

# RF WIRELESS SYSTEMS

Instruction Sheet

## Technical Characteristics

### RF Wireless 6A Switches

RF Touch switches are designed to control resistive, inductive and capacitive loads in residential and commercial premises. The devices can be operated manually (soft push/feather touch), by using RF remote control (103268) or i-Home Gateway (101646). Besides switching a device ON or OFF, it is possible to set Scenes using the Remote or i-Home Gateway. Super luxurious in appearance, the LEDs on the devices make it easier to operate them in the dark. The RF Switches are equipped with micro controller chips to save parameters preset by the user, making it very convenient to use. The touch panel is compatible for device & scene scheduling.

### Technical Specifications

- Rated voltage: 160-264V AC 50Hz
- Radio frequency: 433.92 MHz
- Rated load Per Switch:
  - a) Resistive load (☒) Tungsten & Halogen lights: 1000 W
  - b) Capacitive load - LED and CFL (PF > 0.80): 100W
  - c) Inductive load (☉) Fan and Motor: 800W
- Power consumption in standby mode: 0.3W
- Humidity range: between 10-50 degree centigrade – 95% RH
- Service life: over 50,000 operations
- Suitable for mounting on inflammable surface ▽
- Impact protection: Ik02
- Class two appliance ☐

Important : 1) For LED loads, use SMPS based power supply with power factor above 0.80  
2) Do not connect loads in series. 3) Use sine wave inverter only.

### Salient features

- Designed with SMPS for improved reliability over current and over voltage protection.
- Provided with in-built surge protection.
- Relay based technology with obstruction free RF control.
- Operates by soft push/feather touch or using remote control (103268) or i-Home Gateway.
- Equipped with indicator LED to indicate status of the switches and for convenience in the dark.
- Facilitates easy scene setting from Remote & i-Home Gateway.
- OFF timer function using Remote & i-Home Gateway.
- Simple retrofit installation. Does not require any special wiring.
- ON/OFF & scenes can be scheduled through i-Home Gateway functions.
- Beep sound for feed back during operation in i-touch & i-feel.

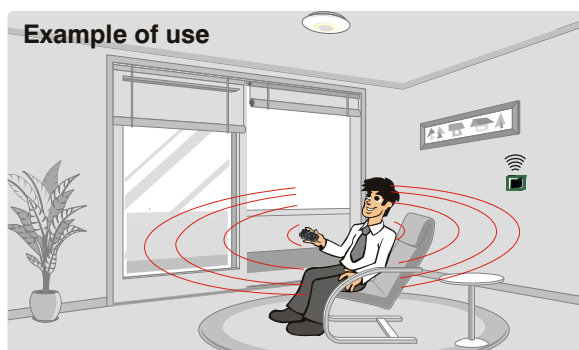
### Operations

- a) Manual: The RF Switches are provided with a soft push/feather touch button to switch it ON and OFF.
- b) Using Remote Control: The RF Touch switch can be operated by using Remote Control. Please refer Remote manual for instructions.
- c) Using i-Home Gateway: The RF Touch switch can be controlled by smart phones, computers etc. Please refer to the i-Home Gateway manual for instructions.

**Memory Function:** If power goes OFF, irrespective of whether the RF Switch was ON or OFF, it will always restart in the OFF mode when power returns. a) If you want the RF Touch Switch to return to its last state (either ON/OFF) then first cut off power to the Switch and press the Switch button. Then restart the power and release the button. Now, the RF Touch Switch will return to its last status when power is back from a power failure. b) If you want the i-Feel or i-Touch Switch to return to the last state every time power returns after a power failure, do the following: Long press any key on the Switch for around 15 seconds till you hear the 2nd beep sound (Please ignore the first beep that you will hear after 7 seconds).

### 1) RF Remote Control

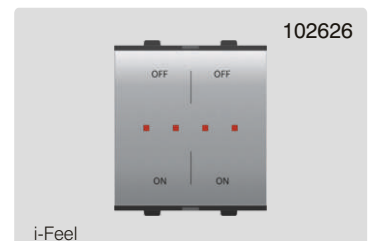
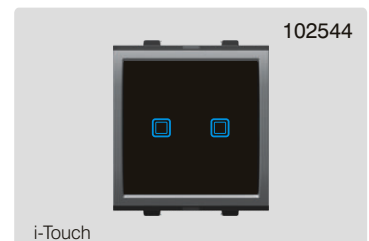
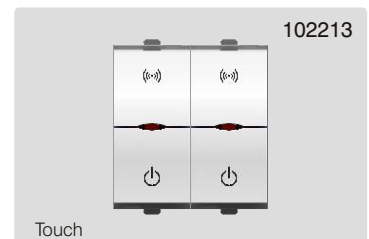
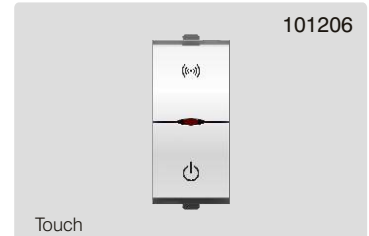
The RF Remote Control enables you to create 8 scene settings and control up to 29 RF devices in your home or office. The RF technology used ensures that you can control these devices even across physical barriers. You therefore needn't point the remote control at the device. The RF Remote thus provides 360 degrees of control!



### Features of Remote Control

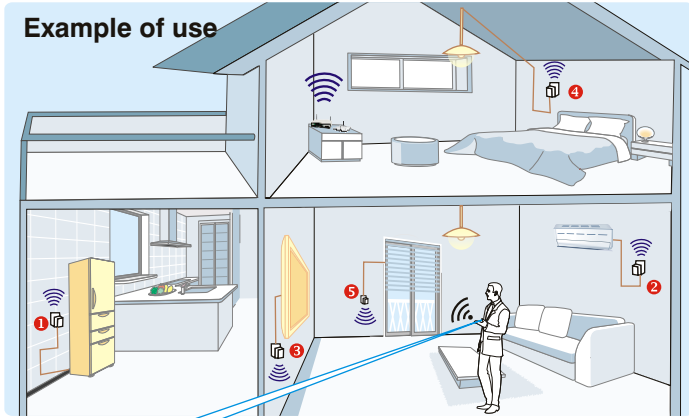
- Requires one-time programming of RF devices with the Remote control.
- The Remote Control is ergonomically designed to easily fit into your palm. Button spacing, programming of the devices, etc. have been designed keeping your convenience in mind.
- The Remote Control adds a high level of convenience to your lifestyle. It is so simple to use that even the children in your family will find it easy to use.

\* (Detailed manual of RF Remote is available at [www.goldmedalindia.com](http://www.goldmedalindia.com))



## 2) i-Home Gateway

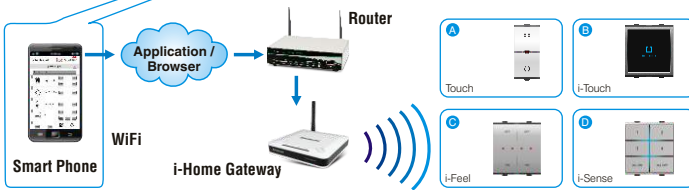
The i-Home Gateway lets you control everything from lights to fans to drapes and other RF functions from anywhere in the world. Simply synchronize the RF devices once with the i-Home Gateway application and then schedule scenes or control individual devices using your smart phone, computer or any other smart computing device. Your home or office is now intelligent!



## Features of i-Home Gateway

- Requires one-time programming of RF devices with the i-Home Gateway application for remote and scheduled operations
- Can control up to 4 Remote Controls. Each Remote can be used to set up 8 scenes and 29 devices.
- Once setup is complete, you can control all RF devices from anywhere in the world. Distance and location will no longer be factors in controlling the electrical equipment in your home or office.
- The i-Home Gateway application works over the Internet, Mobile and LAN networks. Connection between application and device is through a router.
- All functions available on the RF Remote can be performed using the i-Home Gateway. This includes operating individual switches, fan regulators, dimmers, drupe controllers and setting scenes.
- In addition to Remote functions, the i-Home Gateway can be used to schedule device as well as scene timings.
- The i-Home Gateway application is for your convenience. Manual operation will always override i-Home Gateway settings.

\* (Detailed manual of i-Home Gateway is available at [www.goldmedalindia.com](http://www.goldmedalindia.com))



## Goldmedal i-Home

Download the Goldmedal i-Home App on your smart device to control your RF Switches from anywhere in the world. Download now!

\*All RF devices are future ready. The RF devices that you have purchased earlier are compatible with the RF Remote Control as well as i-Home Gateway application. Goldmedal ensures that all RF products you purchase will continue to be compatible with evolving technologies.

### ⚠ Safety instruction

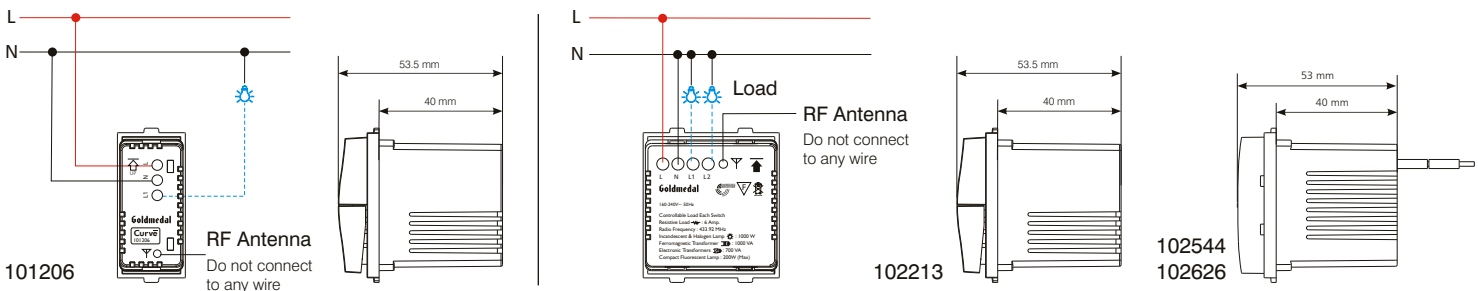
- Electrical equipment must be installed and fitted by a qualified electrician only.
- The electronic switches are single pole switches and disconnect only one pole when they are OFF.
- To prevent electric shock, disconnect both the poles of the main supply, before working on the appliance.
- Failure to observe any of the installation instructions may result in fire and other safety hazards.

### Warranty

All electronic devices are warranted against manufacturing defects for two years from the date of purchase. In the event of defects, Goldmedal will repair or, at its discretion, replace the warranted product if delivered to a Goldmedal authorized dealer along with a duly stamped guarantee card and sales receipt that shows the date of purchase along with the serial no. of the product. This warranty excludes defects due to abnormal load, abuse or failure to use the product in accordance with the instructions. Goldmedal shall not be liable for any other damages, whether incidental, consequential or otherwise.

## Wiring Diagram / Dimensions (mm)

Side view shows overall dimensions & flush depth.



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