



Motorized Paperless Interactive Monitor Lift with Microphone

Embedded software: paperless conference terminal client software V2.0

TS-F215MT3



Description:

The paperless lift adopts smart control technology, smart terminals and a LCD touch screen terminal, integrating HD video, unified communication, smart multi-screen interactive sharing, smart conference central control, audiovisual collection and sound system, bringing a smart conference experience.

Feature:

* Adopt an integrated lifting design of the ultra-thin HD touch screen and the microphone, no exposed connection wires, no connection backplane, and no exposed screws.

* The integrated lifting design with microphone supports automatic straightening function; when the microphone pole is bent, it will be automatically straightened when being lowered to avoid damage to the microphone pole.

* Adopt an all-aluminum structure, high-quality aluminum material plus CNC fine carving processing; the screen frame and cabinet are made of aluminum alloy, making the device as a whole delicate and beautiful.

* Adopt anodized treatment, making the surface brighter.

* The device panel is only 3mm thick and 77mm wide, taking up little space. Its weight is only one third of the conventional lifts, reducing transportation costs and putting less pressure on the meeting table.

* The transmission structure is specially treated to minimize noise; the internal structure is treated by waterproofing, and a small amount of water leakage will not affect normal use.

* The transmission mode consists of high-quality pull-resistant belts, high-precision slider guides and linear bearings, while using AC geared motors as driving power; the central control protocol has strong compatibility and is compatible with all controllers. After the device is lifted, the screen will automatically power on; after being lowered, the screen will automatically power off.

* The 21.5-inch ultra-thin LCD touch screen supports a resolution of 1920*1080P, and clear and bright display effect; the adjustable backlight design can prevent eyestrain caused by too bright or too dark screen.

* Support HDMI and VGA signal input. When only one signal is input, the screen will automatically identify the signal; when two signals are input simultaneously, they can be manually switched through the panel buttons; when no signal input, the screen will automatically enter the power saving mode.

* Support central control of the device through the central control software, and also through the remote or the host computer, support lifting or lowering all the devices in the room with one key.

Microphone specification:

| | |
|--------------------|--------------------------------------|
| Microphone type | Cardioid pattern electret microphone |
| Frequency response | 80Hz-16KHz |
| Input impedance | 680Ω |
| Sensitivity | -41±1.5dB (0dB=1V/Pa, at 1KHz) |
| Max SPL | 120dB |
| SNR | >80dB |
| THD | <0.1% |
| Power consumption | 2W |

Specifications:

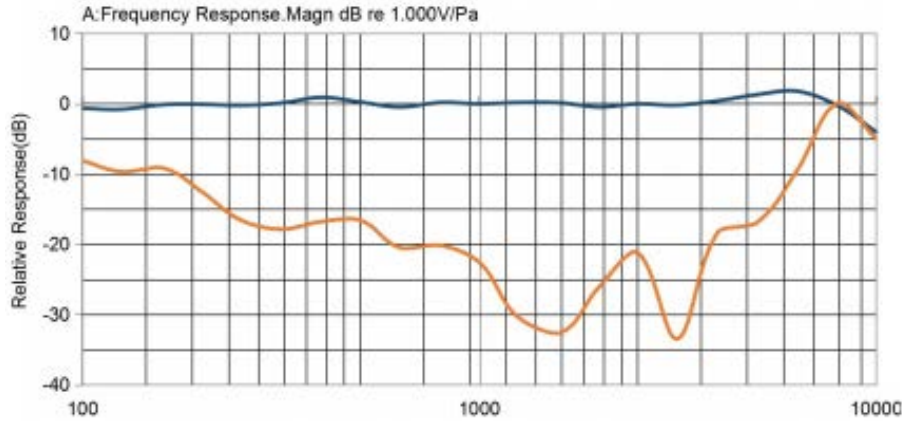
| | |
|--------------------------|---|
| Model | TS-F215MT3 |
| Touch screen | Support |
| Power supply | AC 220V 50-60/HZ |
| Lifting time | 36S |
| Elevation angle | 30° |
| Product size | 700*77*720mm |
| Cabinet size | 685*66*717mm |
| Panel size | 700*77*3mm |
| Desktop opening size | 687*68 (recommended to open hole according to the actual product) |
| Panel sinking size | 701*78*3 (L*W*T) (recommended to open hole according to the actual product) |
| Environmental conditions | -20℃~50℃, relative humidity≤70% |
| Screen size | 21.5" |
| Screen ratio | 16:9 |
| Screen resolution | 1920(RGB)×1080, FHD |
| Video interface | VGA, HDMI |
| Control interface | 1 set of 232/485 input and output interfaces; control the screen lifting and lowering, support hand-in-hand connection; 1 USB port for power on/off, 1 USB port for data transmission |
| Microphone interface | 2 sets of six-pin aviation ports, realize the hand-in-hand connection of multiple units |
| Microphone pole | 409mm |
| Backlight type | WLED, 15K hours, with LED driver |
| Contrast | 1000:1 (Typ.) (Transmission) |
| Brightness | 250 (Min.) |
| Viewing angle | 85/85/80/80 (Typ.) (CR≥10) |
| Signal system | LVDS |
| Total weight | Net weight: 18.9KG; Gross weight: 21.3KG |



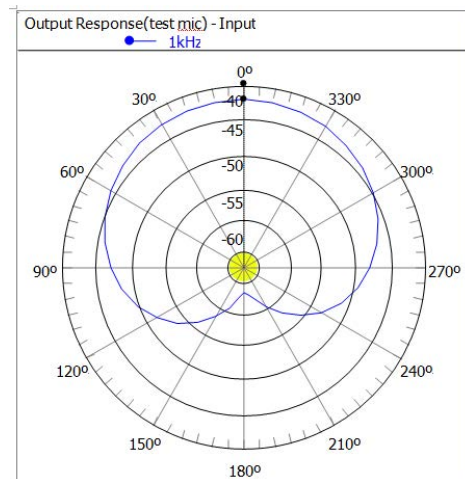
TS-F215MT

Φ9.7 microphone core graphics coordinates

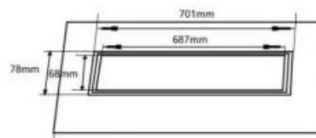
Frequency response curve



Microphone Cardioid Pattern



Opening size drawing



1. It is recommended to open hole according to the actual product:

- a. Desktop opening size: 687*68mm (2mm larger than the actual product)
- b. Panel sinking size: 701*78*3mm(L*W*T) (1mm larger than the actual product)

2. It is installed on the desk:

Interval between lifts: 400mm;

Distance from the edge of the desk: 350mm;

The distance can be adjusted according to the actual needs.



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