

The T48-LFT15 is a Paperless Video Conference System that can be integrated on AVFI's T48-108 Modular Executive Table. The display and microphone lowers to be flush with the desktop, maintaining a tidy appearance. For multimedia conferences, the screens can be raised individually, in groups, or all at once as needed.



Specifications

- Black finish, brushed aluminum bezel.
- Display size: 15.6 in Touch Screen.
- Display resolution: 1920 × 1080 (Full HD).
- Display area: 344.16 (W) × 193.59 (H) mm
- Viewing Angle: 85/85/85/85 (Typ.)(CR≥10)
- Elevation Angle: the first elevation Angle is 14 degrees, and the second elevation Angle reaches 30 degrees
- Screen ratio: 16:9 Material: high-grade all-aluminum wire drawing process
- Panel size: 532 (L) × 80 (W) × 3 (thick) mm
- Case size: 515 (L) × 75 (W) × 630 (H) mm
- Control mode: RS232/RS485 central control, remote control & manual
- Remote control distance: 20 meters
- Operating temperature: 0-75°C
- Relative humidity: not more than 80% (20±5°C)
- Color: Silver/black, other colors can be customized
- Chassis interface: Host switch/HD/VGA/ central control input/output interface/data transmission/power interface
- Panel keys: Switch key/menu key/Start key/Down key/Pause key/Up key
- Motor: 2 control rise and fall, forward and backward
- Microphone type: * Video automatic tracking function, aviation connector, can split microphone.
- Multiple working modes: Restricted mode/Full open mode/Chair first mode /FIFO mode.
- Built-in high-fidelity capacitor sound head, so that sound restoration is good, high clarity, low noise.
- The microphone ON/OFF adopts ultra-long life, noiseless tap switch.
- When the microphone is turned on, the sound head working indicator lights up; The chair unit has a priority switch.
- It has power protection features, the LCD screen powers on automatically when it rises: it cuts off power automatically when the lift hits the lower limit, reducing energy consumption.

Accessories

- Cables: Power cable, USB Type B for Touch function.
- Remote control.

External Power Supply: AC 110V

Certifications: CE

1 year warranty.

Rear Interface



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(1) Function Description: This LCD screen lifter can be lifted, tilted forward or backward through manual control, remote control or central control. The maximum remote control distance is 30 meters, and the tilt Angle of the display screen is $\leq 30^\circ$

(2) Environmental requirements for use: Temperature range from -10°C above zero to 40°C ; An indoor environment with a relative humidity not exceeding 95%; In an environment free of corrosive gases; It is not used in organic solvent vapors or flammable and explosive atmospheres. Power supply voltage: AC 220V($\pm 10\%$) Avoid violent vibration and collision.

(3) Control Instructions:

① Manual control mode:

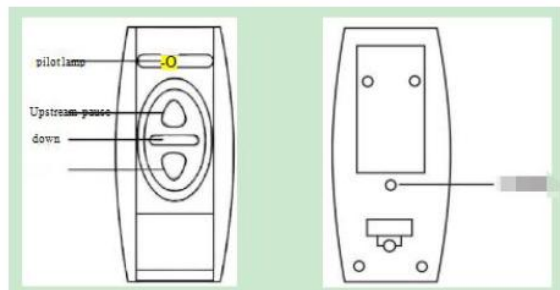
Up, pause, down switch menu host on/off key. Up, down, and pause respectively control the machine's operating status. The power on/off key of the main unit is used to connect to the main unit. When the display is hidden inside the machine, press the up button. The machine panel will open and close the door and retract into the machine. At the same time, the display will rise, and the base plate and the panel will be level. Finally, the display will rise at an Angle until the machine stops running automatically. Meanwhile, liquid crystal display The display screen is powered on automatically.



(computer power/switch/down/stop/up)

② Remote control mode:

Single wireless remote control, one-to-one control. Wireless remote control group control, up to five groups, multiple machines grouped together, one remote control operation method: While the power is connected, simultaneously press and hold the "Pause" and "Rise" keys on the lift panel for about 2 seconds or so. The indicator light inside the machine will start to flash. Then press the code matching button on the back of the remote control for about 1 second. If the indicator light inside the machine stops flashing, Then the code matching is successful. The machine can now be controlled by a remote control. If it is unsuccessful, repeat the above operation.



③ Central control mode:

1) RJ45 plug connected to RS485 Description:

1 pin is connected to GND Pin

7 is connected to the T/R of RS485 Pin

8 is connected to T/R of RS485

2) RJ45 broadcast head connected to RS232

description: RJ45 pin 8 is connected to RS232 pin 5 GND

RJ45 pin 7 to RS232 pin 3 Tx



Central Code Manual

Code	Execution action	Default control protocol:
FF EE EE EE AA	Log in	Bit rate :2400 Parity test :N Data length :8 Stop position :1
FF EE EE EE DD	Rise	
FF EE EE EE 60	HDMI	
FF EE EE EE CC	Stop	
FF EE EE EE EE	Down	
FF EE EE EE 62	VGA	

A data string needs to be sent continuously for more than four times. The above connection method may vary slightly depending on the central control terminal used by the customer. For specific details, please refer to the instructions of the central control machine.

RS232 User Manual

After the device is powered on and connected to the computer RS232, the RS232 control interface is brought up on the

computer end.

(2) Press and hold the pause button of the elevator, click the "Learn" button on the RS232 control interface, and the elevator's lifting motor will complete the learning process once

Wireless code usage

(1) Instructions for Wireless code Matching:

Press the pause button on the hand control panel until each

lifting motor moves once, indicating that the code matching learning state has been entered. (When the screen is raised or lowered to the halfway position)

Press the remote control back button until each lifting motor moves once, indicating that the code matching learning has been successful

(2) Instructions for Wireless Code Elimination:

Press the pause button on the hand control panel until the lifting motor moves twice each time, indicating that it has entered the code elimination state. Press the pause button again to confirm. (When the screen is raised or lowered to the halfway position)