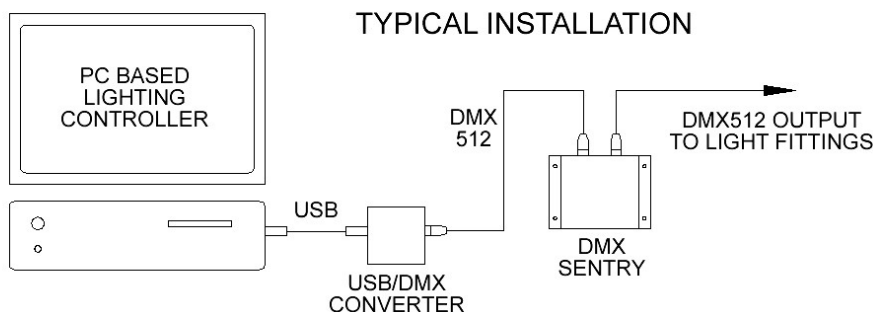# DMX SENTRY BACK-UP UNIT

The DMX Sentry is designed to provide a simple means of protecting a single DMX 512 Universe against failure of its main control system. Many lighting control systems are computer-based with a computer hidden away in an often hostile environment, receiving little or no maintenance. A sudden hardware failure would result in loss of the DMX signal and an end to any lightshow. This would be unthinkable, for example, in a crowded nightclub full of paying customers on a Saturday night.

The DMX Sentry is installed into the outgoing DMX line and used to record a copy of the DMX stream coming from the main controller for a period of time, typically about ten minutes, but capable of up to twenty-four hours. Should the main controller fail then the DMX Sentry can be either manually or automatically switched in and will play the recorded stream as a loop, keeping the show going.

The DMX Sentry can also be used as a stand-alone replay unit for applications requiring a repetitive DMX sequence.

Installation

The DMX Sentry should be located in a place near to the main controller and a 13A outlet. It is recommended that the unit be wall-mounted with screws through the holes in the mounting flanges. A 3-pin XLR lead is provided to link the main controller to the DMX input of the DMX Sentry. The original outgoing DMX line should then be connected to the DMX output of the DMX Sentry. For systems with 5-pin XLR outputs either 3 to 5-pin XLR converters will be required or the plugs will need to be swapped.

TYPICAL INSTALLATION

PC BASED LIGHTING CONTROLLER

DMX 512

DMX512 OUTPUT TO LIGHT FITTINGS

USB

USB/DMX CONVERTER

DMX SENTRY

Specifications

Dimensions	152 x 112 x 50 mm
Net Weight	550g
Gross Weight	800g
Supply	230V AC 50hz <1A
Main Fuse	1AT
DMX IP/OP	3-pin XLR Pin 1 Pin 2 Pin 3
	Common Data: Minus Data: Plus
Memory	Internal SD Card 2GB
Recording Time	24 hours +
Approvals	CE
Country of Origin	UK