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# TWIN HEAD TRIO CLIP-ON LIGHT

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The Twin Head Trio allows for a clear view of the conductor with two separate heads which can be positioned by the flexible gooseneck. The Trio gives more light, of better quality and with greater control than any other music stand light on the planet. The Trio is the face of a complete music stand lighting system which provides every conceivable option for control and power delivery.



**RAT**stands

#### 1. Clips to almost any music stand

Connects to almost any music stand by attaching to the top edge of the tray and is secured by two thumb screws, one at each end of the unit.

#### 2. High Quality LEDs

32 state of the art low voltage LEDs give exceptionally bright and even illumination over the entire score. LEDs are virtually indestructible and never wear out, so you will never again have to change a bulb in the middle of a performance.

#### 3. Minimum Light Spillage

Two separate heads both with very slim housing do not obstruct the musician's view of the conductor. Precision light guides ensure excellent cut off of the light resulting in minimal light spillage.

#### 4. Colour and Brightness Control

Colour temperature of the light can be varied between 2700K and 4000K. Brightness and colour temperature can be controlled by the musician (using the thumb wheels on the lamp), or by the lighting desk. Control by the lighting desk has priority over control by the musician.

#### 5. Low Voltage

Reduced power consumption and consequent reduction in air conditioning load means using this light is environmentally friendly. Over the lifetime of the product lower electricity bills and the absence of bulb replacements costs will repay your initial investment. Runs off a 24V power supply for electrical safety.

#### 6. Mains or Battery Powered

Can be powered by batteries, or by mains power using the appropriate PSU – see power supplies. When powered by batteries, the light progressively warns the user when the battery is running low, giving plenty of time to change the battery without plunging the musician into darkness. When powered by the PSU, lights can be connected to the PSU in a star configuration or in a daisychain.

#### 7. XLR Daisychaining

When powered by the PSU, lights can be connected to the PSU in a star configuration or in a daisychain.

#### 8. Powerline Control

Control by the lighting desk can be by Powerline Control (when powered by our DMX PSU) or by the optional radio receiver (when powered by battery). Under Powerline Control, the optional Zone Control System enables lights to be assigned to 8 different groups each with its own DMX address for brightness.

#### 9. Radio Control

With the optional Radio receiver, each light can be assigned its own unique DMX address for colour and brightness.

#### 10. Cable Management

A coiled cable from the lamp to ground level enables the stand height to be adjusted without detaching the cable from its hook at the base of the stand.



# TWIN HEAD TRIO LIGHT

Detailed specification



## Specifier's description

Universal music stand light with two lamp heads on a gooseneck Slim aluminium housing, 16mm thick, containing 32 LEDs with a variable colour temperature between 2700-4000K. Low voltage light which can be powered by battery or mains power in

conjunction with the correct PSU. Provision to adjust brightness and colour temperature on the light or is overridden remotely by an appropriate PSU.

Construction	
Structural parts	Steel
Lamp housing	Extruded aluminium
Cable type	Coiled cable with PU outer sheath
Electrical connector type	Customised 2-pin XLR plug

Optical characteristics	
Colour temperature	2700-4000K
CRI	80 min
Life of LEDs to 70% of initial output (L70)	60,000hrs
Light intensity at mid-point of an A4 score	775-825 lux (Warm white - cool white)
Luminous flux from LEDs	450 lm

Electrical characteristics	
SELV (Safety extra low voltage)	YES
Class II insulation (double insulated)	NO
Operating voltage	18-28V
Electrical power consumption	6.6W
Circuit luminous efficacy	68 lm/W

General	
Commercial use warranty	2 years
Applicable standards	EN55022 EN60598 EN60529
IP rating	IP32
RATstands part number	73Q80