



 **Prestel MT-series**

 Retractable Monitor Lift



USER MANUAL

User's Manual of Retractable Monitor Lift

(Prestel MT-xx)

Welcome to use our Boente motorized retractable monitor screen lift, please read the manual seriously before used. Please follow **Simple Repair** steps to solve problem if find any quality issues, or contact with us to get any assistants.

Items List:

- 1, motorized retractable monitor lift 1 pcs
 - 2, Power line 1 pcs
 - 3, Remote control 1 pcs (if required)
- Kindly contact with us if missed above items.

Instructions:

Ultra-light MT-series monitor lift with screen is smart design which made of full aluminum brushed material, included case, monitor shell, top panel are all made of aluminum alloy. Integrated with 15.6inch, 17.3inch, 18.4 inch, 21.5inch, 23.6inch full HD screen and 18.5 inch HD screen. It is advance hidden equipment for lifting monitor up down automatically. Motorized display screen from desktop. Professional retractable monitor could be integrated into video conference system in office, meeting room, training room.

The screen of monitor lift could be electrical retractable rising up and down vertically. Lifting monitor up into desktop and lifting monitor down from desktop automatically. Tilting Angle to present prefect viewing area. Screen monitor could be power on once come out to the desktop from bottom case and could be power off if come into bottom case from desktop automatically

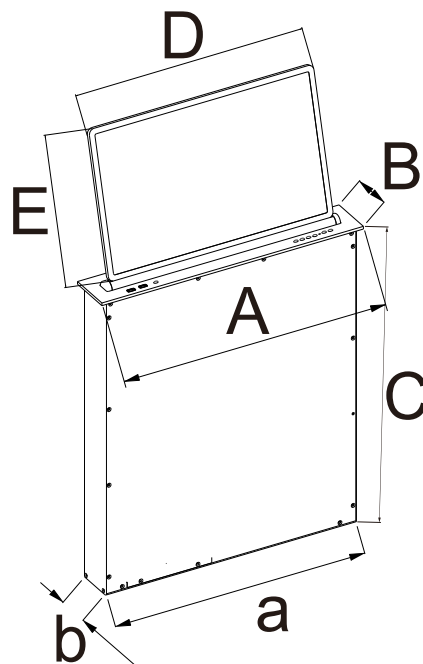
Smart Ultra-thin design, could integrated with Full HD screen, discussion microphone, Full HD touch screen, camera, smart PC and customized made as request.

Independent or central control, automatically ascend & descend by switch or RF remote control.

Function:

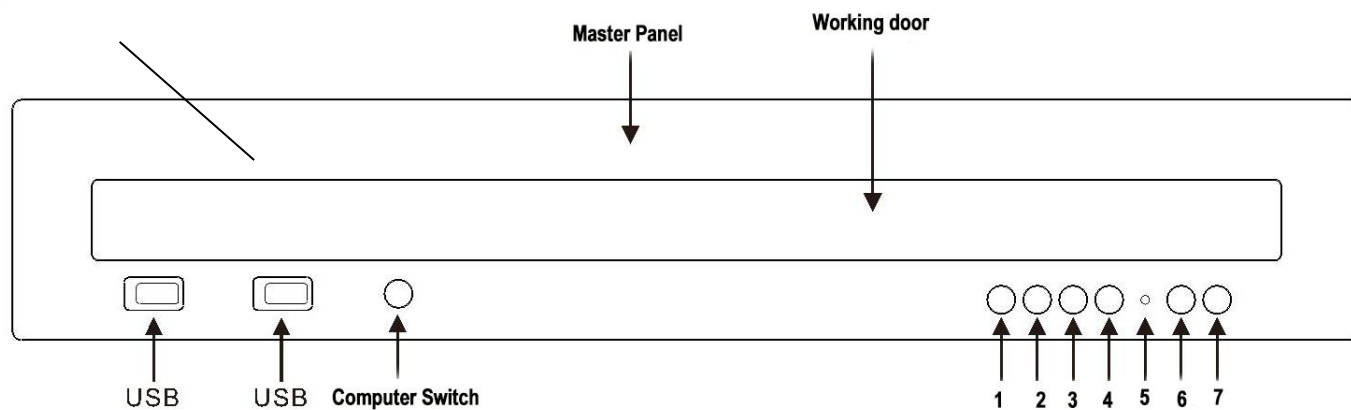
- 1, Ultra-thin design with Full HD screen, integrated with 15.6", 17.3" 18.4" 21.5" 23.6" wide screen.
- 2, Ultra light design, whole product made of aluminum alloy material, Solid mechanized aluminum brushed and anodized finishing.
- 3, 12V step motor with simultaneous drive for multiple movements.
- 4, Electric powered lift system with variable speed, vertically silent operation.
- 5, Automatic opening and closing of decorative panels, adjusted for various angles.
5. Easy operation for any users to control all LCD monitor UP/DOWN together by one remote control.
6. Wireless Network Control: Support RS232, RS485.

Product Dimension:



Model	Size (Inch)	Panel Size (A*B) mm	Case Size (a*b*C) mm	Monitor Size (D*E) mm
MT-15	15.6	450*80*5	432*71*600	377*238
MT-17	17.3	490*80*5	473*71*600	418*259
MT-19	18.4	515*80*5	497*71*620	448*280
MT-22	21.5	600*80*5	582*71*670	528*327
MT-24	23.6	650*80*5	632*71*700	577*355

Panel Button Instruction:

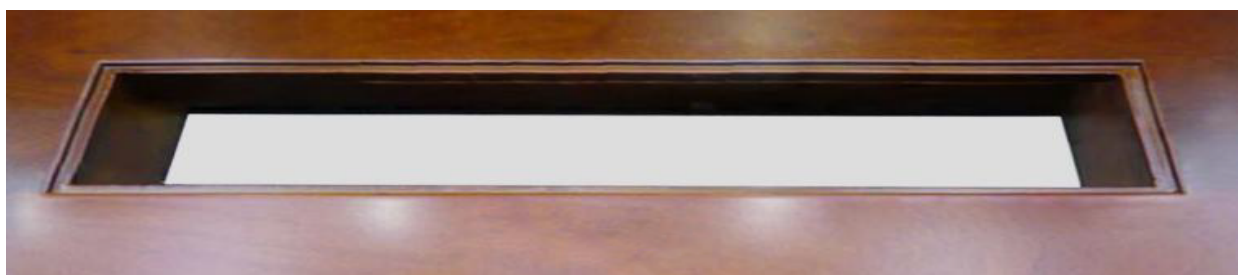


1	Up
2	Down
3	Tilt
4	Back
5	Indicator light
6	Adjust monitor brightness & color
7	Signal switching

Scope of Supply:

External Power Supply Power Cord-1.5m 100-240V, 50/60HZ, 1.5A input 12V,5A output

Installation:

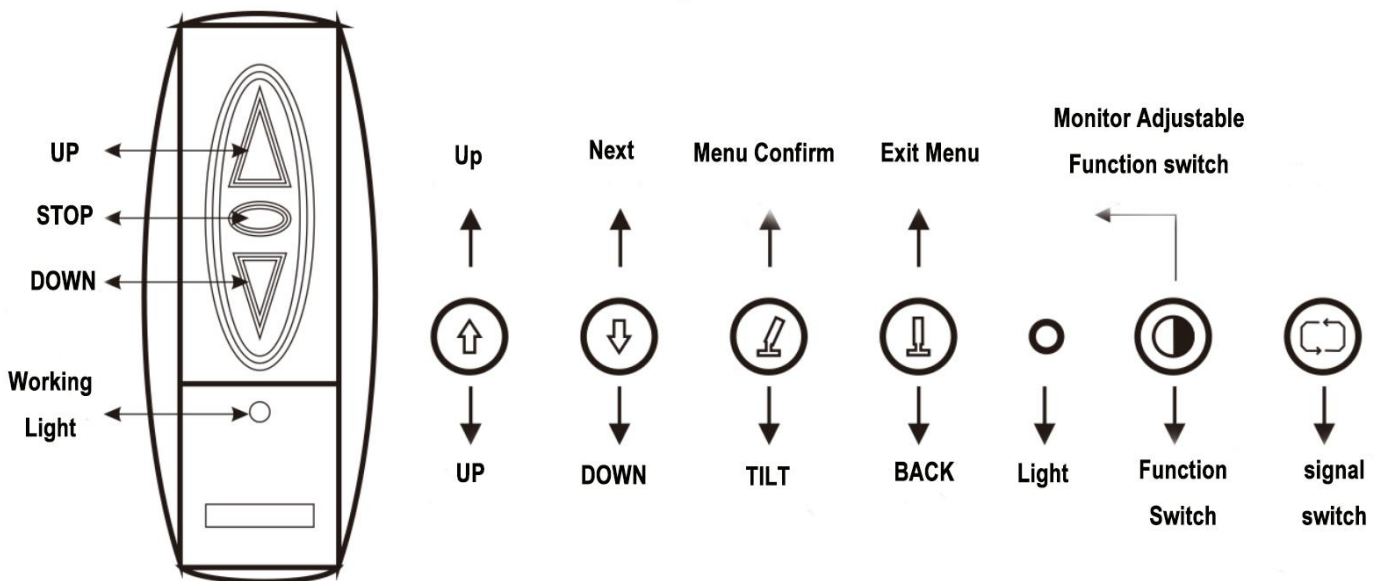
















- 1, Confirm the installation place on the table, make the cut out size based on real product or drawing.
- 2, Take the protection screw away before power on.
- 3, Charge the power to confirm the monitor lift is workable.
- 4, Put the LCD monitor lift into the hole of the table carefully
- 5, Connect all wires which are necessary.
VGA/HDMI for video input, USB for data input or touch screen, RS232 for central control, Colorful cable coil for computer switch extension cable (Red & black for LED, Yellow & green for switch)
- 6, Start monitor cabling for conference system.


Control System :







- 1, Switch button
- 2, RF remote control
- 3, RF remote groups control
- 4, RS232/RS485 central control



A, Switch button

1,   Click button to make product working up /down.   press button to make monitor tilt /back with angle as your finger press or away. When press  the monitor will lifting down, press any of    button, lifting down will stop. When press  the monitor will lifting up, press any of   , the lifting up will stop.



2, When using HDMI and VGA 2 way signal input, will present the first signal input. Click  button to switch signal input.

3, Press  at 5-8 seconds, will listen 2 sounds,     button will become monitor adjustable function button, if not operation after 10 seconds, or press , monitor adjustable function will exist menu.



B, RF remote control

Normally, product supplied with remote control which had set up the signal to control the one lift or all lifts. Please follow up steps to re-set up the signal if remote control isn't work.

Set up signal of remote control

- 1, Power on the monitor lift, press both   button at the same time over 5 seconds,
- 2, Listen 1 sounds, then move away the press. Monitor lift become study status.
- 3, Press the stop button on remote control, will listen 2 sounds, that means set up RF code already.
- 4, Press up/down button on remote control to check if workable or not.
- 5, If there is no signal come from remote, will listen 1 sound, that means monitor had exit the study status.

Cancel signal of remote control

- 1, Power on the monitor lift, press both   button at the same time over 10 seconds,
- 2, Will listen 3 sounds, then move away the press.
- 3, Then signal of remote had been clear.

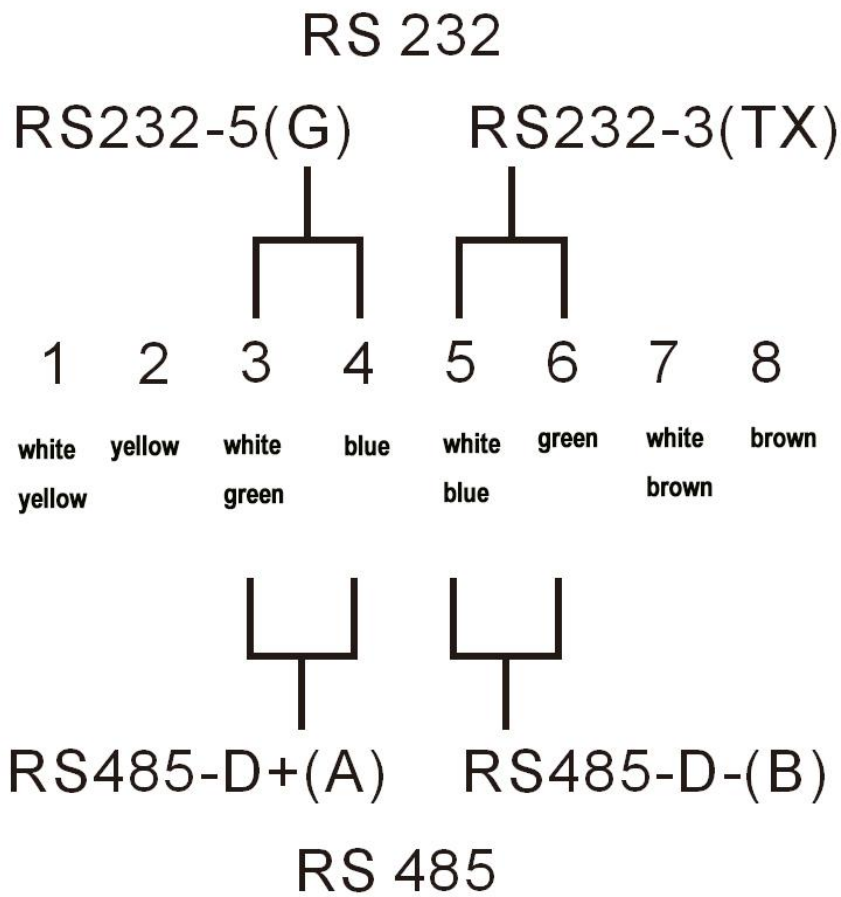
C, RF remote groups control

Using same way to set up signal code of remote control for all monitor lift, using 1 remote to make all monitor working up or down at the same time.

Monitor lift product could save 6 signal from remote control. Means monitor lift could control via 1nd remote or 2nd remote. Working freedom, not affect each others.

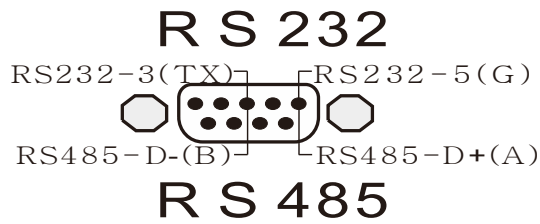
D, RS232 Control

Switch Network to RS232 or RS485



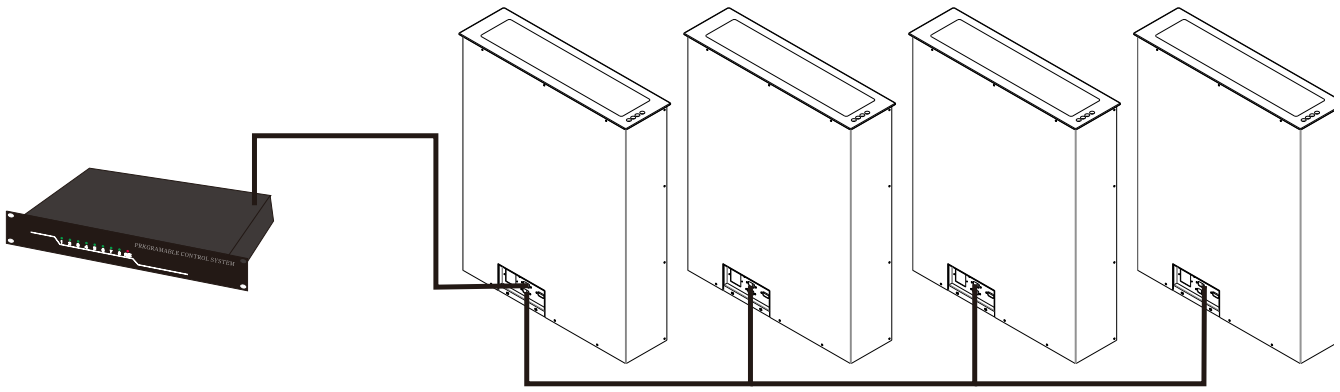
RS232 controller

① Connection for RS232



Monitor Lift RS232	Computer (Central Control) RS232
3 RXD Receive	2 or 3 TXD Transmit (ask your central control supplier)
5 SGND Signal Ground	5 SGND Signal Ground

- 1, Using monitor lift RS232 PIN 3 to connect with central control PIN 3 (or PIN 2), monitor lift PIN 5 connect with central control PIN5.
- 2, Using RS232 cable (1st monitor pin 3 conenct with 2nd monitor pin 3, 1st monitor pin 5 connect with 2nd monitor pin5) to connect 1st monitor with 2nd monitor, 2nd monitor with 3rd monitor... 29th monitor with 30th monitor.



② Set up RS232

baud rate	9600
data length	8
parity checking	N
stop bit	1

③ Central Control Code

There is an acquiescent hex code which could control fully up or down:

Study status: FF 10 11 ** AA... (repeat 5 times)



Lifting down: FF 10 11 ** DD... (repeat 5 times)

Lifting up: FF 10 11 ** EE... (repeat 5 times)

Down : FF 10 11 ** CC... (repeat 5 times)

Notes: **write the address code; 00 is the public address code (that is full code control), and 00 is also the factory default address code, which can be directly logged in and used.

④ Address code set up

- 1, Power on the monitor lift, press both   button over 5 seconds, monitor lift make 1 sound, loose the 2 button press. Then monitor lift mechanism become to study status.
- 2, Central control send an order : FF 10 11 88 AA (presume address code is 88)
- 3, The monitor lift will made 3 sound if received order from central control. That means central control is set up successful.
- 4, The monitor will make 1 sound if could not received order from central control within 10 seconds. That means monitor lift will exit the study status.

Clear up the control code:

Press UP and STOP button on the touch control panel at the same time, the indicator light of machine will flicker from slow to fast. Loosen the two buttons once the indicator light is flickering very fast, and then brief press the UP and STOP button right now at the same time and loosen. Then all the control code had been cleared up.
The acquiescent hex code from factory won't been clear up.