



digidim

Lighting Router

The way forward
for lighting control

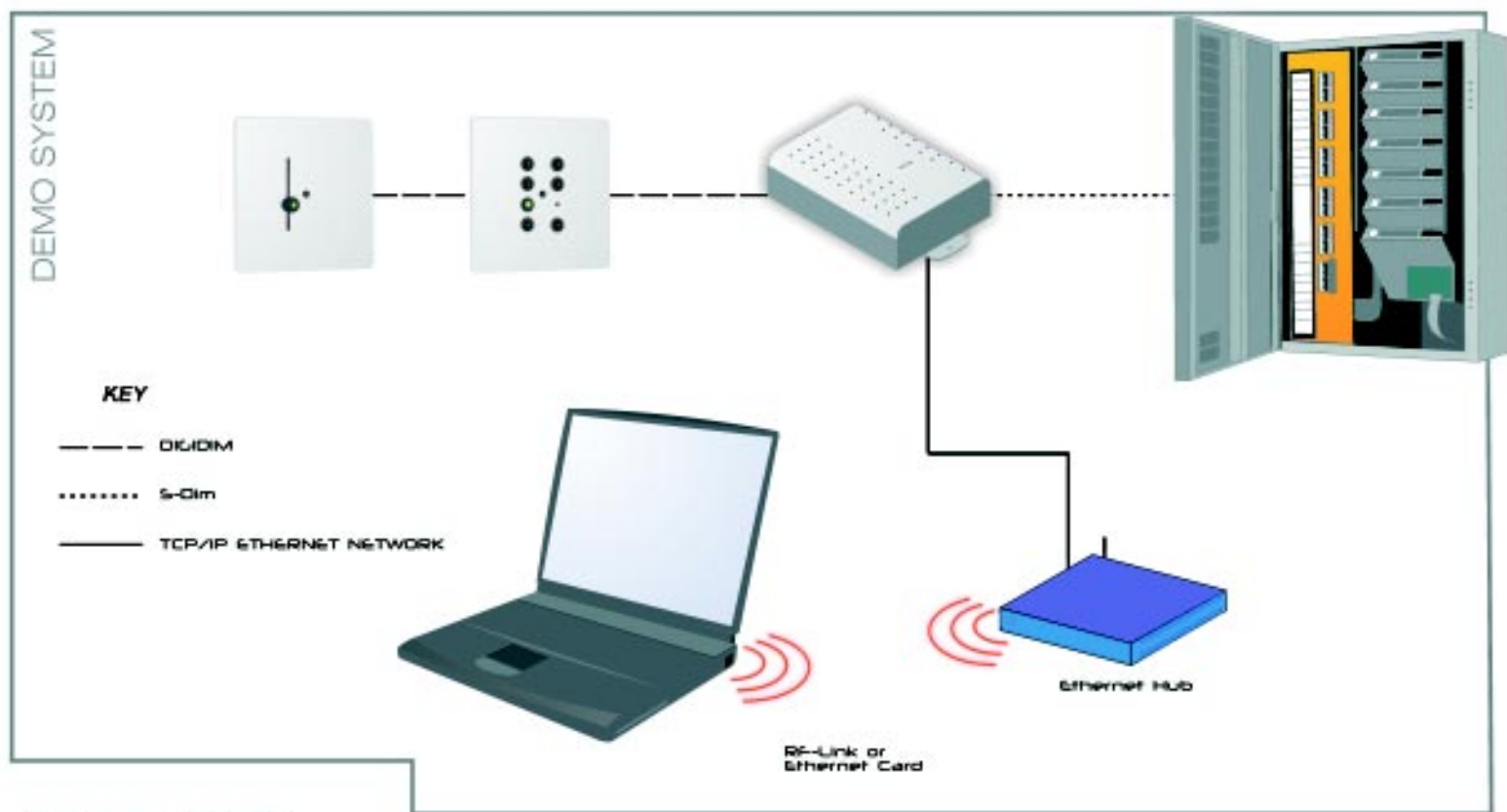
HELVAR

Lighting Router

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INNOVATION CONTINUES

The world of lighting is changing and affecting the way we use light. Now, lighting control takes another step forward by giving users tools to manage their lighting more effectively than ever before. Using advanced network technology Helvar are introducing the concept of a lighting router as the core element in lighting control systems. Take a look at its innovative design and you will be staggered by its simplicity and inspired by its capabilities.



FEATURES



Digidim Panels

- Scene Select
- Raise / lower light level
- Slider controls (with proportional control)
- Built in IR receiver in all panels
- Modular design
- Simple two wire connection with standard cable
- Low power Consumption
- Available in Satin white, polished Brass, Stainless Steel & Stainless Steel with carbon fibre effect



Software

- Permits local or remote:
- System design
 - Time based scheduling
 - System monitoring
 - Programming
 - Naming of scenes, loads, controllers

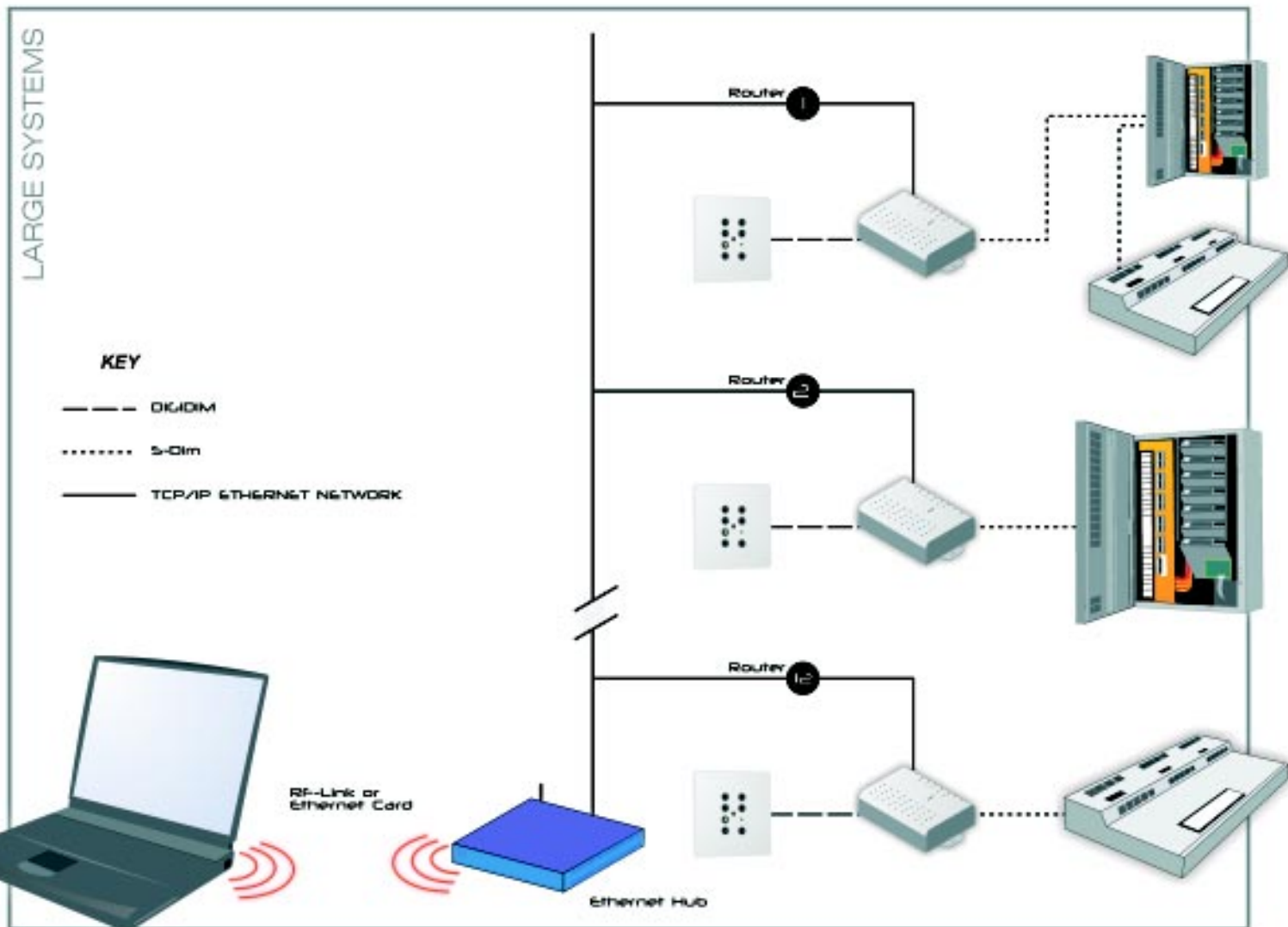


The Router

- Wall or DIN Rail mount
- Diagnostic LED's
- RJ45 connection for Ethernet or internet
- Ethernet connection for internet
- 255 circuits of load up to 1km distance
- 256 local scenes
- 20 control panels per system
- High speed 10/100

THE SYSTEM

- 12 Routers (max) per Workgroup
- Unlimited Workgroups
- 3060 Load circuits per workgroup
- 256 Local scenes per Router
- 4096 Scenes per Workgroup
- 1024 Workgroup wide scenes
- Wire/Wireless links to LAN network
- Routers connected with RJ45 connectors and CAT5 cable



Rack mounted modules

- Rack mount modules available:
 - 2 x 10A Thyristor
 - 2 x 6A Transistor
 - 1 x 4A Sine Wave
 - 2 Channel Ballast Controller (0-10V, 1-10V, DSI, PWM)
- 7 or 13 modules per rack
- All modules are manually addressed
- Programmable local override



Wall mounted units

- Wall mounted units available:
 - 4 x 2.5A Thyristor
 - 2 x 10A Thyristor
 - 4 x 10A Thyristor
 - 12 x 10A Thyristor
 - 2 x 6A Transistor
 - 4 Channel Ballast Controller (0-10V, 1-10V, DSI, PWM)
- 8 x 10A Relay Unit

BENEFITS FOR ALL

Specifier

A complete and flexible product range that enables you to create anything from a single circuit to a system of thousands of channels.

Installer

Easy to install cabinets and dimmer units with low cost 2 core cable to control panels and CAT 5 cable between routers.

Maintenance Engineers

Remote monitoring of all lighting loads with real time feedback of lamp running hours, dimmer current, dimmer temperature and other parameters that aid routine maintenance tasks.

End User: Office

Using push button, slider or desk top PC users are able to control the light levels within their own work area.

End User: Auditorium

Simple scene selection to guarantee the correct light levels during presentations via pushbuttons or LCD touch screen.

Building Facilities Manager

Energy efficient lighting is an essential part of modern building management and this task is simplified with scheduler software controlling the daily lighting programmes. This gives 24 hour, 7 day a week control of the lighting and assists in energy management strategies.

Lighting Designer

A lighting control system flexible enough to produce the required ambience, from office to cruise liner applications, by using first class programming tools.

Entertainment Specialists

With the router accepting a DMX input signal, the stage lighting operator is easily able to control the front of house lighting.



Helvar Merca Limited
Hawley Mill
Hawley Road
Dartford
Kent DA2 7SY
United Kingdom

Tel: +44 (0)1322 22 22 11
Fax: +44 (0)1322 28 22 16

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www.helvar.co.uk

FOR MORE INFORMATION

To discuss the router further please contact us at:

router@helvar.co.uk

or contact your nearest
Helvar distributor