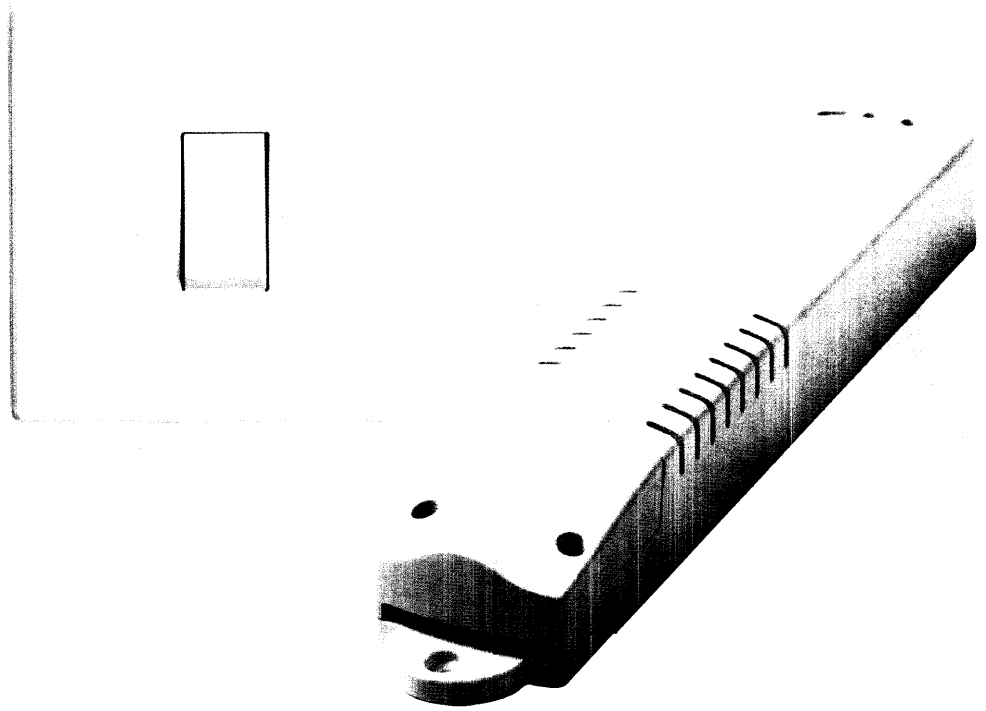


# **EXODUS**

## **smartswitch system**



**Wirefree Switching**

**Controls**

**Digital/FM**

**The Exodus Smartswitch System** is so adaptable, it can be employed in a wide range of applications. Existing buildings as well as new-build projects can benefit from its versatility.

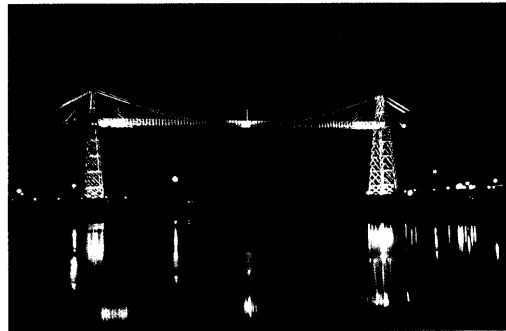
### **Commercial Offices**

During the building or refurbishment of offices, installation of the Exodus system will allow total flexibility in terms of lighting control point options - ideal for the inevitable office layout changes. When underfloor power and data systems are also installed, the result is the complete abolition of wall cabling.



### **External Remote Lighting**

Exodus can provide an excellent solution to the problem of wiring for external lighting/floodlighting. Lights rigged on one building and wired from a local power source can now be operated effectively from a separate building with no need for connecting cables.



### **Heritage Sites**

On heritage sites, in listed buildings or churches, conventional re-wiring can often be impractical and needs chasing in, surface wiring or unsightly trunking systems. The Exodus Smartswitch System offers an excellent alternative as the Exodus switch can be positioned on the wall, fixture or even furniture without the need for wiring in.



### **Domestic Lighting**

Both domestic rewiring and new-build can benefit greatly by installing this system. Positioning of Exodus switches is so versatile that they can even be temporarily or permanently placed on household furniture or fittings. Externally, detached garages and garden lighting can be controlled with ease.



# product range

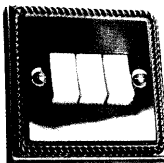
## Styles & Finishes Available

329910

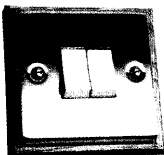
**White Plastic**  
Plain



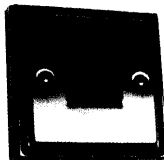
**Polished Brass**  
Georgian rope



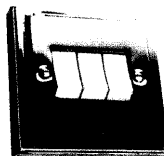
**Satin Brass**  
Victorian plain



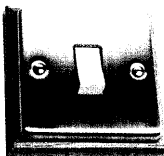
**Antique Bronze**  
Regency bead



**Polished Chrome**  
Sheraton stepped



**Satin Chrome**  
Victorian plain



**Hammered Black**  
Victorian plain



**Light Oak**  
Classical

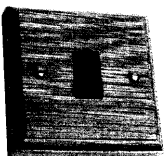
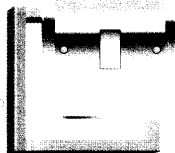


Illustration of base, collar & plate for metallic finishes only



- All Exodus Switches except white plastic come with a choice of white or brown rockers. To order add W or B
- All products can be bought in singles, but are transit packed in 5's.
- Enclosures & fittings for outdoor use of Exodus Receivers are available on request.

## PRODUCT DESCRIPTION

## PRODUCT CODE

### SWITCHES

#### White Plastic

|       |        |      |
|-------|--------|------|
| Plain | 1 gang | 5000 |
|       | 2 gang | 5001 |
|       | 3 gang | 5002 |

329910  
22  
34  
46  
58  
60

#### Polished Brass

|                  |        |      |
|------------------|--------|------|
| Georgian Rope    | 1 gang | 5003 |
|                  | 2 gang | 5004 |
|                  | 3 gang | 5005 |
| Regency Bead     | 1 gang | 5006 |
|                  | 2 gang | 5007 |
|                  | 3 gang | 5008 |
| Victorian Plain  | 1 gang | 5009 |
|                  | 2 gang | 5010 |
|                  | 3 gang | 5011 |
| Sheraton Stepped | 1 gang | 5012 |
|                  | 2 gang | 5013 |
|                  | 3 gang | 5014 |

#### Satin Brass

|                 |        |      |
|-----------------|--------|------|
| Victorian Plain | 1 gang | 5015 |
|                 | 2 gang | 5016 |
|                 | 3 gang | 5017 |

#### Antique Bronze

|                  |        |      |
|------------------|--------|------|
| Georgian Rope    | 1 gang | 5018 |
|                  | 2 gang | 5019 |
|                  | 3 gang | 5020 |
| Regency Bead     | 1 gang | 5021 |
|                  | 2 gang | 5022 |
|                  | 3 gang | 5023 |
| Victorian Plain  | 1 gang | 5024 |
|                  | 2 gang | 5025 |
|                  | 3 gang | 5026 |
| Sheraton Stepped | 1 gang | 5027 |
|                  | 2 gang | 5028 |
|                  | 3 gang | 5029 |

#### Polished Chrome

|                  |        |      |
|------------------|--------|------|
| Victorian Plain  | 1 gang | 5030 |
|                  | 2 gang | 5031 |
|                  | 3 gang | 5032 |
| Sheraton Stepped | 1 gang | 5033 |
|                  | 2 gang | 5034 |
|                  | 3 gang | 5035 |

#### Satin Chrome

|                 |        |      |
|-----------------|--------|------|
| Victorian Plain | 1 gang | 5036 |
|                 | 2 gang | 5037 |
|                 | 3 gang | 5038 |

#### Hammered Black

|                 |        |      |
|-----------------|--------|------|
| Victorian Plain | 1 gang | 5039 |
|                 | 2 gang | 5040 |
|                 | 3 gang | 5041 |

#### Light Oak

|           |        |      |
|-----------|--------|------|
| Classical | 1 gang | 5042 |
|           | 2 gang | 5043 |
|           | 3 gang | 5044 |

### RECEIVERS

#### On/Off Receiver

|                           |      |
|---------------------------|------|
| For On/Off control to 6AX | 7000 |
|---------------------------|------|

#### Resistive Dimming Receiver

|   |      |
|---|------|
| For On/Off & Resistive Dimming control to 250VA | 7001 |
|---|------|

#### Digital Dimming Receiver

|  |      |
|--|------|
| For control of Digitally Dimmable Ballasts | 7002 |
|--|------|

71  
83  
95

### ACCESSORIES

#### FM Antenna Extension

8000

5 metre lead

#### Twin Battery Pack

|                        |      |
|------------------------|------|
| 2x1/2 AA LTC Batteries | 8001 |
|------------------------|------|

## Addressing The Switch & Receiver

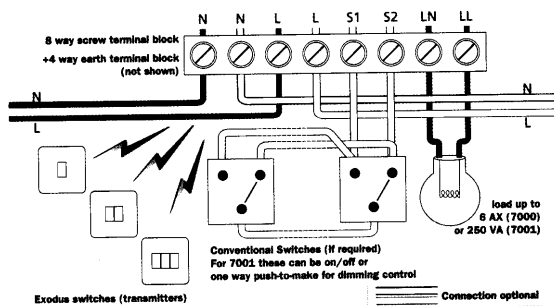
INITIAL ADDRESSING of the switch or switches to the receiver is a quick and easy process and involves use of a Mode Button on the receiver and the Switch Rocker.

- Simply press the Mode Button to switch the receiver into learn mode.
- Press the Switch Rocker twice and an LED on the receiver will flash.
- The receiver is now programmed to the switch whose identity is stored in its memory.
- For further switches simply repeat the above process.

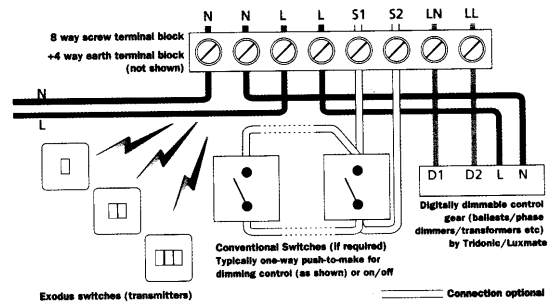
FUTURE ADDRESSING of extra switches or re-addressing of initial switches can be undertaken by use of switches only - thus avoiding the need for loft or ceiling void access.

In an installation with Tridonic control gear, the Exodus Digital Dimming Receiver generates Tridonic digital control commands (DSI). These commands are in the form of an 8 bit Manchester code signal that is transmitted from the Exodus receiver to the Tridonic control gear via a control bus. In response to the DSI commands the control gear both switches and dims the lamps.

## Receiver Wiring Diagrams 7000/7001 On/Off and Resistive Dimming Variants



## 7002 Digital Dimming Variant



## Switch Data

|  |                                     |
|--|-------------------------------------|
| • Dimensions: W x H x D (mm)                     |                                     |
| White only                                       | 86 x 86 x 21                        |
| Decorative Finishes                              | 95 x 95 x 21                        |
| • Alternative Mounting Options:                  |                                     |
| Contact adhesion to wall or furniture            | double sided tape supplied          |
| Surface wall mounting                            | No.6 screws & plugs supplied        |
| Retrofit to backbox - 60.3mm centres             | M3.5 screws supplied                |
| • Manufactured to the highest quality standards: |                                     |
| Plastic  | flame retardant polycarbonate       |
| Light Oak  | varnished natural wood              |
| Brass & Chrome }                                 | lacquered for durability            |
| Antique Bronze }                                 |                                     |
| Hammered Black }                                 |                                     |
| • Rated Temperature Range:                       | -10C to +40C                        |
| • 10 Year Guaranteed Battery Life:               |                                     |
| 2 x 1/2 AA Lithium Cells                         | supplied fitted<br>user replaceable |

## Receiver Data

|  |                               |
|--|-------------------------------|
| • Dimensions: L x H x W (mm)                     |                               |
| Without Antenna                                  | 270 x 35 x 46                 |
| With Antenna (supplied)                          | 395 x 35 x 46                 |
| • Mounting:                                      |                               |
| Fitted to wall/joist near lamp unit              | No.6 screws & plugs supplied  |
| • Manufactured to the highest quality standards: |                               |
| Plastic Casing                                   | flame retardant polycarbonate |
| • Rated Temperature Range:                       | -10C to +40C                  |

## Individual Receiver Data

| Variant                | Rated Load     | Output                               | Overload Protection           |
|------------------------|----------------|--------------------------------------|-------------------------------|
| 7000 On/off            | 6 AX           | Switched load<br>On/Off              | Via 6A mains breaker or fuse  |
| 7001 Resistive Dimming | 250VA          | Phase controlled<br>On/Off & dimming | Thermal with automatic re-set |
| 7002 Digital Dimming   | Not applicable | 12v, 8 bit, DSI<br>control signal    | Not applicable                |

**PRODUCT QUALITY**

**Exodus Electronic Limited** designs and manufactures all its products in the UK and has UK and European Patents pending across the range. All products are CE marked, having been fully tested to the relevant EMC and safety standards by an independent UK test house.

**Switches** ETS 300 683:1997 Class 1

**Receivers** BS EN 60669

**FOR ALL SALES AND TECHNICAL QUERIES CONTACT OUR OFFICE**

By Telephone on **01600 719 444**

By Fax on **01600 716 744**

By Email at **info@exodus-electronic.com**

**FOR MORE INFORMATION, VISIT OUR WEB SITE**

**www.exodus-electronic.com**

**Focus**

Exodus Switch styles & finishes complement the wide range of traditional switches & sockets supplied by

**Focus Electrical Ltd.**

Tel: **01323 842 333** Fax: **01323 842 127**

**TRIDONIC**

The Exodus Digital Dimming Receiver is fully compatible with Tridonic's digitally dimmable control gear - a range of high frequency electronic ballasts for compact and linear fluorescents as well as low voltage transformers and phase cutting dimmers rated upto 1000 VA.

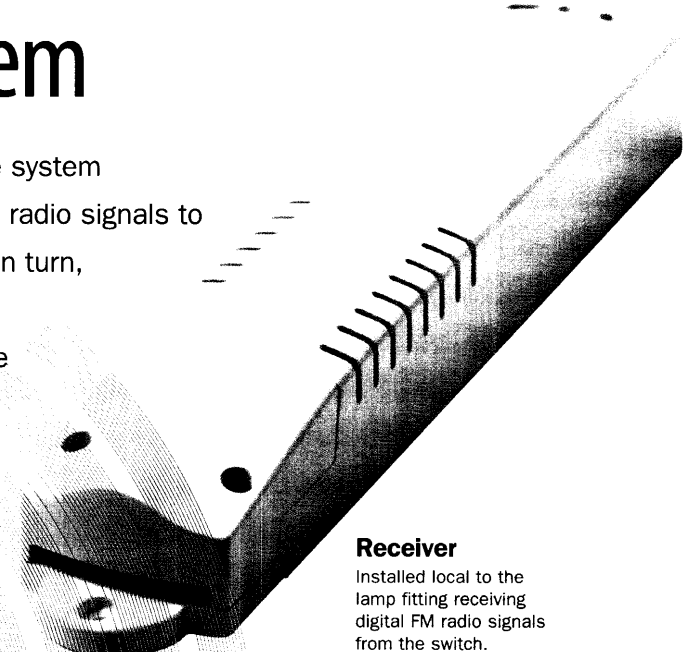
Tel: **01256 374 300** Fax: **01256 374 200**

**EXODUS**  
**smartswitch system**

**Exodus Electronic Limited**  
Singleton Court, Wonastow Road,  
Monmouth NP25 5JA

# EXODUS smartswitch system

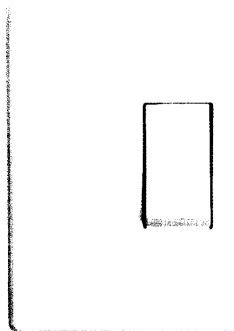
**Exodus Smartswitch** is a new and unique system consisting of Wirefree Switches transmitting FM radio signals to Receivers placed in lofts or roof voids. These, in turn, are wired to light fittings to provide On/Off or dimming control. With no cables required to the switches, the system affords a quick, flexible, cost effective and attractive installation with no 'making good' or redecoration required nor the need for unsightly wires or trunking systems.



#### Receiver

Installed local to the lamp fitting receiving digital FM radio signals from the switch.

*This is on my page*



#### Switch (Transmitter)

Transmits digital FM radio signals to receiver situated local to the lamp fitting.

#### ● FLEXIBLE

|   |  |
|---|--|
| Comprehensive range of receivers<br>On/off, resistive & digital dimming | For all lamp types<br>Linear & compact fluorescent<br>Mains & low voltage incandescent |
| Wirefree switches   | Easy to fit & move   |
| Multiple switching  | Up to 32 switches per receiver   |
| Versatile multi gang switches   | On/off, dimming on one plateswitch   |
| Hybrid switching  | Accommodates conventional On/Off & push to make switches                               |

#### ● RELIABLE

|   |  |
|---|--|
| FM not AM transmission                      | Consistent transmission<br>Longer range/up to 175m                 |
| Unique coding for each switch               | 100% security & peace of mind<br>Unreceptive to other transmitters |
| Powered by 2 x Lithium Batteries (supplied) | 10 year minimum life   |

#### ● STYLISH

|                           |  |
|---------------------------|--|
| Wide range of switches    | Complements traditional switches & sockets |
| Switch covers replaceable | Ease of upgrading                          |

#### ● COST EFFECTIVE

|                               |  |
|-------------------------------|--|
| Wirefree switches             | Time saving installation<br>No making good<br>No re-decoration |
| Ease of addressing            | Initial 20 second operation                                    |
| Re-address via switch only    | No loft or ceiling void access                                 |
| Pre-addressable               | Minimises on site errors                                       |
| Complements existing circuits | No need to alter wiring  |