

STAGE



CLUB



EVENT



www.multiform-lighting.com

**LIGHTING
2022**

 **MULTIFORM**

COMPANY

CONCEPT

MULTIFORM is part of Universal Technical Industries Limited, and covers the entertainment lighting market for mobile and small installation applications. MULTIFORM products aim to strike the perfect balance of features, performance, cost and durability while being extremely easy to operate. MULTIFORM products are sold through a multi-tier distribution network to provide the best possible local support, and are available from selected rental partners as well.

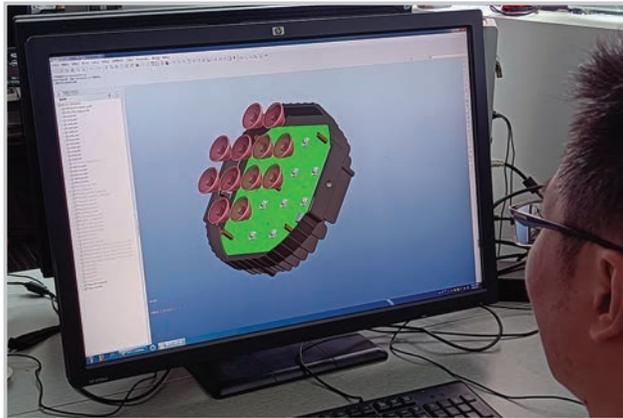
GALLERY

ABILITIES

The MULTIFORM team sports vast experience in lighting fixture design for archtainment applications. Whether mechanical design for road readiness, thermal design for longevity, optical design for defined colour mixing and software design for ease of usability, our expert engineers cover every aspect. World-class manufacturing in our own factory with latest SMT machinery, as well as automatic testing grant consistent quality for every MULTIFORM product.

MISSION

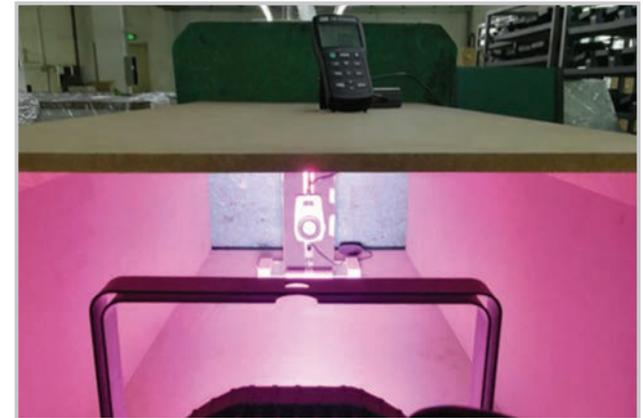
We aim to make every MULTIFORM product the best choice for its intended application, in feature set, ease of operation, customer support and regulatory as well as environmental compliance. Choosing MULTIFORM for your archtainment lighting application or installation shall provide you with a well-designed product, assembled to the best industry practices, compliant with your local regulations and backed by the support of qualified MULTIFORM network partners.



● **ENGINEERING** - the foundation of any good product.



● **PCB POPULATION** - the best equipment for the best results.



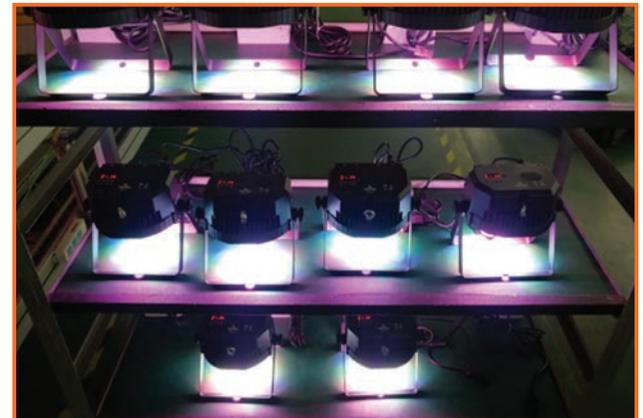
● **PERFORMANCE TEST** - 100% parametric testing



● **MATERIAL CONTROL** - making sure its the right LED.



● **PSU POWER CYCLE TEST** - on and off a thousand times



● **AGEING TEST** - nothing can beat test time!

MULTIPIN™-6A-V3

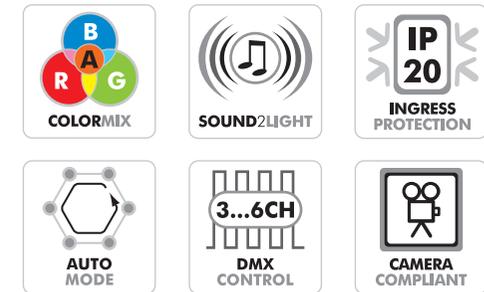
FIXTURE - SPOT

PRODUCT

The MULTIPIN™-6A-V3 builds on the 3rd generation of Multiform's well-known original Multispot, providing an even smaller form factor. It stays true to the concept of a real flat fixture, which includes that all connections are made in parallel to the rear panel. Cooling is executed purely by noiseless convection, with the air stream passing through between the LED panel body and the electronics compartment, providing best-in-class cooling and hence extended LED lifetime. The 4-chip LEDs grant inherently smooth colour mixing with wide colour spectrum and only run at half of their rated power, again for the sake of reliability. The diecast body provides extreme ruggedness, and the dual bracket allows hanging or floor standing use. Adding the industrial grade switch mode power supply, there is hardly any fixture offering this light output, versatility and durability from such small footprint.

FEATURES

- 6x MultiQuad 4-in-1 RGBA LEDs
- Chip peak 3W, operated at 1W, max. 1575lm
- PDM modulation (camera compliant)
- Modes: Static (14 preset colours), Pattern (20 presets, chase/fade, sound to light), strobe
- 4 DMX control modes with combined or separated dimmer/strobe channels; 3CH mode with 4C colour emulation
- CDA™ Current Drive Array Technology for constant LED current regulation
- PMMA lenses, 15 degree dispersion angle
- 25W Industrial grade switch mode PSU
- IEC C14 power input and IEC13 power link
- 3-pin XLR sockets for DMX in- and output
- 4 buttons + LED display user interface
- Noiseless convection cooling
- Diecast body with M6 security lug
- Multi-purpose dual split bracket
- CE/ROHS compliant



TECHNICAL

LED configuration.....6pcs. 4W RGBA 4-in-1
 Optics.....Secondary, PMMA, 15 degrees
 DMX Control & protocol.....3-6 Channels
 Control protocol.....DMX 512 (1990)
 IP Rating.....20 (indoor)
 Mains Input.....AC100-250V~ 50/60Hz
 Power supply type.....Switch Mode (wide range)
 Max. power consumption (avg).....19W
 Cooling.....convection
 Main body material.....diecast
 PSU cover material.....ABS
 Dimensions (with straight bracket) WxHxD:
145 x 195 x 94 mm
 Bracket type.....dual/split
 Weight.....1.55 kg

LOGISTICS

Order Number.....1005601
 Single unit EAN-13.....5060502925008
 Single Carton size.....WxDxH 235x235x135mm
 Single Carton gross weight.....2.00 kg
 Units per master carton.....8
 Master carton size.....WxDxH 570x495x260mm
 Master carton gross weight.....17.2 kg

FIXTURE - SPOT

MULTISPOT™-12A-V3

FIXTURE - SPOT

PRODUCT

The MULTISPOT™-12A-V3 is the third generation of Multiform's well-known original Multispot, itself the "father" of all flat PAR LED spots. It stays true to the concept of a real flat fixture, which includes that all connections are made in parallel to the rear panel. Cooling is executed purely by noiseless convection, with the air stream passing through between the LED panel body and the electronics compartment, providing best-in-class cooling and hence extended LED lifetime. The 4-chip LEDs grant inherently smooth colour mixing with wide colour spectrum and only run at half of their rated power, again for the sake of reliability. The diecast body provides extreme ruggedness, and the dual bracket allows hanging or floor standing use. Adding the industrial grade switch mode power supply, this is a merited successor to a line of stage lighting workhorses.

FEATURES

- 12x MultiQuad 4-in-1 RGBA LEDs
- Chip peak 3W, operated at 1W, max. 3150lm
- PDM modulation (camera compliant)
- Modes: Static (14 preset colours), Pattern (20 presets, chase/fade, sound to light), strobe
- 4 DMX control modes with combined or separated dimmer/strobe channels; 3CH mode with 4C colour emulation
- CDA™ Current Drive Array Technology for constant LED current regulation
- PMMA lenses, 15 degree dispersion angle
- 50W Industrial grade switch mode PSU
- IEC C14 power input and IEC13 power link
- 3-pin XLR sockets for DMX in- and output
- 4 buttons + LED display user interface
- Noiseless convection cooling
- Diecast body with M6 security lug
- Multi-purpose dual split bracket
- CE/ROHS compliant



Rear View



Industrial-grade PSU



MultiQuad LEDs



TECHNICAL

LED configuration.....12pcs. 4W RGBA 4-in-1
 Optics.....Secondary, PMMA, 15 degrees
 DMX Control & protocol.....3-6 Channels
 Control protocol.....DMX 512 (1990)
 IP Rating.....20 (indoor)
 Mains Input.....AC100-250V~ 50/60Hz
 Power supply type.....Switch Mode (wide range)
 Max. power consumption (avg).....36W
 Cooling.....convection
 Main body material.....diecast
 PSU cover material.....ABS
 Dimensions (with straight bracket) WxHxD:
180 x 230 x 94 mm
 Bracket type.....dual/split
 Weight.....2.15 kg

LOGISTICS

Order Number.....1005701
 Single unit EAN-13.....5060502925015
 Single Carton size.....WxDxH 265x285x135mm
 Single Carton gross weight.....2.65 kg
 Units per master carton.....6
 Master carton size.....WxDxH 600x435x290mm
 Master carton gross weight.....17.0 kg

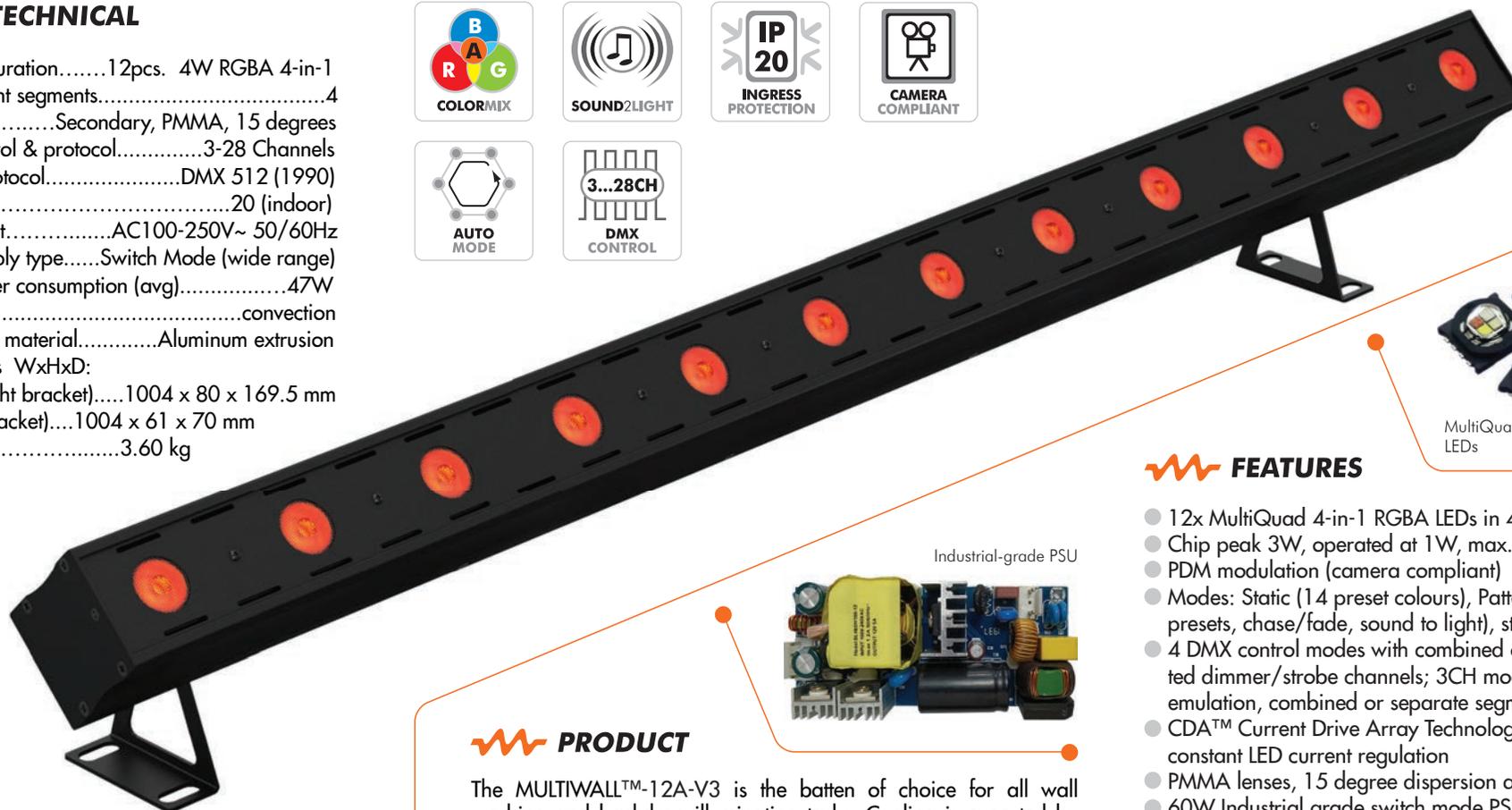
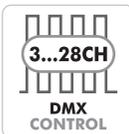
FIXTURE - SPOT

MULTIWALL™-12A-V3

FIXTURE - STRIP

TECHNICAL

LED configuration.....12pcs. 4W RGBA 4-in-1
 Independent segments.....4
 Optics.....Secondary, PMMA, 15 degrees
 DMX Control & protocol.....3-28 Channels
 Control protocol.....DMX 512 (1990)
 IP Rating.....20 (indoor)
 Mains Input.....AC100-250V~ 50/60Hz
 Power supply type.....Switch Mode (wide range)
 Max. power consumption (avg).....47W
 Cooling.....convection
 Main body material.....Aluminum extrusion
 Dimensions WxHxD:
 (with straight bracket)....1004 x 80 x 169.5 mm
 (without bracket)....1004 x 61 x 70 mm
 Weight.....3.60 kg



MultiQuad LEDs

FEATURES

- 12x MultiQuad 4-in-1 RGBA LEDs in 4 segments
- Chip peak 3W, operated at 1W, max. 3150lm
- PDM modulation (camera compliant)
- Modes: Static (14 preset colours), Pattern (20 presets, chase/fade, sound to light), strobe
- 4 DMX control modes with combined or separated dimmer/strobe channels; 3CH mode with 4C emulation, combined or separate segments
- CDA™ Current Drive Array Technology for constant LED current regulation
- PMMA lenses, 15 degree dispersion angle
- 60W Industrial grade switch mode PSU
- IEC C14 power input and IEC13 power link
- 3-pin XLR sockets for DMX in- and output
- 4 buttons + LED display user interface
- Noiseless convection cooling
- Metal body, M6 security lug & 2xM10 threads
- Multi-purpose brackets (inner/outer mounting)
- CE/ROHS compliant

Rear View

PRODUCT

The MULTIWALL™-12A-V3 is the batten of choice for all wall washing and backdrop illumination tasks. Cooling is executed by noiseless convection, with the air stream passing through bottom-to-top, providing best-in-class cooling and hence extended LED lifetime. The 4-chip LEDs are arranged in 4 independent segments and grant smooth colour mixing with wide colour spectrum and only run at half of their rated power, for the sake of reliability. The full metal body provides extreme ruggedness, and offers multiple mounting points for the provided brackets or optional truss couplers.



Industrial-grade PSU



LOGISTICS

Order Number.....1006501
 Single unit EAN-13.....5060502925022
 Single Carton size...WxDxH 1050x120x155mm
 Single Carton gross weight.....4.30 kg
 Units per master carton.....4
 Master carton size WxDxH...1075x510x180mm
 Master carton gross weight.....19.2 kg

FIXTURE - STRIP

INTUCON™-LC400H2/F2

CONTROLLER - DMX

LOGISTICS

Order Number.....1006601
 Single unit EAN-13.....5060502925039
 Single Carton size.....WxDxH 435x275x95mm
 Single Carton gross weight.....2.05 kg
 Units per master carton.....4
 Master carton size.....WxDxH 455x410x300mm
 Master carton gross weight.....10.1 kg



LC400H2 Controller with LC400F2 Foot Remote



Mic Stand Clamp



Rear Panel



PRODUCT

The INTUCON™-LC400 lighting control system consists of a compact desktop control unit with mic stand mounting clamp, and a sturdy metal remote foot controller for hands-free operation. It allows any performer to effortlessly and automatically control impressive light shows without any knowledge of DMX programming. The easy-to-use, pre-programmed operation offers highly diversified light chases which can interact with strobes, all-on lights, or black outs to add dramatic effects instantly or cater for different moods. There are over 30 chases to choose from via backlit, on-the-fly, real-time controls. Tap Tempo and Audio Input options can sync lights to the music beat, while Color Fade and Cycle modes provide the illusion of having a lighting professional at the controls, keeping the show fresh by cycling through various programs.

FEATURES

- Controls 4 fixture groups with a max. of 7 DMX channels per group
- 4 Modes: Chasing, All On (Scene), Strobe, Blackout (All Off)
- 30 patterns and 20 color combinations (moods) in chase & scene mode
- Switching or fading pattern step transition selectable for chase mode
- Set-and-forget Cycle Mode for a fully automated experience
- Speed in chase mode selectable to be a fixed setting or controlled via music; music input either by on-board microphone or external input
- Strobe speed adjustable
- Master brightness adjustable (dimmer)
- 16x2 Backlit LCD display and backlit buttons for all switched functions
- Built-in mic stand clamp for standard 11mm stand tubing
- All-metal foot switch for preset up/down, all-on, strobe and blackout
- 9V external AC-DC power supply required (included in delivery)

TECHNICAL

Protocol.....DMX-512 USITT
 Output.....3-pin XLR female socket
 [pin 1 shield, pin 2 (-), pin 3 (+)]
 Audio Input.....6.35mm unbal TS, line level
 Controller-Remote.....6.35mm TRS, 2m
 Power.....9VDC, 1000mA (Center Pin Positive)
 Power supply.....Wall plug switch mode
 Controller WxHxD158 x 125 x 60 mm
 Controller Weight.....0.50 kg
 Foot Remote WxHxD.....380 x 82 x 53 mm
 Foot Remote Weight.....0.90 kg

CONTROLLER - DMX

MULTIFACE™ UW-1



Front Panel



Rear Panel

PRODUCT

The MULTIFACE™-UW-1 is a USB-to-DMX interface for professionals. As such, it adds two key advantages to generic USB/DMX interfaces/dongles. One being the MCU-based frame buffer which makes sure that regardless of USB transfer rates or bus activity the DMX signal is always timed correctly and consistently. The other is full galvanic isolation of the DMX bus, making sure your connected PC is protected at any time. The UW-1 allows for common unidirectional data traffic as well as for bidirectional data traffic, thus enabling RDM and software updates over DMX with suitable connected devices. An internal termination makes sure that the DMX-bus works reflection-free. The full metal housing and the rubber bumper corners grant ruggedness. If absolute robust DMX single-universe DMX data is required, this is the choice.

FEATURES

- Single-universe (512 channels) USB-to-DMX interface
- Entirely bus-powered, no external power supply needed
- MCU-based frame buffer for consistent and correctly timed DMX output
- Galvanic isolation of both power and data lines
- Unidirectional mode with the female XLR DMX socket sending data and the male XLR DMX socket receiving data simultaneously
- Bidirectional mode for RDM, RS485 device control or updates-over-DMX with data sent and received both through the female XLR output
- USB 2.0 connection based on FTDI FT245RL, using commonly available USB drivers and granting wide software compatibility
- 3-pin XLR connectors with locking female output connector
- Additional RJ45 connector for generic RS485 connection
- Sturdy all-metal case with rubber bumpers incl. truss tube cavities

TECHNICAL

Protocol.....DMX-512 USITT (single universe)
 Out-/Input.....3-pin XLR female/male socket
 [pin 1 shield, pin 2 (-), pin 3 (+)]
 Power supply.....USB bus-powered
 Size WxHxD121 x 53.5 x 127.5mm
 Weight.....0.45kg

LOGISTICS

Order Number.....1007301
 Single unit EAN-13.....5060502925046
 Single Carton size.....WxDxH 190x225x80mm
 Single Carton gross weight.....0.70kg
 Units per master carton.....8
 Master carton size.....WxDxH 400x340x250mm
 Master carton gross weight.....6.50kg

MULTILINK™ UA-1



Front Panel



Rear Panel

PRODUCT

The MULTILINK™-UA-1 is a wireless USB-to-DMX interface which works in the license-free 2.4GHz ISM band. The unit can replace cabling up to 100m line of sight. For extended flexibility, a variety of wireless protocols is available. This includes both generic protocols as well as the common W-DMX G3 control, catering for different requirements in terms of number of connected devices and connection stability. An external antenna optimizes the usable range. The unit is entirely bus powered through the connected PC and hence does not need any other power supply. The sturdy metal case features 4 rubber corners with cavities for standard 35mm truss tubing, allowing the unit to be mounted to truss or tripods via Velcro straps. Unlike semi-professional USB dongles, this unit is build to last.

FEATURES

- USB-to-wireless DMX bridge, operating in the 2.4GHz ISM band
- Selectable connection protocols: pairing/non-pairing
- Non-pairing protocols: Generic (7 groups), Wi-DMX (6 groups)
- Pairing protocols: W-DMX G3/G4
- Frequency range: 2.402-2.480 GHz (ISM-band, license-free)
- Spread spectrum: FHSS, 1100 hops/sec; modulation: GFSK
- Maximum transmission power: 23dBm
- Operation: 100m line of sight, external antenna for extended range
- Fully USB bus powered
- USB 2.0 connection based on FTDI FT245RL, using commonly available USB drivers and granting wide software compatibility
- LEDs for power and data traffic
- Sturdy all-metal case with rubber bumpers incl. truss tube cavities

TECHNICAL

Protocol.....DMX-512 USITT (single universe)
 Out-/Input.....3-pin XLR female/male socket
 [pin 1 shield, pin 2 (-), pin 3 (+)]
 Power supply.....USB bus-powered
 Size WxHxD121 x 53.5 x 127.5mm
 Weight.....0.45kg

LOGISTICS

Order Number.....1007201
 Single unit EAN-13.....5060502925053
 Single Carton size.....WxDxH 190x225x80mm
 Single Carton gross weight.....0.70kg
 Units per master carton.....8
 Master carton size.....WxDxH 400x340x250mm
 Master carton gross weight.....6.50kg

MULTILINK™ TA-1



Front Panel



Rear Panel

PRODUCT

The MULTILINK™-TA-1 is a wireless DMX bridge which works in the license-free 2.4GHz ISM band and can be configured both as a transmitter and a receiver. Two units can hence be set up to replace cabling up to 100m line of sight. For extended flexibility, a variety of wireless protocols is available. This includes both generic protocols as well as the common W-DMX G3 control, catering for different requirements in terms of number of connected devices and connection stability. An external antenna optimizes the usable range. Due to the internal wide-range power supply, the unit can easily be integrated in professional setups, much unlike products using external power supplies. The sturdy metal case features 4 rubber corners with cavities for standard 35mm truss tubing, allowing the unit to be mounted to truss or tripods via Velcro straps.

FEATURES

- Wireless DMX bridge operating in the 2.4GHz ISM band
- Selectable connection protocols: pairing/non-pairing
- Non-pairing protocols: Generic (7 groups), Wi-DMX (6 groups)
- Pairing protocols: W-DMX G3/G4
- Frequency range: 2.402-2.480 GHz (ISM band, license free)
- Spread spectrum: FHSS, 1100 hops/sec; modulation: GFSK
- Configurable as transmitter or receiver
- Maximum transmission power: 23dBm
- Receiver sensitivity: -94dBm
- Operation range: 100m line of sight
- AC mains power via internal wide-range switch mode power supply
- 3-pin XLR connectors with locking female output connector
- Sturdy all-metal case with rubber bumpers incl. truss tube cavities

TECHNICAL

Protocol.....DMX-512 USITT (single universe)
 Out-/Input.....3-pin XLR female/male socket
 [pin 1 shield, pin 2 (-), pin 3 (+)]
 Power supply.....90-264V AC/50-60 Hz
 Size WxHxD121 x 53.5 x 127.5mm
 Weight.....0.45kg

LOGISTICS

Order Number.....1007101
 Single unit EAN-13.....5060502925060
 Single Carton size.....WxDxH 190x225x80mm
 Single Carton gross weight.....0.70kg
 Units per master carton.....8
 Master carton size.....WxDxH 400x340x250mm
 Master carton gross weight.....6.50kg



 **MULTIFORM**

Designed, engineered and manufactured by
Universal Technical Industries Limited
Room 705, 7F, OPPE Building, Prince Edward
794-802 Nathan Road, Kowloon, Hong Kong

DISTRIBUTION BY
ADELTO

EUROPE:

Unit 4, Britannia Business Park, Comet Way
Southend-on-Sea, Essex, SS2 6GE, United Kingdom
sales_emea@adelto.com www.adelto.com

ASIA:

Rm.1110, Chao Lian Square, No.438, Da Bei Road, Shi Qiao Street
Pan Yu, Guangzhou, Guangdong Province, P.R China 511406
sales_apac@adelto.com www.adelto.com