limit of laser projector intelligent mobile platform:

Cycle button positioning method:

1. Electronic lower limit: Press and hold the cycle button for 5 seconds, the buzzer will sound "beep" once and then "beep" once again to enter the lower limit setting state, run to the appropriate position and press and hold the cycle button for 3 seconds, the buzzer will sound "beep, beep" twice, and the electronic lower limit setting is completed.
2. Electronic upper limit: Press and hold the cycle button for 3 seconds, the buzzer will sound "beep" once to enter the upper limit setting state, run to the appropriate position and press and hold the cycle button for 3 seconds, the buzzer will sound "beep, beep" twice, and the electronic upper limit setting is completed.
3. Reset: Press and hold the cycle button for 8 seconds, the buzzer will sound "beep, beep, beep" 3 times, and the mobile platform reset is completed.

## L-shaped Mounting Plate Installation

Method 1:

1. Power on the device and extend the mobile platform until the installation holes are exposed.

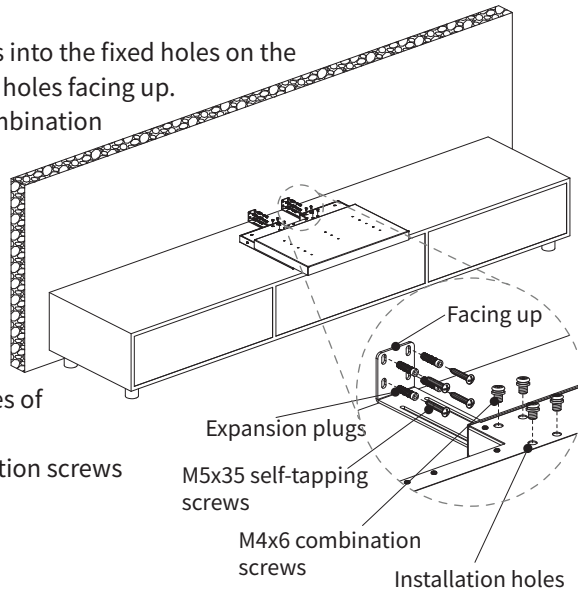
2. Insert the 2 L-shaped mounting plates into the fixed holes on the mobile platform, with the 4 installation holes facing up.

Loosely secure the 8 pieces of M4x6 combination screws.

3. Place the mobile platform on the cabinet and mark the 8 installation hole positions on the wall near the L-shaped mounting plates.

4. Remove the mobile platform, drill the installation holes, insert the expansion plugs, and secure the 8 pieces of M5x35 self-tapping screws.

5. Tighten the 8 pieces of M4x6 combination screws to complete the installation.



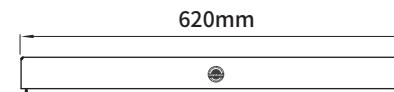
## Product Introduction

The laser projector intelligent mobile platform is designed for home entertainment, providing a new and smart experience for watching movies and videos. When you turn on the projector, the intelligent mobile platform will automatically turn on and follow the projector. The GMPU series laser projector intelligent mobile platform is driven by a motor-driven rack and has dual sliding rails for parallel motion. It can be precisely positioned through an optical coupler counter.

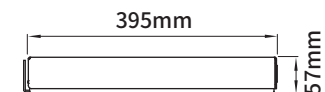
## Features

1. GMPU-T5 is easy to use, plug and play.
2. The product is designed to be compact and can be placed flexibly.
3. The device has two sets of mechanical limit switches and electronic limit switches.
4. The device is equipped with 868 MHz remote control function and DC 5-12V trigger.

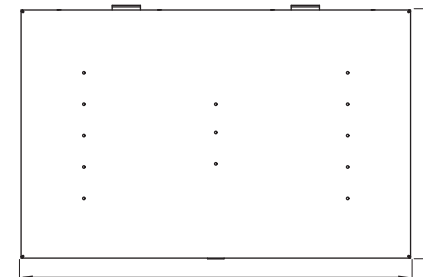
## Specifications



Front View



Side View



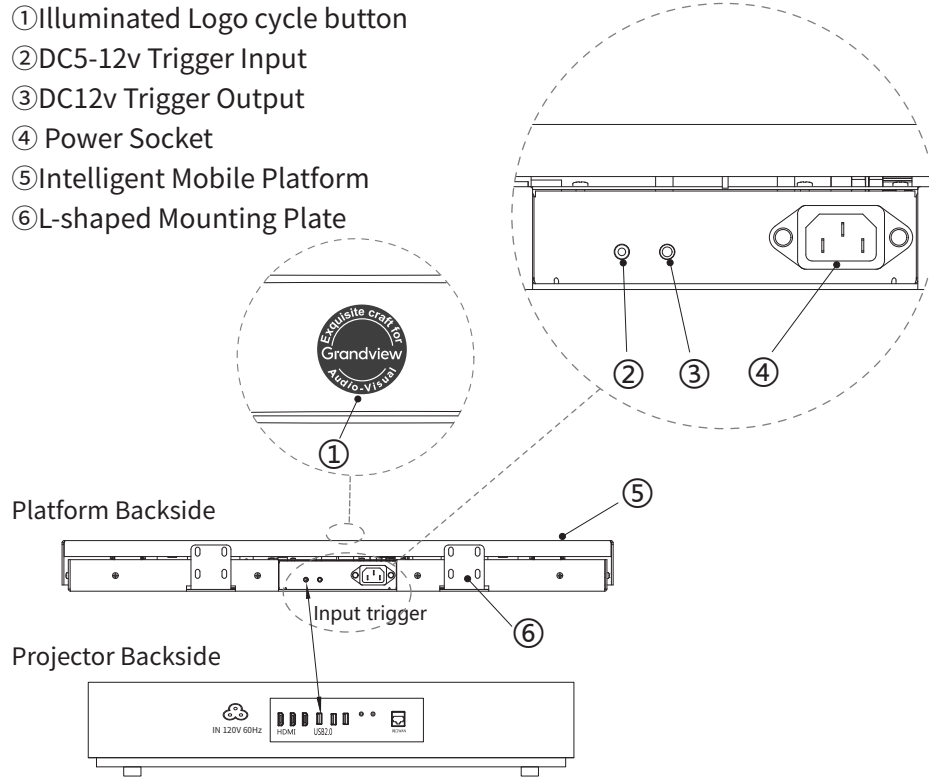
Top View

Product Name: Laser Projector Intelligent Mobile Platform  
Model: GMPU-T5  
Product Dimensions: 620x395x57mm  
Maximum stroke: 290mm  
Maximum Load: 20KG  
Input Voltage: AC 220v~240v/50Hz  
Rated Power: 20W  
Control Method: Wireless Remote, infrared remote control, cycle button, DC 5V-12V Trigger

## Components

GMPU-T5 Laser Projector Intelligent Mobile Platform

- ① Illuminated Logo cycle button
- ② DC5-12v Trigger Input
- ③ DC12v Trigger Output
- ④ Power Socket
- ⑤ Intelligent Mobile Platform
- ⑥ L-shaped Mounting Plate



Use a trigger cable to connect the platform with the projector's USB port to achieve intelligent linkage (when the projector is turned on/off, the platform will be turned on/off synchronously)

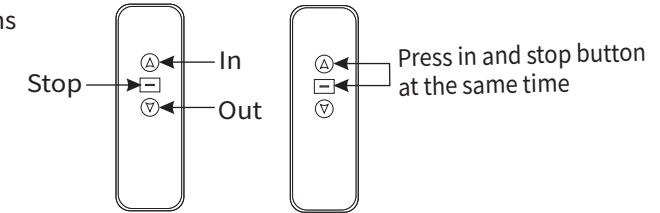
## Accessories

- USB Trigger Cable 1 pc
- Remote Control 1 pc
- M5x35 Self-tapping Screws 8 pcs
- Power Cable 1 pc
- Expansion Plugs 8 pcs
- M4x6 Combination Screws 8 pcs
- Instruction Manual 1 pc
- USB Wireless Trigger (optional) 1 pc

## Remote Control Learning and Functions

Remote Control Button Functions

1. Ⓐ : In
2. Ⓛ : Stop
3. Ⓡ : Out



4. Reset: Press and hold the "In" and "Out" buttons on the remote control until the buzzer sounds. During power-on learning, press and hold the buttons simultaneously.

Remote Control Learning:

Within 10 seconds of powering on the mobile platform, press and hold the "In" and "Stop" buttons on the remote control for 2-3 seconds. The intelligent mobile platform will move forward and backward, indicating that the remote control has been successfully paired.

Note: The remote control is pre-paired at the factory, so no need to re-learn.

## Limit Setting

Method 1 for setting electronic limit of laser projector intelligent mobile platform:

1. Electronic Lower Limit: Press the limit switch on the back of the remote control with a needle, the indicator light will turn on. Press the "Out" button on the remote control, the intelligent mobile platform will move outward. When it reaches the desired position, press the "Stop" button on the remote control, then press the limit switch on the back of the remote control with a needle again. The indicator light will turn off, and the intelligent mobile platform will move forward and backward once, indicating that the lower limit has been set successfully.

2. Electronic Upper Limit: Press the limit switch on the back of the remote control with a needle, the indicator light will turn on. Press the "In" button on the remote control, the intelligent mobile platform will retract inward. When it reaches the desired position, press the "Stop" button on the remote control, then press the limit switch on the back of the remote control with a needle again. The indicator light will turn off, and the intelligent mobile platform will move forward and backward once, indicating that the upper limit has been set successfully.

