console

TF-RYCGS1

Features

1. The operating system is based on Linux and custom-developed, making the operation more stable and smooth.
2. Features a processor with 2 cores, 4 threads, a 3.3GHz clock speed, 4GB of DDR4 memory, an industrial motherboard, and a 128GB solid-state drive.
3. Features 7 DMX output ports and 3584 DMX512 channels. Expandable to 32 DMX outputs and 16384 DMX channels.
4. The touchscreen is medical grade, a 15.6-inch capacitive screen, with 80% higher sensitivity than traditional resistive screens and no delay.
5. Built-in multiple languages, Chinese operation panel + Chinese computer operating system (Chinese and English can be freely switched).
6. It has 6,000 lamp keys, can connect to 6,000 lamps, and can store 600 lamp groups.
7. The materials are divided into fifteen categories, and each category can store 200 materials. A total of 3000 materials can be stored.
8. It can store 2700 scenes, of which there is no limit to the number of steps in multi-step scenes.
9. Up to 20 scene windows can run simultaneously, 15 sliders can run simultaneously, and the number can be expanded to 30.
10. It includes 163 commonly used fixed graphics and 43 curve effects, and the graphics and curve effects can be modified through parameters.
11. Up to 60 graphic effects can be loaded simultaneously and combined freely.
12. It features 6 fan-shaped modes, and the fan-shaped effect can be modified through the tips dialog box.
13. Can store 400 programs.
14. Special dialog boxes allow for quick color selection via color palettes, color sliders, or color presets.
15. Vector bitmap function simulates the layout and arrangement of the lights on site, making the operation of the lights more precise and convenient.
16. Each working window can be linearly scaled and saved as a view for easy and continuous access.
17. The paragraph processing algorithm allows for segmented processing based on attributes, time, graphics, etc.
18. Equipped with 15 precision play push rods and 4 precision imported Alps Aplas encoders.
19. Three USB 3.0 ports (two on the front and one on the back).
20. An audio output port and a microphone input port are provided on both the front and back.
21. Built-in music player for easy recording of show choreography and performance rehearsals.
22. Built-in backup power supply (UPS) to prevent normal operation even in the event of a sudden power outage. The backup power supply can support operation for more than 30 minutes.
23. Supports features such as doodle-style handwriting or custom naming.
24. Uses XML format lamp library. Built-in lamp library editing software allows direct editing on the console or editing on a computer and then copying to the console (segment sets can be added to the lamp library, and attribute features can be quickly selected).
25. Equipped with a gigabit network port, supporting ART-Net connectivity.

26. Supports communication with central control via UDP, RS232, and DMX512.
27. Supports external display screens.
28. Supports wired ART-Net functionality (light simulator), which can be used for practice and simulated programming.
29. Supports Android phone control, allowing remote control via Android phone or Android tablet.
30. It can realize the connection and control of two control consoles.
31. The virtual numeric keypad on the control panel supports multilingual switching.
32. After the lamps are connected, the address code, wiring, and position of the lamp key can be changed directly.
33. All performance files on the console can be backed up to an external drive. To prevent file loss, automatic saving at time intervals can be set.
34. A console password can be set to protect console data.
35. The console supports timed power-on, timed power-off, and timed playback and termination of pre-set scene and program light shows.
36. The console supports marking or importing/exporting light show audio tracks to AU software.
37. All push rods on the control panel are made of imported materials, with smooth, stable tracks and a strong feel. Data is accurate, with no delay or jump.
38. The rotary encoder uses imported Japanese materials, ensuring accurate data and a delicate feel, allowing for both fast and slow rotation at will.
39. All buttons on the control panel are made of imported German materials, providing a strong tactile feel and a powerful rebound.

Specification

1. Rated voltage	AC 110-240V, 50/60Hz
2. Rated power	40W
3. Power factor	PF ≥ 0.98
4. Shell material	Flame-retardant high-temperature resistant plastic + cold-rolled steel plate
5. Power interface	1 power input interface
6. Signal Interfaces	3 USB ports (2 on the front, 1 on the back), 1 audio input port, 1 audio output port, 7 DMX512 output ports, 1 LAN port, 1 MIDI input port, 1 MIDI output port, 1 RS-232 port, 1 RJ45 network port, 1 HDMI port, 1 Timecode LTC port, 1 Timecode LTC port
7. Operating ambient temperature	-10℃ to 45℃
8. Protection rating	IP20
9. Product dimensions (L×W×H)	660×460×140mm
10. Packaging dimensions (L×W×H)	760×650×270mm (flight case)
11. Outer carton dimensions (L×W×H)	770×580×290mm (carton)
12. Gross weight of packaging	35.7kg (flight case + outer cardboard box)
13. Net weight of the product	18.6kg