

Smart Control - Transmitter and Receivers



Smart Control 2 Channel Transmitter

Range*: upto 30m

A C . T 0 0 2 . 5 0 Black



Smart Control 24 Channel Transmitter

Range*: upto 100m

A C . T 0 5 0 . 5 0 Black



Smart Control 24 Channel Transmitter

Range*: upto 100m
5 Scenes

A C . T 0 2 4 . 5 0 Black



Smart Control Low Voltage Tungsten Switch Dimmer

Rating: 315va incandescent
and low voltage lamp

A C . R 4 0 0 . 5 7 White



Smart Control Fluorescent Switch Dimmer

Rating: 8 amp relay
15mA output for 0-10v dimming receiver

A C . R 3 0 0 . 5 7 White



Smart Control Receiver Switch

Rating: 10 amp 230v

A C . R 0 1 0 . 5 7 White



Smart Control In-Line Transmitter

Rating: 315va, Range: 100m

A C . R 4 5 0 . 5 7 White



Transmitter

Range: upto 100m
Converts main wall switch into
single channel transmitter.

A C . T 0 2 0 . 5 7 White



Remote Switching Actuator for 2 on/off circuits

Rating: 230v, 1 x 8 amp,
Suitable for luminaires or wall boxes.
400-100w incandescent & low voltage lamps

A C . R 0 2 0 . 5 7 White



Remote Switching Actuator for electric motors

Rating: 230v, 2 x 6 amp
Suitable for luminaires or wall boxes.
400w incandescent & low voltage lamps

A C . R 0 2 6 . 5 7 White



Remote Switching Actuator for electric motors

Rating: 230v, 2 x 6 amp relay
Suitable for motor housing or wall boxes.
400w incandescent & low voltage lamps

A C . T 0 0 6 . 5 7 White



IP55 Wireless Wall Mounted PIR

Detection Field: 18 16 x 32m
Adjustable Sensitivity: 20-100%

A C . T 1 8 0 . 5 7 White



Light Sensor

Ceiling Mounted

A C . T 3 8 0 . 5 7 White



PIR Motion Detector and Light Sensor

Ceiling Mounted

A C . T 3 2 0 . 5 7 White



Smart Control Power Booster

Rating: 700-7000w, incandescent and low voltage
electronic transformers. Multiple Boosters may be
used in a single circuit. (upto 10)

A C . 0 2 4 7 . 5 7 White



Smart Control Range Booster Box

Mains Voltage. Increases operating range of
transmitters by upto 100m.

A C . T 0 0 0 . 5 7 White

Smart Control - Transmitter and Receivers



Smart Control 1 Channel Push Button Sensor

Surface - mounted
Range*: upto 30m
White trim finish

A C . T 0 4 1 . 1 2 Chrome
A C . T 0 4 1 . 1 8 Satin Silver
A C . T 0 4 1 . 5 7 White



Smart Control 1 Channel Push Button

Recess - Mounted
Range*: upto 100m
White trim Finish

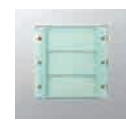
A C . T 0 7 1 . 1 2 Chrome
A C . T 0 7 1 . 1 8 Satin Silver
A C . T 0 7 1 . 5 7 White



Smart Control 3 Channels Push Button Sensor

Surface - mounted
Range*: upto 30m
White trim finish

A C . T 0 4 3 . 1 2 Chrome
A C . T 0 4 3 . 1 8 Satin Silver
A C . T 0 4 3 . 5 7 White



Smart Control 3 Channels Push Button Sensor

Recess - mounted
Range*: upto 100m
White trim Finish

A C . T 0 7 3 . 1 2 Chrome
A C . T 0 7 3 . 1 8 Satin Silver
A C . T 0 7 3 . 5 7 White



Smart Control 6 Channels Push Button Sensor

Surface - mounted
Range*: upto 30m
White trim finish

A C . T 0 4 6 . 1 2 Chrome
A C . T 0 4 6 . 1 8 Satin Silver
A C . T 0 4 6 . 5 7 White



Smart Control 6 Channels Push Button Sensor

Recess - mounted
Range*: upto 100m
White trim Finish

A C . T 0 7 6 . 1 2 Chrome
A C . T 0 7 6 . 1 8 Satin Silver
A C . T 0 7 6 . 5 7 White



Smart Control 1 Channel Push Button Sensor

Surface - mounted
Range*: upto 30m
Glass trim finish

A C . T 0 4 1 . 0 0 Glass



Smart Control 1 Channel Push Button Sensor

Recess - mounted
Range*: upto 100m
Glass trim Finish

A C . T 0 7 1 . 0 0 Glass



Smart Control 3 Channels Push Button Sensor

Surface - mounted
Range*: upto 30m
Glass trim finish

A C . T 0 4 3 . 0 0 Glass



Smart Control 3 Channels Push Button Sensor

Recess - mounted
Range*: upto 100m
Glass trim Finish

A C . T 0 7 3 . 0 0 Glass



Smart Control 6 Channels Push Button Sensor

Surface - mounted
Range*: upto 30m
Glass trim finish

A C . T 0 4 6 . 0 0 Glass



Smart Control 6 Channels Push Button Sensor

Recess - mounted
Range*: upto 100m
Glasstrim Finish

A C . T 0 7 6 . 0 0 Glass

Radio - No wires in the walls!

Technical Specification:

Radio Frequency	433.42 MHz ISM Band	Channel allocation	by simple learning process
Band Width	100 KHz	Transmission Power	Less than 10 mW
Moduling	ASK (Amplitude Shift Keying)	Range	upto 100m
Coding	1 million combinations	Transmission Speed	1000 buts per second

ELECTROMAGNETIC RADIATION COMPARISONS

Radio output on the human body (approx.) Measured in milli-watts

GSM Digital Mobile Phone -	1000.00 mW
Digital Cordless Phone -	5.00 mW
Baby Monitor -	0.10 mW
Altima Smart Control -	0.01 mW

Altima's Wireless range of Lighting controls allow wireless switching of loads using fixed or handheld transmitters. It is very simple to design multiple lighting scences using Radio Control.

Frequently Asked Questions

Will the system interfere with my mobile phone?

No! Our radio transmitters have been assigned their own frequency band (433MHz), outside other communication devices.

Can I expand control to multiple lights?

Yes! Radio systems can be expanded at anytime by adding additional receivers or transmitters.

Can I have a 2-way/ group switching?

Yes! Each receiver can learn up to 30 different transmitters.

Can I join multiple light fittings to one dimmer?

Yes! Simply wire together on a common circuit, but please consult with your electrician or luminaire manufacturer for load tolerances.

Can I have a 2-way control?

Yes! You can even have a master controller for central switching and dimming of all lights.

How do I set a scene?

The user adjusts lights to the desired level and then saves that scene to their nominated button on the controller, by holding the button down for at least 5 seconds. The scene is recalled when that button is pressed.

Can I change actions and scenes later?

Yes! Each transmitter and receiver may be taight new functions at anytime.

Can I control other systems?

Yes! The radio system can incorporate control of lighting, curtains, blinds, motion detectors and lux levels.

Who can install these products?

Only qualified electrical contractors should install our products.

Please contact our sales office if you require further assistance.

Wireless control of lighting & Blinds via Digital FM Radio

Why Radio?

Radio control was developed for clients wishing to expand a building's function without costs and disruption involved with re-cabling. Total cordless control is available from an ultra high frequency (433 MHz) that, unlike Infrared, is not obstructed by walls or ceilings. The digital signals have over a million unique codes ensuring no interference from nearby systems. Mobile communications have no effect at all.

Radio control is divided into 2 types of products:

- Transmitters (senders) and receivers.

TRANSMITTERS

Transmitters are either wall-mounted, handheld or hidden behind an existing switch. When the button is pushed a signal is sent out that will only be picked up by the appropriate receivers up to 100 metres away. A single Transmitter may control single or multiple Receivers according to the clients wishes. For example, simple handheld transmitters can control 24 separate channels and store light scenes for instant recall.

RECEIVERS

Receivers are either dropped into the mains circuit or may be fixed in the device being controlled. Each receiver is programmed by the installer to "listen" for its own commands. Up to 30 different transmitters may be stored in the receivers memory allowing for group switching or dimming. This system allows for features such as central ON/ OFF function.

TYPES OF DEVICES

Transmitters:

Handheld - 24 Channel
Key ring - 2 Channel
Stick of wall switches 1-12
Semi-recessed wall switches (retro-fitting)
Main wired into existing switches
PIR sensors
Light sensors

Receivers:

10amp switch
315va dimmer for LV & Incandescent lamps
0-10v dimmer for fluorescent lamps
Wall dimmers for retro-fitting
In-line dimmers for table/ floor lamps
Blind/ curtain controllers
Switches for fitting into luminaires

Example: A light switch may be fitted with a Radio Dimmer. The light is controlled from the wall switch as usual and/ or from a handheld receiver, allowing the user to switch the light ON/ OFF from the driveway. This function can be expanded to a whole office or house. It can be programmed to allow scenes.

Who Installs?

Normal contractors install the Radio Control System. As each device is installed it is "taught" its function. There are no computers involved or long commissioning. The user may easily teach a transmitter new functions after installation if required.