

AQ-TC01 - Aquarium LED lighting controller, 12-24 V DC

Reference: AM9160

EAN13: -

HS code: 85395200



Product attributes:

Product features:

Input voltage: 12-24 V DC

Performance: 240 W

Waterproof grade: IP20

Max. current: 20 A

Product description:

The AQ-TC01 programmable time controller is designed for intelligent control of aquarium LED lighting. It allows for simulation of the natural daily cycle, smooth dimming and lighting of individual light circuits and automatic changes of light scenes within 24 hours. Thanks to eight independent output channels, it provides high flexibility in controlling various types of LED lights in aquariums and other decorative applications.

Technical specifications

- Model: AQ-TC01
- Supply voltage: 12-24 V DC
- Number of output channels: 8
- Maximum current per channel: 3 A
- Total maximum power: 240 W
- Recommended load power: 120-240 W
- Load type: LED lighting 12-24 V DC (constant voltage)
- Control: time programs, manual buttons
- Housing material: ABS plastic
- Color: white
- Dimensions: 105 x 72 mm
- Power supply: DC
- Weight: 145g
- Protection: IP20

Functions and features

- Day cycle simulation (dawn, day, dusk, night)
- 24-hour time program with multiple lighting modes
- Continuous dimming and brightness control of individual channels
- 8 independently controlled outputs for different LED circuits
- Clear LCD display with current time and channel status
- Control via integrated buttons
- Possibility of configuring and uploading programs using a USB drive
- Support for time synchronization and quick upload of settings

Ideal for

- Aquarium LED lighting control
- Simulating natural light conditions for fish and plants
- DIY LED projects with time control
- Decorative and thematic lighting with multiple light channels

Package contents

- 1x aquarium time LED controller AQ-TC01
- 1x USB drive with configuration software
- 1x USB Type-C cable
- Mounting and connection accessories

Why choose this product?

- Precise and automatic lighting control without the need for manual intervention

- High flexibility thanks to 8 channels and individual settings
- Smooth light transitions that are gentle on animals and plants
- Easy configuration and intuitive operation
- Reliable solution for long-term operation of aquarium lighting

