Professional Speaker

TS-X615P

Description

Active professional speakers with built-in dual-channel high-efficiency power amplifiers to drive the high and low frequency speaker units ; using network data transmission protocol, supporting the reception of long-distance audio transmission; solving the problem of long-distance transmission wiring difficulties; suitable for high-end clubs such as conference halls, banquet halls, and multi-function halls .

Features

*The cabinet is made of 15mm+18mm multi-layer high-quality birch CNC cutting technology, with multiple reinforcing ribs added inside. Combined with advanced adhesives and mechanical reinforcement technology, the overall stability of the cabinet is enhanced, which can effectively reduce the resonance of the cabinet at high sound pressure. The surface adopts water-based spray painting process, which is stable and wear-resistant, and extends the service life .

*The shell adopts a bass reflex and trapezoidal structure design. The size of the box is designed in a clever way to avoid standing waves and reproduce rich bass .

*The hard and thick rigid mesh cover is stamped into one piece and covered with high-sound-transmittance acoustic mesh cotton to prevent dust or liquid from entering and affecting the sound quality, protecting the speaker and increasing its service life .

*It uses a 15-inch ferrite mid-woofer unit and a 1.73" annular polyethylene diaphragm compression tweeter .

*Complete installation structure and installation point design, with a 35mm diameter column support socket at the bottom .

*The product is an active speaker with a built-in dual-channel high-efficiency power amplifier to drive the high and low frequency speaker units.

*It uses a customized switching power supply module with a dedicated power amplifier , which is more efficient and stable. It has a device status indicator and a power indicator, and supports checking the device usage status through the indicator light.

*It has short circuit, overload and overheat protection functions. When the equipment fails, the equipment status indicator light lights up red and the fault information is reported to the background software in real time. Users can view the equipment fault information in real time.

*It has 1 network interface and 1 balanced input interface ; the network interface can receive any 1-channel audio transmitted over long distances through the network data transmission protocol; the balanced input interface can connect to analog audio signals.

*It has the function of switching audio input modes : including Z-DT (digital transmission)/LOCAL (local) , and also has two modes: digital-analog backup (in network priority mode, network audio is played first. When the network audio is disconnected, it automatically switches to analog audio) and analog-digital backup (in analog priority mode, analog audio is played first. When the analog audio is disconnected, it automatically switches to network audio) .

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*It has a built-in industrial-grade dedicated network audio decoding chip and advanced DSP processing for high and low frequency electronic crossover; it has functions such as software volume adjustment, 15-band parametric equalizer, limiter , inverter , delay device , etc. The channel delay can be set from 0 to 100ms, and the software can automatically calculate the required delay time according to the on-site delay distance.

*Supports viewing the device running time, channel volume, amplifier status (normal/faulty, etc.) through the audio matrix system; supports online connection through software , and can remotely monitor the status display and control of multiple speakers .

*With a low-power design, the device detects the input signal status in real time. If there is no audio signal input for more than 30 minutes, the amplifier automatically enters low-power standby mode.

Specification

Frequency response	45Hz- 20k Hz
Rated power	450W
Peak power	1800W
Maximum sound pressure level (rated/peak)	127dB/133dB
Coverage angle	(H)80°(V)60°
Tweeter	1.73" compression tweeter × 1
Bass	15" bass × 1
Input sensitivity	0.775mV (local)/2V (network)
THD+N (@1/8 power)	≤0.05%
Signal-to-noise ratio (A-weighted)	≥87dB
Input voltage	AC230V/50Hz
Power consumption	110W
Dimensions (W×D×H)	435×430×660mm
Weight	28.8 kg