

## DMPB Remote Mk2



### General Information

- The DMX Playback Remote Mk2 is an add-on for the DMX Playback Mk2 or DMX Streamer.
- It acts as a remote control to start one of the 12 shows. The remote has 6 switches and 1 shift key
- 6 opto-isolated screw terminal switch inputs on the rear of the rack and can be controlled using any infra-red remote.
- The remote is connected to the DMX Playback Mk2 using a single DB9 cable, no power supply is needed, this cable can be up to 5 meters long.

### Box Contents

- DMX PB Remote Mk2
- DB9 to DB9 male to female 1.8 metre cable
- 2 x Mounting brackets
- This User Manual

### Safety

- Do not expose the DMX PB Remote Mk2 to rain or moisture, doing this will void the warranty
- Do not remove the cover, there are no serviceable parts inside
- This unit is intended for indoor use only

### Features

- Start or Stop up to 12 different shows at the touch of a button
- Does NOT require external power source
- Infrared port for control with TV remote
- Simple RS232 connection to master device (DMX PlayBack Mk2 or DMX Streamer)
- 6 Show buttons and 1 shift key button
- Each button has a led indicator
- 6 opto- isolated screw terminal switch inputs at rear
- 2 LED status indicators(OK and ERR)

### Getting Started

1. Connect the DMX PB Remote Mk2 to either DMX Playback or DMX Streamer, using the supplied DB9 cable. Connect while they are switched off.
2. Power on the connected DMX Playback or DMX Streamer unit.
3. The ERR LED and the OK LED on the DMX PB Remote Mk2 will light. Then the ERR LED will go dark and the OK LED will light to indicate that the DMX PB Remote Mk2 is ready to use.
4. If the ERR LED remains lit, this indicates that the DMX PB Remote Mk2 cannot communicate with the connected DMX Playback or DMX Streamer. If this occurs, please check that the DB9 cable is connected and that the DMX Playback or DMX Streamer are fully functional.



## Starting a Show

- There are no settings to change, just press the button and the show starts.
- Pressing another button will stop the current show and start the selected one, it's that easy.
- Successive presses of any front panel button either turn on or turn off the LED next to the button.
- With the Shift Button LED dark, press one of the 6 Start Show Buttons to start one of the first 6 shows (1 through 6).
- With the Shift Button LED lit, press one of the 6 Start Show Buttons to start one of the second six shows (7 through 12).

## Infrared Remote Control (optional)

- This section is only applicable if the optional Infrared Remote Control, like those used with a TV or DVD player, will be used to start shows with.
- The DMX PB Remote Mk2 will only operate with an Infrared Remote Control that uses the "**Philips RC5**" communication protocol. Please refer to the Infrared Remote Control manual, to ensure that the Infrared Remote Control is programmed to "**Philips RC5**" mode.

## Learning Infrared Remote Control Keys

The front panel buttons can be programmed to operate off any available keys on the Infrared Remote Control.

1. Ensure the front panel button to be programmed has its LED off.
2. Hold down the front panel button until its LED flashes (this takes about 5 seconds), then release the front panel button.
3. Press the key on the Infrared Remote that you want to use to operate the front panel button.
4. The front panel button LED will stop flashing when the Infrared key has been successfully learnt

## Erasing Infrared Remote Control Key

This procedure stops the front panel buttons from being operated by any key on the Infrared Remote Control.

1. Ensure the front panel button to be programmed has its LED off.
2. Hold down the front panel button until its LED flashes (this takes about 5 seconds), then release the front panel button.
3. Once again, hold down the front panel button until its LED stops flashing (this takes about 5 seconds), then release the front panel button. This completes the erase operation.

## Starting a Show using Remote Control

- Successive presses of the assigned Infrared keys either turn on or turn off the LED next to the corresponding front panel button.
- With the Shift Button LED dark, press one of the 6 programmed Remote keys to start one of the first 6 shows (1 through 6).
- With the Shift Button LED lit, press one of the 6 programmed Remote keys to start one of the second six shows (7 through 12).

## Connector Pinouts

### Screw Terminal

- Pin 1: Gnd
- Pin 2: Start Show Input 1
- Pin 3: Start Show Input 2
- Pin 4: Start Show Input 3
- Pin 5: Start Show Input 4
- Pin 6: Start Show Input 5
- Pin 7: Start Show Input 6
- Pin 8: Gnd

To activate one of the Start Show inputs, make an electrical contact between the Start Show Input pin and the Gnd pin.



## Connector Pinouts

### RS232

- Pin 2: RX
- Pin 3: TX
- Pin 4: +5V
- Pin 5: Ground

## Physical Dimensions

Item	Value
Weight	1.76 lbs / 800 g
Shipped Weight	2.43 lbs / 1.1 Kg
Length	7.53" / 191 mm
Width	2.31" / 58.75mm
Height	1.75" / 44.5 mm

## Ordering Information

The DMX Playback Remote Mk2 and compatible products can be ordered from our website or through your ENTTEC dealer.

PN	Description
70027	DMX Playback Remote Mk2
70015	DMX Streamer
70014	DMX Playback Mk2

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