Liveshow
Pro

Playeah
酷雅

Liveshow Pro

USB1 USB2

POWER

PlayeahSoun'D
酷雅空间声

24bit
96Khz

IMFA

RT-MC

FreeD-Pos

UISIF
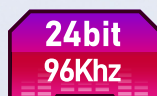
Liveshow Pro

——For fully immersive performing

Liveshow Pro is an advanced immersive sound fusion processing integrated meta-control center specially designed and developed for large-scale live performances such as immersive concerts and musicals.Using playeah's self-created "PlayeahSoun3D" spatial sound composite dyeing engine, up to 64 channels of independent speaker output. It can construct a three-dimensional space sound field with a sense of nature and envelopment, and together with stage art, lighting effects, and video images, create a wonderful stage that integrates sound, film, light, and shadow.

Sporty sound source in your hands

Playeah's newly developed "FreeD Panner" multi-dimensional panner controller, combined with high-precision three-dimensional sensing beacons, enables on-site directors to control multi-point moving sound sources more conveniently and quickly.

Software, hardware blessing, stage performance is more exciting

Equipped with playeah's unique "IMFA", "RTBC" technology, and "UISIF" interactive interface, the sound can better fit and blend with other stage elements on the stage, achieving a stage with a more musical sense and more sound appeal. Strengthen the sound processing, sound effect management, sound source control and music fusion of immersive stage performances to achieve a more excellent and perfect immersive sound field effect. It can help actors perform more harmoniously with the sound, electricity, light and shadow effects of the stage, and allow the audience to go deeper into the immersive experience of the performance to a greater extent.

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From the perspective of sound and music, Liveshow Pro provides a unique creative tool for directors of immersive concerts and musicals, it can easily show well-designed immersive sound live performances, giving the audience a more super-sensory viewing experience and deeper emotional resonance!

FEATURES

- Self-developed "PlayeahSoun3D" spatial sound field multi-algorithm compound dyeing engine.Compatible with **Stereo, QUAD, 5.1, 7.1, BAP, DBAP, LBAP, SPCAP、** surround, and spatial sound algorithms such as Stereo, KNN, and HOA, generating a richer, more detailed, more natural, and more enveloping three-dimensional spatial sound field.

- Support WFS wave field synthesis technology, which can reproduce the real sound field in a larger area, and more accurately locate the sound source position.

- Up to 64 independent audio channel outputs, constructing a high-density three-dimensional sound field space of up to 64 independent speakers.

- Self-developed universal interactive system interface function "UISIF" can exchange data with various sensing and interactive systems to realize intercommunication.It can not only recognize actions, gestures, voices, spatial positions, etc but also sense light and darkness, color, temperature, and can monitor sound pressure, infrared, electromagnetic, vibration, and various sound, light, magnetoelectric signals.It can also be connected with a mouse, multi-touch screen, 3D game joystick, and remote sensing VR handle.

- Support a variety of external device control protocols, such as OSC, RS485, RS232, MIDI, UDP, QLAB, to achieve flexible linkage control.

- Supports high-precision three-dimensional sensing beacons, and the real-time motion tracking accuracy can reach within 10cm. Control 32 sports sound sources in real time.
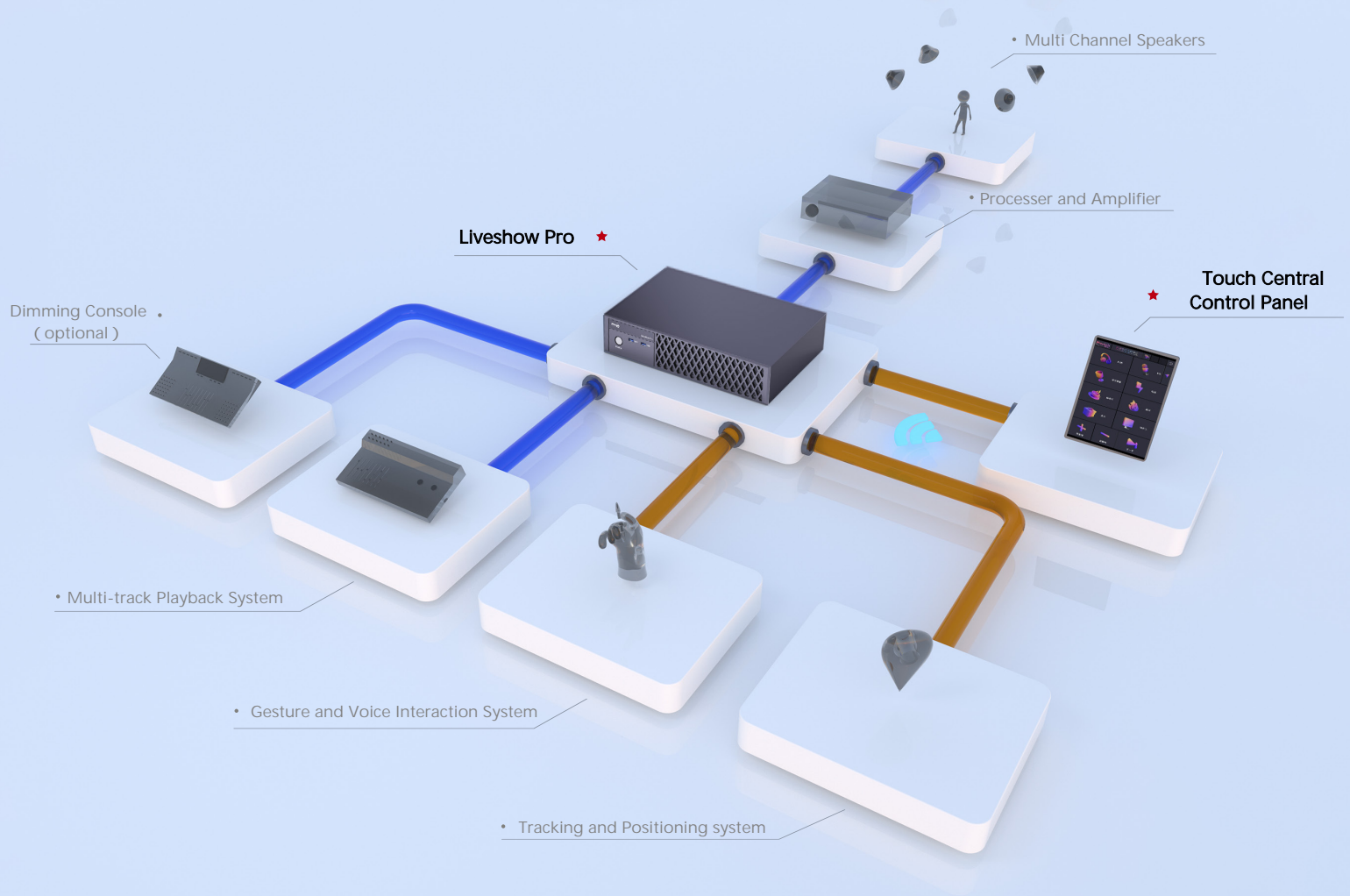
- The newly developed multi-dimensional panning controller "FreeD-Panner" can quickly control the movement of each sound source in the multi-dimensional space.

- All Chinese operation interface.

- Automatically set speaker layout parameters in batches，Built-in 48 channel input digital mixing console.
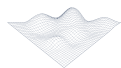
Model : Liveshow Pro

Processing Core:	Intel 64bit 8core CPU	Memory:	8GB RAM，512GB SSD
Control Protocol:	OSC,MIDI,RS485,RS232,QLab	Control Channel Number:	4 x RS485, 4x RS232
Sound Field Algorithms:	VBAP, KNN, HOA, WFS	Real-time Dynamic Sound Source:	32
Sound source Control:	FreeD Panner	Automatic Tracking Beacons:	4 Groups
Built-in mixing console:	16 mono inputs 16 stereo inputs 16 outputs	Tuning output control:	Independent Bass Control
Frequency Response:	20Hz--20kHz	Harmonic Aistortion:	0.003%@1kHz
Timer Precision:	±0.1ppm	Signal to Noise Ratio:	102dB
Sample Rate:	48/96kHz	Processing Accuracy:	Float 64bit
Dynamic Range :	96dB	Quantization Accuracy:	24bit
Music Format:	WAV, MP3	Network Audio Output :	64ch@Dante
Network Audio Input:	48ch@Dante	Dante interface:	2 x RJ45
Network Interface:	1 x RJ45, 1Gbps	USB:	4 x USB3.0
Video Interface:	1 x HDMI	Power Supply:	AC 220V, Redundant backup dual power
Size :	430mm×385mm×90mm	Weight:	7.6Kg

Liveshow Pro

Liveshow Pro -- For fully immersive performing

• Multi Channel Speakers

Liveshow Pro ★

• Processer and Amplifier

**Touch Central
Control Panel** ★

Dimming Console
optional

• Multi-track Playback System

• Gesture and Voice Interaction System

• Tracking and Positioning system

Control Signal   Audio signal   Wireless Signal

APPLICATION SCENARIOS

Playeah Show ——

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