



## Features

- Buffers, isolates, splits, boosts
- Full 1KV galvanic isolation between input and 8 outputs
- Outputs fitted with RJ45s, Inputs in both 3 pin and 5 pin XLRs
- All output lines with DMX status indicators
- Amplification of DMX signal ensures even responsiveness in long cable runs
- Available in rackmount or hanging versions
- Voltage switch - 230V to 115V

## Technical Specifications

- **Power Supply:**  
Voltage 120VAC 60Hz or 230VAC 50Hz (switchable on rear)
- **Signal Input:**  
USITT DMX512 via XLR 5pin
- **Isolated Outputs:**  
8 x RJ45
- **Signal Through:**  
USITT DMX512 via XLR 5pin unbuffered
- **Line Termination:**  
120 Ohms when selected
- **Fixing:**  
M10 bolt or optional wall mounting bracket

## Overview

LightProcessor Buffers are designed to protect against DMX line faults, incorrect connections and earth loops. Additionally they offer a means of Y-splitting a DMX signal and boosting DMX signals in very long cable runs. Incoming DMX signals are split, buffered, isolated and boosted to four 1kV opto-isolated output channels. Note that some competing products are equipped with only one optoisolator, so that if the Buffer is called upon to operate, all downstream products will lose data. Since the LightProcessor Buffers have four separate, opto-isolated output channels, only products attached to the affected channel will lose data – clearly a major benefit!

Each output channel is fitted with a red and a green LED. These visual indicators mimic the activity of the data true and data invert DMX lines and flash rapidly during normal operation. Absence of this flashing in one LED indicates a fault on that line. No flashing of either LED gives a clue to the absence of DMX.

## Physical Characteristics



Weights:	Dimensions (mm)	Packaging Dimensions (mm)
Net: 4kg Gross: x kg	485 x 165 x 45	560 (L) 260(D) 100 (H)



ORDER CODE	DESCRIPTION
042-761RM	19" DMX Serial Data Distributor 3 & 5 pin version
042-761RM3	19" DMX Serial Data Distributor all 3 pin version
042-761RM5	19" DMX Serial Data Distributor all 5 pin version

**DMX**  
**512**  
**Range**

## Lightprocessor

20 Greenhill Crescent, Watford Business Park,  
Watford, Herts, WD18 8JA U.K.  
T: +44 (0)1923 698090 F: +44 (0)1923 698081  
E: info@lightprocessor.co.uk www.lightprocessor.co.uk