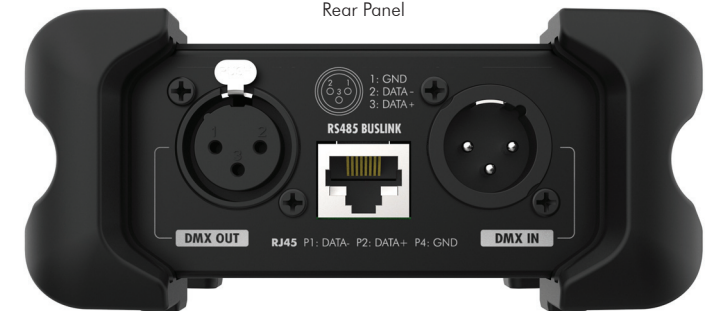


# MULTIFACE™ UW-1



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 WxHxD .....121 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