



## WiREMS-WRC™

### Wi-Fi Room Energy Management System

Innovative control solutions designed to reduce air conditioning and lighting costs on a room occupancy basis

Easy to program using in-built Wi-Fi

Compatible with all major air conditioning manufacturers

The WiREMS-WRC™ is designed to reduce energy usage and carbon emissions by:

- Turning the air conditioner and up to two additional power sources off (additional Relay Module required) once occupants have left the room
- Preventing occupants from excessively heating/cooling the room
- Turning the air conditioner off if windows or doors have been left open (additional wireless sensors required)

The controls are low cost offering a typical return on investment in 6 to 12 months

#### Features

- Suitable for wall controlled or remote controlled air conditioners
- Wireless control of up to 2 power sources on a room occupancy basis (additional Relay Module required)
- Mains or battery operation (up to 2 year battery life)
- In-built Wi-Fi for easy wireless programming using a downloadable app (Android or IOS)
- Temperature settings to prevent excessive heating/cooling of rooms
- 7-day timer feature for room pre-heat/pre-cool
- Setback temperature setting to maintain an energy saving comfort level in unoccupied rooms
- Radio signal communication with separate Relay Module and all sensors – up to 10 meter transmitting range
- Up to 127 different room codes and additional floor codes to prevent signal crossover
- Programmable time delay from 15 to 60 minutes

#### Relay Module

- Designed to switch off up to two power sources including lighting on a room occupancy basis
- Mains or battery operation (up to 2 years battery life)
- Low battery signalling alarm to the WiREMS-WRC™
- Radio signal communication from the WiREMS-WRC™
- Power sources will be turned off 15 minutes after occupants depart (adjustable)
- Easy to install with minimal wiring



#### Window and Door Sensor

- No wiring required
- Turns the air conditioner off if a window or door has been left open
- Door sensor prevents air conditioners from turning off if occupants are static for long periods e.g. hotel bedrooms, meeting rooms etc
- Radio signal communication with the WiREMS-WRC™
- Battery operated (up to 2 year battery life)



For more information on how the WiREMS-WRC™ can significantly reduce your energy usage contact:

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