

RF WIRELESS SYSTEMS

Instruction Sheet

Technical Characteristics

RF i-Touch 20A Switch (with Scene Setting Functions Using Remote)

RF I-Touch switches are designed to control resistive, inductive and capacitive loads in residential and commercial premises, either operated manually (feather touch) or by using RF remote control (103268). Besides switching "ON" and "OFF" it is possible to have Scene settings from the Remote. Super luxurious in appearance, the blue backlit touch keys make it easier and convenient to operate in the dark. The appliance is equipped with micro controller chip to save the parameters preset by the user, making it very convenient to use.



Technical Specifications

- Rated voltage: 160-264V AC 50Hz
- Radio frequency: 433.92 MHz
- Rated load:
 - a) Resistive load (☼) Tungsten & Halogen lights: 3000 W
 - b) Capacitive load - LED and CFL (PF > 0.80): 200W
 - c) Inductive load (Ⓜ) Fan and Motor: 3000W
- 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 □

Note: 1) For LED loads, use SMPS based power supply with power factor above 0.80
2) Do not connect loads in series.

Salient features

- Designed with SMPS for improved reliability over current and over voltage protection.
- Relay based technology with obstruction free RF control.
- Operates by push, 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 using Remote & i-Home Gateway.
- OFF timer function using Remote & i-Home Gateway.
- Simple retrofit installation. Does not require any special wiring.
- ON/OFF can be scheduled through i-Home Gateway functions.
- Beep sound for feedback during operation in i-Touch & i-Feel.

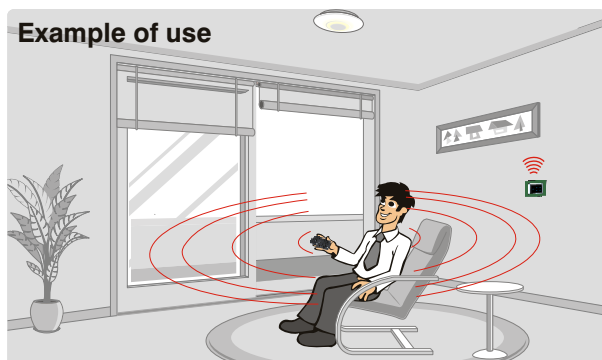
Operations

- a) Manual : The RF i-Touch switch panel is provided with touch screen and the switch is operated by feather touch.
- b) Through Remote : The individual switch can be operated through Remote by pressing the button assigned on the Remote. Remote Settings.
- c) Through 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'd like 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'd like the i-Feel or i-Touch Switch to return to ON status 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 2 beep sounds (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!



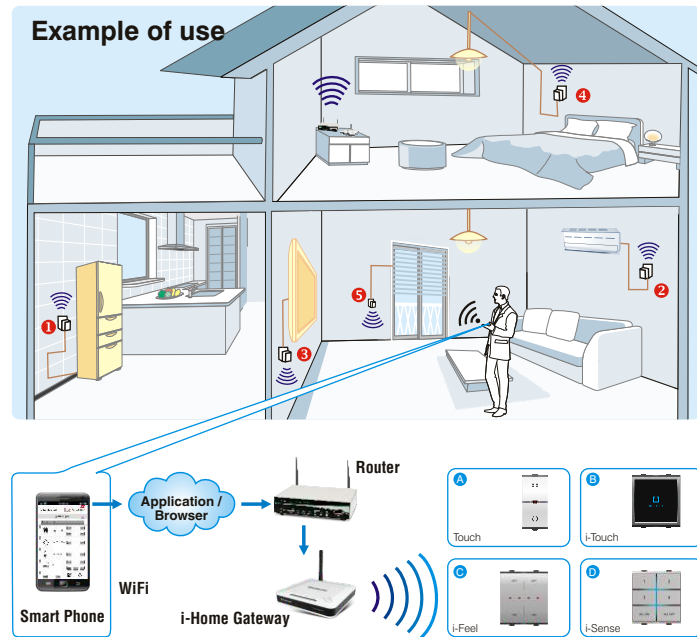
Features of Remote Control

- 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)

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, drape 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)



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.

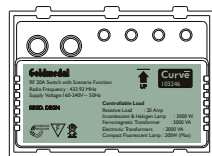
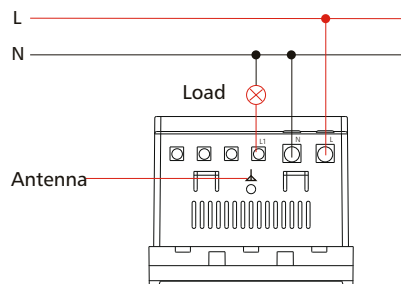
⚠ Safety instruction

- 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

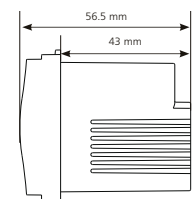
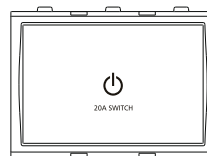
All electronic devices are warranted against manufacturing defects for two years from the date of purchase. In the event of defects, Goldmedal will repair or, at its discretion, replace the warranted product if delivered to a Goldmedal authorized dealer along with a duly stamped guarantee card and sales 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.

103246



GOLDMEDAL ELECTRICALS PVT. LTD.
Bldg. No. 2, Shripal Industrial Estate, Valliv Road, Vasai East, Thane - 401208, Maharashtra, India.
For more details, email us at info@goldmedalindia.com www.goldmedalindia.com

Customer Care Toll Free No.
1800 209 0234

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