



# Motorized Paperless Dual-screen Interactive Monitor Lift

Embedded software: paperless conference terminal client software V2.0

## TS-FE156MT3



### Description:

The machine uses intelligent control technology, takes intelligent terminal as application concept, and adopts original guide rail design. One-key operation can complete start-up, lifting/flipping up LCD screen and other actions. It has anti-theft and dust-proof designs, looks elegant and is space-saving and convenient in use. It can be widely used in conferences, offices, hotels, teaching studios and other places, and satisfy the needs of system development and office automation. It is an ideal assistant for your working and teaching.

### Feature:

- \* The integration of the ultra-thin HD touch screen and the lift, no exposed wires and screws, no back boards; the lifting touch screen is neat and beautiful.
- \* Integrated with the microphone, which can be automatically straightened; when the machine is turned off, the pole can be automatically straightened to avoid damage.
- \* The machine adopts an all-aluminum structure, high-quality aluminum material and CNC engraving processing treatment; the overall display frame and the cabinet adopt aluminum alloy, making the overall machine exquisite, light, beautiful.
- \* The surface of the machine is anodized and looks bright.
- \* The panel is space-saving with 3mm in thickness and 70mm in width only.
- \* The transmission structure is specially treated to minimize the noise; it adopts high-quality stretch-resistant belts, high-precision sliding guide rail and linear bearings, and AC gear motor as the driving power; the central control protocol, with strong compatibility, can be compatible with all computer controllers. The screen is powered on when turning up, and is powered off when turning down, which is environment friendly.
- \* 15.6-inch ultra-thin LCD touch screen, resolution: 1920\*1080P, clear and bright display, adjustable back light design, can prevent fatigue caused by too bright or too dark screen.
- \* Support HDMI and VGA two-channel signal input. When there is only one signal input, the screen will automatically recognize the signal. When two signals are input at the same time, it can be manually switched through the panel buttons. When no signal input, the screen will automatically enter power saving mode.
- \* This machine can be centrally controlled by the central control software and the controller. One key can make all the machines in the room go up or down.
- \* The built-in loop-through output power socket can supply power to the terminal and reduce the wiring of the terminal power socket, and the project wiring is more tidy and beautiful.
- \* The desktop panel has a USB interface, and files can be browsed or uploaded by connecting a U disk.

### Microphone specification:

|                    |                               |
|--------------------|-------------------------------|
| Microphone type    | Cardioid directional electret |
| Frequency response | 80Hz-16KHz                    |
| Input impedance    | 680Ω                          |
| Sensitivity        | -41±1.5dB (0dB=1V/Pa,at 1KHz) |
| Maximum SPL        | 120dB                         |
| SNR                | >80dB                         |
| THD                | <0.1%                         |
| Power consumption  | 3W                            |

### Vice screen specification:

|                     |   |
|---------------------|---|
| Size                | 11.6", 256.1 × 144 mm   |
| Screen              | Not a touch screen  |
| Resolution          | 1366(RGB)×768 [WXGA]  |
| Contrast            | 800:1   |
| Brightness          | 250 (Typ.)  |
| Working environment | Operating temperature: 0 ~ 50 °C;<br>storage temperature: -20 ~ 60 °C |
| Operating frequency | 60Hz  |
| Viewing angle       | 89/89/89/89 (Typ.)(CR≥10)   |
| Screen type         | IPS screen full view  |
| Screen voltage      | 3.3V  |
| Signal system       | eDP (1 Lane), terminal, 30 pins                                       |

### Specifications:

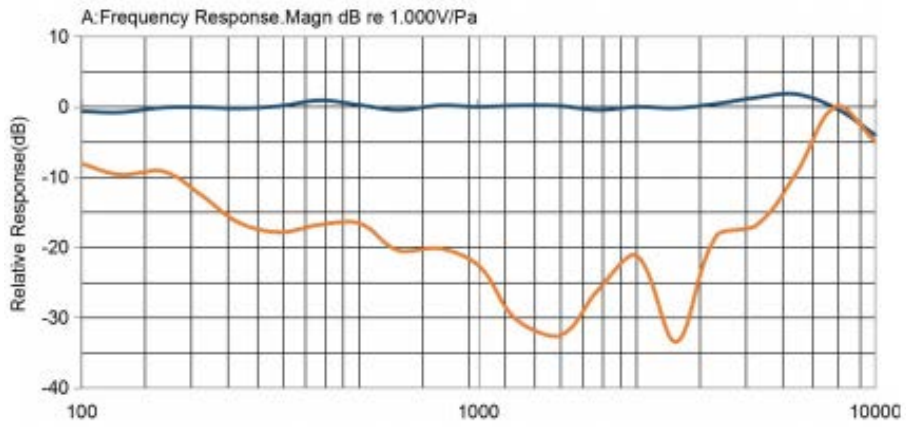
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| Model                  | TS-FE156MT3  |
| Touch screen           | Touch control  |
| Lifting time           | 28S  |
| Elevation angle        | 0-30 °, completely accord with ergonomic principle, without blocking the view and face   |
| Product size           | 555*70*650mm   |
| Panel size             | 555*70*3mm   |
| Cabinet size           | 538.2*59*647mm   |
| Desktop opening size   | 540.2*61mm (recommended to open hole according to the actual product)  |
| Panel sinking size     | 556*71*3mm (recommended to open hole according to the actual product)  |
| Environment conditions | -20 ° C ~ 50 ° C, relative humidity ≤ 70%  |
| Screen size            | 15.6"  |
| Screen aspect ratio    | 16:9   |
| Resolution             | 1920*1080  |
| Video port             | 1 VGA, 1 HDMI  |
| Control port           | 1 groups of 232/485 input and output ports: control microphone and screen lifting, support hand-in-hand connection respectively;<br>1 USB port for turning on/off the machine,<br>1 USB port for data transmission |
| Microphone port        | 6-pin aviation interface;<br>support hand-in-hand connection   |
| Microphone pole        | 409mm  |
| Back light type        | WLED, 15K hours, with LED driver   |
| Contrast               | 500: 1   |
| Brightness             | 220cd/m <sup>2</sup>   |
| Viewing angle          | 45/45/20/40(Typ.)  |
| Screen thickness       | 9.8mm  |
| Power supply           | AC 220V 50-60/HZ   |
| Power consumption      | 25W  |
| Total weight           | 12.3kg   |



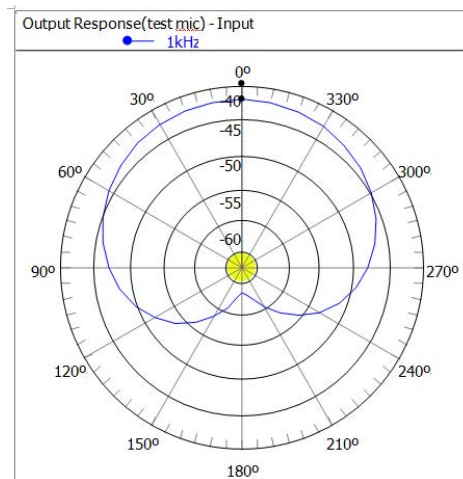
## TS-FE156MT3

### Φ9.7 microphone core graphics coordinates

Frequency response curve



### Microphone Cardioid Pattern



### Dimensional drawing

