Smart lectern

TF-SC7QU

Description

This intelligent conference podium is designed for high-end conference scenarios. It features an electric lift for a more comfortable speaking experience; it integrates multiple intelligent terminals including a computer host, wireless microphone system, and gooseneck microphone amplification system; and is equipped with a 27-inch interactive display screen and a 4.6-inch control screen to improve speaking efficiency. Built-in professional presentation software provides users with a triple enhancement of auditory, visual, and writing experiences.

Features

I. Podium

*The intelligent lectern integrates a management computer, a 27-inch touchscreen display, a wireless handheld microphone, a gooseneck microphone, presentation software, a capacitive stylus, and a lectern height adjustment motor. It can realize core functions such as touch annotation of presentation content , dual-channel audio synchronous acquisition, and electric adjustment of lectern height, meeting the needs of digital presentation interaction, mobile/fixed sound pickup coverage, and ergonomic adaptation for speakers.

*The built-in lifting motor supports 20cm travel adjustment. The height can be continuously adjusted by pressing and holding the lift/lower button, and the step-by-step fine adjustment can be achieved by clicking to trigger, meeting the ergonomic needs of speakers of different heights for quick switching and precise positioning.

*The built-in PC host features a 27-inch touchscreen display and a capacitive stylus, providing powerful computing and storage performance and multi-device compatibility. It supports the efficient operation of mainstream office/presentation software, peripheral expansion, and gigabit network connectivity, meeting the digital needs of conference presentations, real-time collaboration, and cloud data interaction.

*It comes standard with a universal capacitive stylus, a built-in power switch and a DC 5V charging port, and can be used continuously for 12 hours. It also features an intelligent power-saving function that automatically shuts down after 5 minutes of inactivity.

II. Sound pickup equipment

*It features two wireless handheld microphones with a frequency range of 640MHz-690MHz. The handheld microphones are ergonomically designed with a rounded shape that fits the curve of the hand for a comfortable grip.

*It supports infrared frequency pairing technology, which can achieve tool-free pairing in seconds by scanning the working frequency points of the receiver and the wireless microphone, ensuring zero frequency interference in a multi-device meeting environment.

*The handheld microphone supports intelligent mute function. When intelligent mute is enabled, it will automatically mute after 5 seconds of inactivity. If the handheld microphone is dropped or thrown, it will automatically mute in milliseconds to avoid impact noise.

*The wireless microphone supports up to 10 hours of continuous use, meeting the needs of high-intensity use such as all-day meetings and training sessions, and eliminating battery anxiety.

*The transmitter has one OLED display, one power on/mute button, and two operating status indicator lights; the display can show frequency information, audio encryption status, power level, mute status, and battery level.

*It features a one-touch mute button, and the microphone supports double-clicking to mute and can be unmuted via the receiver .

*It features a professional gooseneck microphone (55cm adjustable microphone boom) with high-fidelity sound pickup, meeting the needs of speakers with different body movements.

III. Presentation Software

*It comes with built-in EasyTalk software, which supports opening file types such as images, videos, Excel, Word, and PPT, and allows for quick page turning on the 4.6-inch screen; it also provides a topic page display function, which can display the meeting topic content and welcome message.

*The presentation software offers four welcome screen themes to choose from, and users can also customize and upload their own themes. The software displays the welcome screen by default upon opening. It also features a theme lock function, which prevents the theme from being changed once locked.

*The presentation software supports full-screen operation, enabling functions such as opening a whiteboard, opening files, screen recording, and editing topic pages. These functions should be easily and quickly accessed from the primary menu bar. Asynchronous display is also supported, allowing users to select a single screen to display on the main screen while other software operations are not shown.

*The software features OCR (Optical Character Recognition) technology, which can accurately recognize various characters such as numbers, text, and letters. The written content is instantly and intelligently converted into neat electronic text, improving document processing efficiency and accuracy.

*The software can open images, videos, Excel, PPT, Word, and PDF files, and allows for annotation, clearing, gesture control, and file list preview. It also supports opening PPT files and allows real-time preview of pre-prepared annotations on the same screen.

*It supports opening images, videos, Excel, PPT, Word, and PDF files through the software. Images, videos, PPT, and PDF files can be annotated, cleared, manipulated with gestures, and previewed in a file list. It also supports opening PPT files and allows real-time previewing of pre-prepared annotations on the same screen.

*To facilitate user learning, the software includes a help function with detailed steps and operation demonstration animations.

*The software features both Chinese and English interfaces, allowing users to switch between different languages to meet diverse needs.

IV. Central control panel

*built-in 4.6-inch touchscreen display that supports controlling computer power on/off and restart; adjusting the lectern's height; turning the gooseneck microphone on/off and adjusting the volume of the gooseneck and handheld microphones; and quickly opening presentation software, including PPT and document page turning functions.

*It supports adjusting the wireless microphone switch, intelligent mute function, microphone frequency pairing, frequency sweeping, viewing microphone speaking status, and battery usage.

Specification

Core processor	The i5-12450H has 8 cores and 12 threads with a turbo frequency of 4.4GHz.
Operating system	Pre-installed with Windows 10 operating system
RAM	8G
Storage memory	256G
Display type	IPS LCD screen
Touch type	Capacitive Touchscreen
Screen size	27 inches
Resolution	1920*1080
Brightness	300cd/m²
Number of touch points	10-point touch
Frequency range	640MHz-690MHz
Modulation method	pi/4-DQPSK
Frequency response	80 Hz ~ 16 kHz (±3dB)
Signal-to-noise ratio	≥ 73dB
Wireless transmission distance	>30m sight distance
Lifting maximum load	100 kg
Climbing speed	4mm/s
Lifting distance	970-1170mm
Rated voltage	110-240V/50-60HZ
Rated power	<200W
Operating temperature	-10 ~ +45℃
Operating relative humidity	RH 10% ~ RH 90%, no condensation

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Storage temperature	-10 ~ +45℃
Storage humidity	RH 10% ~ RH 90%, no condensation
Interface	HDMI IN × 1, HDMI OUT × 1, USB 3.0 × 2, RJ45 × 1, XLR OUT × 2, 220V power input × 1 , 220V power output × 1
Overall dimensions	6 8 6mm × 5 78 mm × 970mm (minimum) / 1170 mm (maximum)
Product weight	65kg