



ENT-4D-PULSE
LED STROBE EFFECT LIGHT

ENT-4D-PULSE

LED Strobe Effect Light

Brand: TWT Technology

Model: ENT-4D-PULSE

Origin: Singapore

Product Overview

The ENT-4D-PULSE LED Strobe Effect Light is a professional special effects lighting fixture designed for immersive cinema, 4D/5D theaters, simulation rooms, and themed entertainment venues. Built for lightning simulation and high-impact visual effects, the unit produces intense flashing output to enhance dramatic scenes and synchronized show environments.

With a high-density RGBW LED array, multiple operating modes, and DMX512 control, the ENT-4D-PULSE is suitable for both standalone operation and integration into professional show-control systems.

Key Features

- Professional LED strobe effect light
 - Designed for lightning simulation and dramatic flash scenes
 - High-density RGBW LED light source
 - Multiple control modes including manual, built-in effects, DMX512, and voice-activated
 - Multiple channel modes for flexible programming
 - LCD interface with touch-button operation
 - Power and signal linking capability
 - Flame-retardant engineering-grade housing
-

Application Description

The ENT-4D-PULSE is developed to simulate lightning strikes and flashing storm effects in cinema and entertainment environments. It emits dazzling pulses of light that can be synchronized with sound, motion, and environmental effects, allowing audiences to experience a stronger sense of immersion during action, weather, and impact scenes.

Technical Specifications

Parameter	Specification
Product Name	LED Strobe Effect Light
Model	ENT-4D-PULSE
Brand	TWT Technology
Origin	Singapore
Voltage	AC100V-240V
Power	260W
Light Source	1296 pcs LED SMD5050 RGBW
Control Mode	Manual mode, built-in effects, DMX512, voice-activated
DMX Channel	6CH / 9CH / 36CH / 41CH
Display	LCD display + four light touch buttons
Power Connection	Power IN / OUT
Signal Connection	3 Pin DMX IN / OUT
Enclosure	Flame-retardant engineering-grade plastics

Lighting Performance

The fixture uses 1296 pcs RGBW SMD5050 LEDs to deliver strong strobe flashes and dynamic visual effects. Its RGBW architecture provides more flexibility than conventional white-only strobes, enabling both bright lightning-style flashes and color-enhanced atmospheric effects.

Typical lighting effects include:

- Lightning simulation

- Explosion flash
 - Shock pulse effects
 - Atmosphere enhancement
 - Synchronized cinematic scene accents
-

Control and Operation

The ENT-4D-PULSE supports multiple operating modes for different application needs:

- **Manual Mode** for direct standalone control
- **Built-in Effects** for quick setup and playback
- **DMX512 Mode** for professional show programming
- **Voice-Activated Mode** for sound-responsive operation

Selectable DMX channel modes (6CH / 9CH / 36CH / 41CH) allow the fixture to be integrated into both simple and advanced lighting systems.

Interface and Connectivity

The unit is equipped with convenient control and installation features:

- **LCD display** for menu and setting access
- **Four light touch buttons** for user operation
- **Power IN / OUT** for easy power distribution
- **3-pin DMX IN / OUT** for signal daisy-chaining

These features make the product suitable for theater lighting systems, immersive venues, and professional show installations.

Construction

The housing is made from **flame-retardant engineering-grade plastic**, providing:

- Improved safety for commercial use
 - Lightweight fixture construction
 - Durable structure for long-term operation
 - Practical installation in indoor entertainment environments
-

Applications

- 4D Cinema
 - 5D Cinema
 - Motion simulation theater
 - Immersive entertainment venues
 - Theme park attractions
 - Special effects lighting systems
 - Stage and event environments
-

Technical Advantages

- High-density RGBW LED design
 - Strong visual impact for immersive scenes
 - Flexible control options
 - Professional DMX compatibility
 - Easy-to-operate LCD interface
 - Safe and durable enclosure construction
-



TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD

TWT reserves the right to change products' dimensions and specifications without notice.

TWT APPLIED TECHNOLOGY AND SERVICES PTE LTD reserves the ultimate right to the interpretation of this catalogue.

ADDRESS: 71 BUKIT BATOK CRESCENT
#09-04 PRESTIGE CENTRE SINGAPORE
658071

EMAIL: info@twt-technology.sg