To build the world first-class brand

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Professional sound system of theater

Description

The theater is mainly used for symphony concerts, folk concerts, chorus, concert performances; opera, dance, drama and ballet performances; various types of arts, technical events and lectures. Also it used in concert performances, large banquet, singing and dancing evening performances, live broadcast and recorded broadcast of various literary and artistic programs by TV stations and radio stations. itc specializes in designing professional theater sound reinforcement systems for theaters to meet various needs.

Professional sound system of Lecture Hall

Description

The lecture hall is mainly used for holding various report meetings, speeches, academic exchanges, presentations and performances, multimedia teaching and training, watching

Instructional videos, etc. The lecture hall solution needs to provide excellent sound quality, clear screen display and simple and convenient centralized control. Itc Professional sound system for lecture hall strives to present perfect sound effects and increase the appeal of event reporting.

Professional sound system of Cinema

Cinema speaker

- High sound quality restores the original sound of the movie
- Independent horn unit with adjustable pointing angle
- Precise crossover design to perfectly reproduce the expressiveness of the mid-frequency
- Low-distortion waveguide technology ensures film HD dialogue

Deep bass, immersive experience

- Full-frequency speakers with low frequency down to 40Hz
- Subwoofer with low frequency down to 33Hz
- Applicable in various types of theaters, and various high-end audio-visual applications

KF-Y215 KF-Y15 KF-Y12 KF-Y10 KF-YS18 KF-YS218

Professional sound system of KTV/BAR/CLUB

KT series entertainment speaker

Wide frequency response and excellent sound quality

- High performance passive two-way speaker for various high-end entertainment venues with fixed installations.
- High-power speaker units and lightweight cabinets achieve good rigidity and high internal resistance.
- Smooth frequency response curve, wide frequency extension and good vocal processing, full low frequency.

Continuous high dynamics, high sound pressure level

- 1.5/1.75 inch neodymium magnetic precision high frequency driver with delicate treble
- 12-inch bass, wide dynamic range

Solid and clear sound

- The low frequency of woofer is down to 35Hz, which is deep and rich
- Accurate analysis of vocals, full mid-frequency and clear layers
- Applicable to various high-end bars, KTV, party rooms and other entertainment venues

KS-210 KF-D212 KT-D12/KT-D15 KT-DS18/KT-DS218 KS-14F KT-M10/KT-M12

itC Audiovisual

Professional Sound Equipment

Hifi Sound Expresses Your Attitude Precisely

High-end 2-Channel Digital Professional Amplifier TC-21000/TC-21200/TC-22000

Features

- Dual-channel high-power professional digital power amplifier;
- With DC, short circuit, overload and overheat protection;
- Adopt variable oscillation modulation technology, multiple feedback control technology and innovative output power control technology to achieve more than 95% ultra-high efficiency and excellent stability;
- Support sensitivity 1V/2V selectable switching, XLR balanced input/XLR balanced LINK output; SPEAKON audio socket output;
- With signal, power, temperature limit function;
- Three modes of MONO/STEREO/BRIDGE can be switched;
- With temperature-controlled fan, which will run when booting, and will accelerate as the temperature increases. The full speed is about 60 degrees;
- With signal indicator (green), clipping indicator (orange), protection indicator (red), and power indicator (blue)

Model	TC-21000		TC-21200	
Stereo 8Ω×2	2*1000W	2*1500W	2*1200W	2*2000W
Stereo 4Ω×2	2*1700W	2*2600W	2*1900W	2*3400W
Stereo 2Ω×2	2*2900W	2*4350W	2*3200W	2*4800W
Bridge 16Ω	2000W	3000W	2400W	4000W
Bridge 8Ω	3400W	5100W	3800W	6800W
Bridge 4Ω	5800W	8670W	6400W	11600W
Connecting socket	XLR interface		XLR interface	
Voltage Gain (@1kHz)	39dB		41dB	
Input sensitivity	2.2dBU(1V), 8.2dBU(2V)		2.2dBU(1V), 8.2dBU(2V)	
SNR (A-weighted)	≥105dB		≥105dB	

High-end 4-Channel Digital Professional Amplifier TC-4700/TC-4500

Features

- Built-in four-channel 4*500W/4*700W professional switched power supply digital amplifier;
- Support DC, short circuit, overload and overheat protection;
- The panel is designed with signal (green), clip (orange), protection (red), power indicator (blue);
- Support XLR balanced input; SPEAKON audio socket output;
- Support signal, power, temperature and other voltage limiting functions;
- Support optional three modes: MONO/STEREO/BRIDGE;
- Support optional 1V/2V sensitivity;
- With a temperature-controlled fan, it rotates as soon as it is turned on; the fan accelerates as the temperature rises, and reaches full speed at about 60℃;
- Super load capacity: support 8 ohms, 4 ohms, minimum 2 ohms.
- TC-41500 is available

Model	TC-4500	TC-4700
Output power (1KHz/THD≤1%)	Stereo 8Ω: 4*500W; 4Ω: 4*800W; 2Ω: 4*1300W; Bridge 16Ω: 2*1000W; 8Ω: 2*1600W; 4Ω: 2*2600W	Stereo 8Ω: 4*700W; 4Ω: 4*1200W; 2Ω: 4*2250W; Bridge 16Ω: 2*1400W; 8Ω: 2*2400W; 4Ω: 2*4500W
Connector	XLR interface	XLR interface
Voltage gain (@1KHz)	36dB	37.5dB
Input sensitivity	2.2dBU(1V), 8.2dBU(2V)	2.2dBU (1V), 8.2dBU (2V)
Input impedance	10KΩ unbalanced, 20KΩ balanced	10KΩ unbalanced, 20KΩ balanced
Frequency response (@1W power)	20-20KHz/±1dB	20-20KHz/±1dB
THD+N (@1/8 power)	≤0.01%	≤0.01%
SNR (A-weighted)	≥102dB	≥102dB
Damping coefficient (@1KHz)	≥200@ 8 ohms	≥200@8ohms
Resolution (@1KHz)	≥85dB	≥85dB
Protection method	Over-voltage protection, under-voltage protection, over-current protection, DC protection, short circuit protection	
Indicator light	Power, Fault, Clip, Signal	Power, Protection, Signal, Distortion
Cooling method	Fan cooling	Fan cooling
Power supply	~ 220 50Hz	~220 50Hz
Maximum power consumption	2500W	3200W
Dimension (L×W×H)	484×353×44mm	483×353×44mm
Weight	7.8kg	8kg
* This power is measured using a 20ms pulsed 1kHz sine wave at 1% total harmonic distortion.		

High-end 4-Channel Dante + DSP Ecological Network Digital Professional TC-4500DT /TC-4700DT

Features

- Standard 19-inch cabinet design with a height of 2U;
- Adopt high-efficiency PFC + switched power supply + class D digital amplifier, providing extremely low output distortion and high efficiency;
- Adopt high-end DSP processor, built-in compressor, limiter, FIR processor, noise gate, parametric equalizer, matrix router, delayer, high and low pass processing and other DSP functions;
- Support various working modes: stereo and bridge connection, support free switching between bridge and matrix mode, the simple interface is more convenient for different users;
- Constant voltage and constant resistance: 100V, 70V, 16Ω, 8Ω, 4Ω;
- The input sensitivity is adjustable: 2dBu/6dBu/12dBu, set through PC software or LCD screen;
- Support DANTE network transmission protocol, low-latency DANTE network audio transmission, 4 sending channels, 4 receiving channels, network audio extension.

Model	TC-4500DT	TC-4700DT
Output power (20-20KHz/THD≤1%)	Stereo/Matrix@8Ω×4: 500W×4	Stereo/Matrix 8Ω×4: 700W×4
	Stereo/Matrix@4Ω×4: 700W×4	Stereo/Matrix 4Ω×4: 1000W×4
	Bridge@16Ω×2: 1000W×2	Bridge 16Ω×2: 1400W×2
	Bridge @8Ω×2: 1400W×2	Bridge 8Ω×2: 2000W×2
	Bridge constant voltage 100V@10Ω: 1000W×2	Bridge constant voltage 100V@6.6Ω: 1500W×2
		Constant voltage 70V@6.1Ω: 800W×4
Connecting interface	XLR, DANTE interface	XLR, DANTE interface
Input sensitivity	2dBu/6dBu/12dBu	2dBu/6dBu/12dBu
Input resistance	20kΩ balanced	20kΩ balanced
Frequency response (@1W power)	20Hz-20KHz /+1/-1dB	20Hz-20KHz /+1/-1dB

High-end Professional Speaker TK-M10/TK-M12/TK-M15

Features

- Adopt a 10" neodymium magnetic mid-woofer and a 44mm compressed neodymium magnetic tweeter.
- 15mm birch housing, light weight, wear-resistant paint treatment outside, and dust-proof net cotton inside.
- Frequency divider in precise design optimizes power response and vocal mid-frequency performance.
- Multiple screw hoisting holes, a pole socket with a diameter of 35mm, various installation methods.

Model	TK-M10	TK-M12	TK-M15
Impedance	8Ω	8Ω	8Ω
Frequency response	45Hz-20kHz	45Hz-20kHz	40Hz-20kHz
Rated power	300W	400W	500W
Peak power	1200W	1600W	2000W
Sensitivity	98dB/W/m	99dB/W/m	100dB/W/m
Max SPL(rated/peak)	123dB/129dB	125dB/131dB	127dB/133dB
Coverage angle	(H)90°(V)70°	(H)90°(V)70°	(H)90°(V)70°
Size	510×315×290mm	600×375×390mm	680×440×440mm
Weight	13.6kg	19.4kg	26kg

High-end Professional Full Range Speaker KS-10H

Features

- Adopt two 10-inch neodymium magnet woofers and one Italian imported 100mm+65mm neodymium magnet coaxial compression driven mid-tweeter.
- The cabinet is made of high-quality imported birch wood, adopts precise CNC machining, polyurea spray paint, high-end and wear-resistant.
- Support directional control with a wider frequency band; the 800-16KHz horizontal and vertical directions are controlled by the point sound source horn.
- Axisymmetric structure, three-frequency single drive design.

Model	KS-10H
Rated power	600W
Peak power	2400W
Nominal impedance	8Ω
Frequency range	55Hz -20KHz
Sensitivity	103dB(1M/1W)
Maximum SPL (rated/peak)	131dB/137dB
Woofer	10" woofer × 2
Tweeter	100mm+65mm coaxial mid-tweeter × 1
Coverage angle (-6dB)	90°(H) 60°(V)
Net weight	25.5kg
Dimension (H×W×D)	680×300×390mm

High-end Line Array Full Range Speaker KS-210/KS-S218

Features

KS-210

- Adopt two 10-inch neodymium magnet woofers, two 8-inch ferrite woofers, and one Italian imported 100mm+65mm neodymium magnet coaxial compression driven mid-tweeter.
- The cabinet is made of high-quality imported birch wood, adopts precise CNC machining, polyurea spray paint, high-end and wear-resistant.
- Support full-band directivity control, the horizontal 800-16KHz direction is controlled by the linear sound source waveguide, and the 100-800Hz direction is controlled by two 8-inch woofers to form a cardioid structure.

KS-218

- Adopt two 18-inch ferrite subwoofers.
- The cabinet is made of 18mm imported birch; the surface adopts polyurea paint treatment, high-end and wear-resistant.
- Push-pull six-order band-pass structure, minimized volume, with hanging parts, support hanging and stacking installation; used with linear array main full-range speakers to form a linear array.

High-end Line Array Speaker KF-D212/KF-218S

Features

KF-D212

- Adopt two 12-inch ferrite woofers and one 3-inch tweeter.
- Adopt a round chamfer structure, the surface is spray-painted, high-grade and wear-resistant.
- The mesh cover adopts the powder spraying process to increase the strength, improve the service lifespan and oxidation resistance.
- The frequency divider has been adjusted by professional equipment to provide high vocal reproduction, strong penetration, and low distortion.

KF-218S

- Adopt two 18-inch ferrite woofers and one 3-inch tweeter.
- Adopt a round chamfer structure, the surface is spray-painted, high-grade and wear-resistant.
- The mesh cover adopts the powder spraying process to increase the strength, improve the service lifespan and oxidation resistance.
- The frequency divider has been adjusted by professional equipment to provide high vocal reproduction, strong penetration, and low distortion.

High-end Professional Three-frequency Coaxial Monitor speaker KS-14F

Features

- Adopt a 14-inch coaxial woofer and a 100mm+65mm Italian imported neodymium magnetic coaxial compression driven mid-tweeter.
- The cabinet is made of high-quality imported birch wood, adopts precise CNC machining, polyurea spray paint, high-end and wear-resistant.
- With hanging parts, it can realize the function of stage sound monitoring.
- Support directional control with a wider frequency band; the 800-16KHz horizontal and vertical directions are controlled by the point sound source horn.

Model	KS-14F
Rated power	500W
Peak power	2000W
Nominal impedance	8Ω
Frequency range	60Hz-20KHz
Sensitivity	104dB(1M/1W)
Maximum SPL (rated/peak)	131dB/137dB
Woofer	14" woofer × 1
Tweeter	100mm+65mm coaxial mid-tweeter × 1
Coverage angle (-6dB)	75°(H) 40°(V)
Net weight	26kg
Dimension (H×W×D)	420×580×480mm

Performance-grade MIR Audio Pocessor TS-P260MIR/TS-P480MIR

Features

- Each input channel: 2 /4 balanced line inputs, standard XLR interface, balanced connection.
- Each output channel: 6 balanced line outputs, standard XLR interface, balanced connection.
- Provide 96kHz FIR filter/high-order signal generator/RTA real-time spectrum analyzer.
- With MIR linear phase crossover filter, which has the shape of classic filter (LR24/48) without any phase distortion, keeping the phase curve straight.
- Support channel joint control function.
- With USB B type interface to connect to computer for communication.
- Configure LAN control interface, support TCP/UDP protocol, and the IP address is automatically obtained by DHCP by default.
- Equipped with control software, intuitive and graphical interface; support XP/Windows7, 8, 10 and other systems.

UHF Wireless Microphone T-592UH

Features

- Adopt unique digital U-band transmission technology, pi/4-DQPSK modulation mode, strong anti-interference ability, low bit error rate and stable transmission.
- A unique encryption method is used for audio transmission to ensure the security of meeting content.
- Adopt unique ID code pilot technology to prevent cross-frequency interference.
- Using high-reduction dynamic microphone core, professional sound cavity design, the sound quality presents natural and original sound.
- One-key frequency scanning to avoid interference; one-key infrared frequency matching, easy to operate.
- Support reverberation, treble/alto/bass adjustment.
- Designed with two balanced outputs and one unbalanced mixing output.

16 Channel Mixer with DSP and MP3 Player TS-16PFX-4

Features

- Large professional mixer, ultra-low noise discrete microphone preamplifier and +48V phantom power, powerful functions and mellifluous sound quality.
- 10 channels of Mic input interface are compatible with 8 line input interfaces; microphone input interface supports 48V phantom power.
- 2 sets of stereo inputs and 4 channels of RCA inputs can be connected to stereo devices.
- Provide 2 sets of stereo main outputs, 4 group outputs, 4 auxiliary outputs, 1 set of stereo monitoring output, 1 earphone monitoring output, 2 effect outputs.
- Provide 1 set of main mixing breakpoint insertion, 8 breakpoint insertion, and can be connected to additional processors (compressor, equalizer, limiter, etc.).
- 15 high-precision carbon film faders with 60mm stroke.
- Built-in MP3 player supports external U disk playback/recording through the USB interface.
- Built-in USB sound card can connect to computer for music playback and sound recording.
- Built-in 24-bit DSP audio processor can provide 100 preset effects.
- With 1 USB power supply interface, connected to USB light.
- Support 7-band graphic equalization fader adjustment.