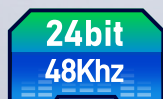


PRODUCT INFORMATION

# Venue Commander



# Venue Commander

—— Set Precedents of AI Venue

Venue Commander ST/Pro is a stage sound and light integrated meta-control center specially designed and developed for banquet halls, celebration halls, school activity centers and multi-function halls equipped with small performance stages.

## Coordinating venue linkage by real-time music analysis

Venue Commander uses Playeah's original "IMFA" intelligent music analysis technology and "RTBC" real-time rhythm control technology , and uses deep AI algorithms to schedule lighting, video, machinery and dynamics to coordinate with the scene of the venue. All the facilities that can realize the performance of the venue can be integrated with the music in an all-round way, fully displaying the excitement and enthusiasm of the program, and making the audience at the banquet and celebration venue more deeply immersed in the atmosphere of the venue.

## Easily adaptable to multiple versions

For venues with different needs and configurations, there are two types of Venue Commander: ST version and PRO version. The ST version, suitable for scenarios with stereo sound system. The PRO version supports up to 16-channel speaker output, which can achieve a three-dimensional panoramic sound field effect and bring a more immersive and enveloping music and sound effect experience.

Venue Commander cooperates with Playeah's Visual Force Image server and Lighting Magic light controller, and will set a new benchmark of " Playeah venue " with unique sound and light integration charm!



后板示意图

Rear panel diagram



## FEATURES

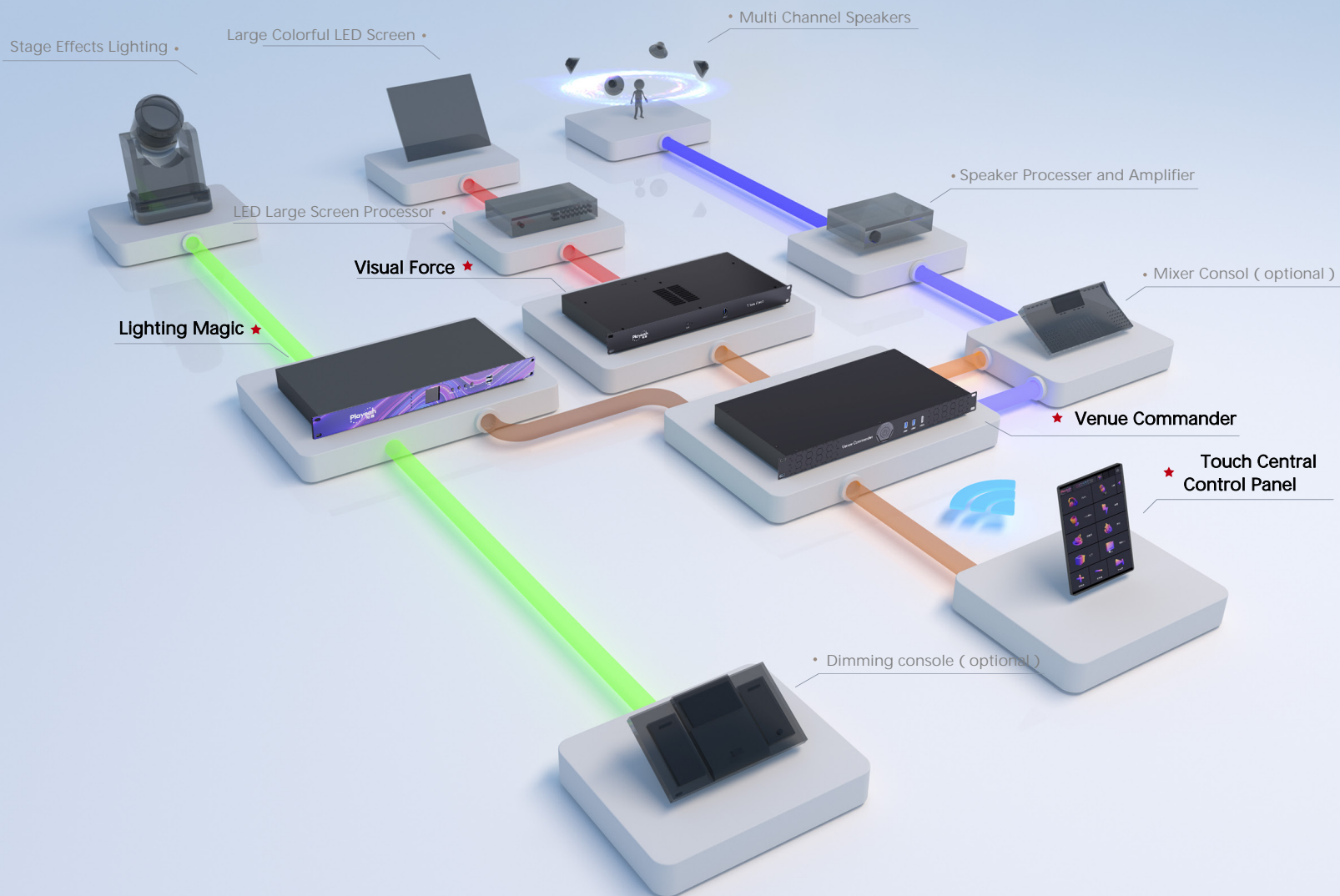
- Intelligent Musical Formation Analysis Technology “IMFA”, can real-time generation of metadata information such as music paragraphs, dynamics, speed, and beats.
- Real-time rhythm control "RTBC" technology, subverting the traditional mechanical "drum trigger" mode by using the music metadata output by "IMFA", the control metadata instructions are generated in real time to command and control the external devices.
- Built-in multiple control protocols, up to 4 RS485 and 4 RS232 control channels, can support linkage with more third-party video servers, lighting consoles, smoke machines and other stage performance equipment.
- Cooperate with Zhigu Yitong's "Visual Force" dynamic image server and "Lighting Magic" intelligent lighting controller. It can make the lighting and video performance effects more compatible with the music content, more coordinated, and makes the rhythm of sound, light and shadow be in complete harmony.
- Provide high-quality professional audio player, provide high-quality professional audio player with broadcast-grade 24bit/48kHz audio output. Support to play WAV/MP3 music uploaded by users.
- Cooperate with YeeTone Music Cloud to provide HIFI-level high-quality three-dimensional spatial sound format music library. Party Genie contains a rich collection of popular party music, electronic music, and is updated regularly.
- The Venue Commander ST supports standard stereo systems. Venue Commander PRO supports 16-channel immersive three-dimensional sound system, and has a built-in immersive sound music processing engine, which can provide a more immersive and enveloping music experience.
- Built-in tuning processor, it can adjust the audio input signals from various channels.
- The Venue Commander has preset many sets of commonly used configuration parameters, which is quick to install and easy to use.
- Venue Commander PRO supports SMPTE Timecode (LTC, MTC).

## Model :Venue Commander ST | Venue Commander PRO

Processing Core :	Intel 64bit 4core CPU	Memory :	8GB RAM, 128GB SSD
Control Protocol :	OSC, RS485, RS232, UDP	Control Channel Number :	4 x RS485, 4 x RS232
Frequency Response :	20Hz-20kHz	Harmonic Alstortion :	0.003%@1kHz
Timer Precision :	±0.1ppm	Signal to Noise Ratio :	102dB
Sample Rate :	48kHz	Processing Accuracy :	Float :64bit
Dynamic Range :	96dB	Quantization Accuracy :	24bit
Music Format :	WAV, MP3	Analogue Line Output :	4 x XLR-M
Analogue Line Input :	4 x XLR-F	Network Audio Output :	PRO:16ch@Dante   ST: 0ch
Network Audio Input :	PRO:10ch@Dante   ST: 0ch	Network Interface :	1 x WAN, 12 x LAN
USB :	2 x USB2.0	Video Interface :	1 x HDMI
Power Supply :	DC12V-8A	Weight :	4Kg
Size :	482mm×325mm×45mm	Supports SMPTE Timecode (LTC, MTC) :	PRO

# Venue Commander

Venue Commander — Set Precedents of AI Venue



Application Connection Diagram

Control Signal Video Signal 512 Signal Audio Signal Wireless Signal





## APPLICATION SCENARIOS



### Playeah Venue ——

All the facilities to realize the venue performance can be integrated with the music in an all-round way, fully displaying the excitement and enthusiasm of the program, and bringing a unique super-sensory audio-visual experience to the audience at the banquet and celebration venue.

