Motorized Paperless Dual-screen Interactive Monitor Lift with Microphone

Embedded software: paperless conference terminal client software V2.0

TS-FE173MT3

Description:

The paperless lift uses smart control technology, and takes smart terminal as the application concept. Adopting original guide rail design, it can automatically complete startup, LCD screen lifting, elevation angle adjusting and other operations with one key, making the desktop tidy and beautiful, which is space-saving and user-friendly. It features anti-theft, dust-proof and other functions. The paperless lift is widely used in conferences, office hotels, teaching classrooms and other occasions to meet the needs of system expansion and office automation. It is really an ideal assistant for your work and teaching.

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 70mm wide, taking up little space.
* The transmission structure is specially treated to minimize the noise. 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.
* A 17.3-inch ultra-thin LCD touch screen, a resolution of 1920*1080P, and an 11.6-inch vice screen, integrated double-sided LCD display, 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 there is 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 host computer, support lifting or lowering all the devices in the room with one key.
* The desktop panel is designed with USB ports, and you can browse files or upload files by connecting a U disk.

Microphone specification：

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

Vice screen specification:

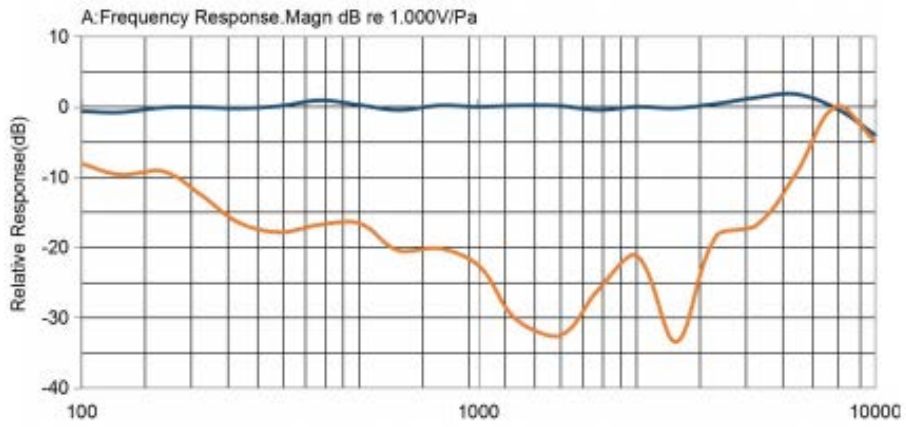| Screen size	11.6 inches, 255*143mm
Touch control	Do not support
Resolution	1366*768
Contrast	800:1
Brightness	250 (Typ.)
Working environment	Working temperature: 0 ~ 50 °C; storage temperature: -20 ~ 60 °C
Working frequency	60Hz
Viewing angle	89/89/89/89 (Typ.) (CR ≥ 10)
Screen type	IPS screen, full viewing angle
Voltage	3.3V
Signal system	eDP (1 Lane), terminal, 30 pins

Specifications:

Model	TS-FE173MT3
Touch screen	Support
Lifting time	28S
Elevation angle	0-30°, fully ergonomic, without blocking sight and face
Product size	601*70*650mm
Panel size	601*70*3mm
Cabinet size	586*60*647mm
Desktop opening size	588*62mm(recommended to open hole according to the actual product)
Panel sinking size	602*71*3mm(L*W*T) (recommended to open hole according to the actual product)
Environmental conditions	-20 ° C ~ 50 ° C, relative humidity ≤ 70%
Screen size	17.3"
Screen ratio	16:9
Screen resolution	1920*1080
Video interface	1 VGA, 1 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	700:1
Brightness	300cd/sqm
Viewing angle	89/89/89/89(Typ.)
Screen thickness	10mm
Power supply	AC 220V 50-60/HZ
Power consumption	25W
Total weight	Net weight 13.5kg; Gross weight 16.2kg

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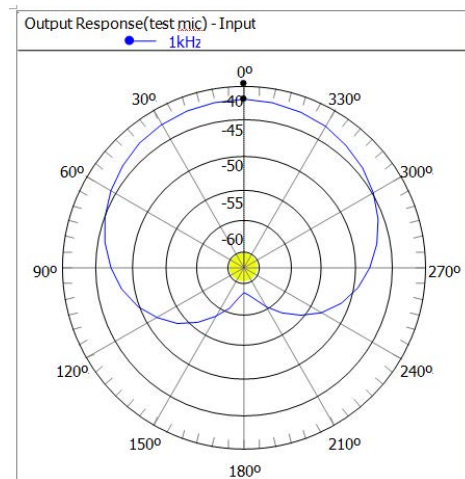## TS-FE173MT3

Φ9.7 microphone core graphics coordinates
Frequency response curve

Microphone Cardioid Pattern

Dimensional drawing