

PRODUCT INFORMATION

Robot Gaffer



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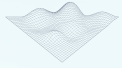
—The latest generation of professional lighting controller by Playeah

Robot Gaffer features a multi-core, multi-thread, high-frequency processor combined with 128GB of large-capacity storage, enabling the execution of more complex, diverse, and large-scale lighting programs.

With a self-developed core lighting control engine, it supports up to 8192 lighting control channels, making it suitable for large-scale lighting performance systems.



后板示意图
Rear Panel Diagram



FEATURES

- The device comes with 1024 built-in lighting control channels, and through extension interfaces, it can expand to support a maximum of 8192 channels, providing excellent system scalability.
- No lighting console is required; it can independently and automatically control the lighting for the entire venue, serving as a replacement for professional manual operation in various settings.
- The system is compatible with major international lighting control software for direct effect editing, supporting lighting programs and command sets.
- It supports professional stage equipment control protocols, including LTC timecode, PosiStageNet, ArtNet, and OSC, seamlessly integrating with various professional stage devices.
- With support for the IMFA music segment analysis algorithm, it can automatically invoke matching lighting programs with high adaptability, ensuring that lighting synchronizes seamlessly with music.
- Using a 100 Mbps network connection with 7 network outputs, it achieves high-speed data transmission, supporting high concurrency and low-latency control performance.
- DMX512 uses an RJ45 network port, compatible with mainstream lighting consoles
- The 1U rack-mount device with an external DC power supply ensures stable and reliable operation.
- Supports audio input, drum beat-triggered lighting effects, transmitted via RCA interface.
- Supports audio output via RCA interface, allowing for easier connection to external devices.

Model: Robot Gaffer

Processor core: Intel 64bit 2core CPU	Memory & storage : 8GB RAM, 128GB SSD
Control protocol: OSC, RS485, RS232, UDP, Artnet, DMX512	Number of control channels : 1xRS485, 1xRS232
DMX512: 1024(2xRJ45)	Artnet: 16xDMX512
Audio Input: 2xRCA	Audio Output: 2xRCA
Network Interface : 1xWAN, 7xLAN	USB: 2xUSB2.0
Video Interface : 1xHDMI	Power supply: DC12V-3A
Size: 482mmx248mmx46mm	Weight: 3.2kg

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Lighting Control Robot

