

# Smart Lighting Control

## MDP4X10A+3AR Relay Pack

The Hamilton relay pack gives simple and effective control of peripheral devices such as security systems and fans, great for all kinds of environments: residential, hotels, restaurants, bars/clubs, health spas, museums, entertainment spaces such as home cinemas and so much more, both inside and out. It also benefits from being one of the easiest systems to install and operate.



### SYSTEM FEATURES

- Standard system does not require any software knowledge or programming input by the specifier, installer or the end-user.
- Not reliant on manufacturer's commissioning.
- 4 relays each rated at 10 amps plus one additional relay rated at 3 amp.
- All 5 outputs are protected by MCBs (miniature circuit breaker) and a mains switch disconnecter.
- Individual on/off circuit control.
- Settings unaffected by power failure.
- Can easily be added to and upgraded at a later stage.
- Larger, multi-channel configurations possible by networking systems together.
- Multiple control options and mixes.
- Wiring between relay pack and control station is CAT5/6 cable or Beldon 20AWG cable (twisted pairs).

### TECHNICAL INFORMATION:

Designed to comply with EN60669-2-1 (safety, operation and EMC)

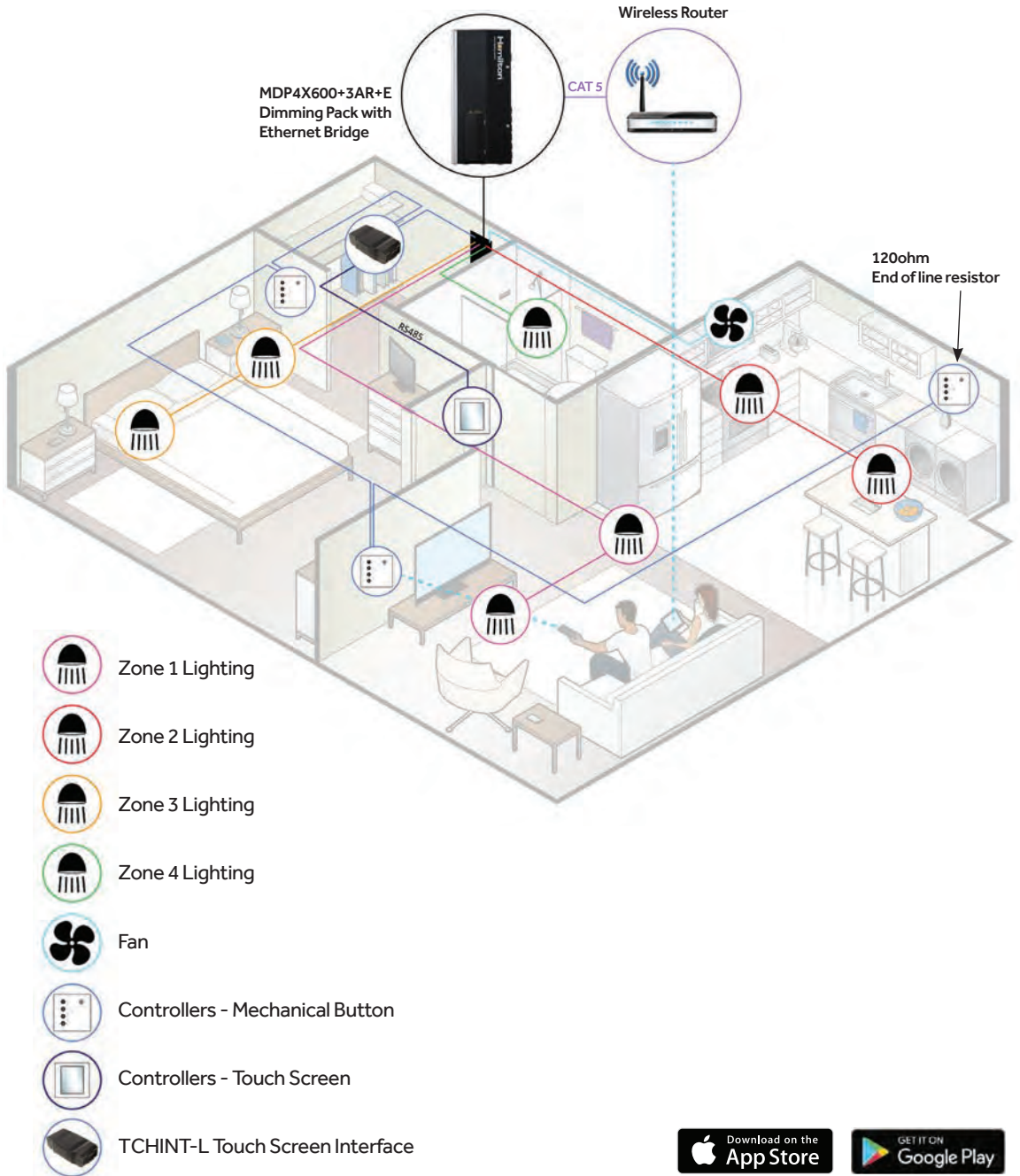
Ratings:	220/240Vac 50/60Hz
Environment:	-10°C to 45°C 90% humidity non-condensing
Loads:	4x10A Relay + 1x 3A Relay
Dimensions:	457mm x 205mm x 78mm
Weight:	5.3KG
Standard / Approval:	EN60669-2-1
Wiring Control:	CAT 5/6 UTP cable (unscreened 4x twisted pairs) OR CAT 5/6 STP cable (screened 4x twisted pairs) OR SELV supply (<15Vdc) (To control outstations or plates)

The relay pack consists of an enclosure housing the electronic power handling equipment. This should be mounted in a suitable and convenient location such as electrical switch room, cupboard or roof space. These locations must have good access and free airflow.

Code	Remote Dimmer Packs
MRP4X10A+3AR	4 x 10A + 3A relay dimmer pack

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## Lighting Control - Wiring Diagram



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## Expanding the Lighting Control System

### SYSTEM CONFIGURATION

- Simple DIP switch settings allow installer to link multiple packs together to add extra circuits in a larger area ie. no laptop or end user software is required.
- Larger, multi-channel configurations possible by networking dimming/switched systems together. The Hamilton installer software gives access to the many features embedded in the system allowing configuration of larger, more complex applications.

