

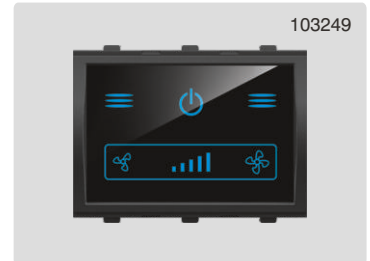
RF WIRELESS SYSTEMS

Instruction Sheet

Technical Characteristics

RF i-Touch Switches & Fan Regulator

This i-Touch panel comprises of 2 RF i-Touch switches, 1 i-Touch Fan Regulator and a Master switch. The RF i-Touch switches are designed to control resistive, inductive and capacitive loads in residential and commercial premises. They can be operated manually, by using the RF remote control (103268) or i-Home Gateway (101646). The Fan Regulator is designed with high quality capacitors for humming free operation. The touch panel is compatible for scene settings & scheduling. Super luxurious in appearance, the LEDs make it easier and convenient to operate the device in the dark.



Technical Specifications

- Rated voltage: 160-260 V~50Hz
- Radio frequency: 433.92 Hz
- Rated load per switch:
 - a) Resistive load - tungsten & halogen light - 1000 W
 - b) Capacitive load - LED and CFL (PF > 0.80) - 100 W
 - c) Inductive Load - fan and motor - 800 W
- Rated load: fan regulator - max 100 W
- Power consumption in standby mode: 0.3 W
- Humidity range: between 10-50 degree centigrade - 80% RH
- Service life: over 50,000 operations
- Suitable for mounting on inflammable surface ∇
- Impact protection: Ik02
- Class two appliance \square
- 5-Level speed selection with indicator for fan regulator.

Salient features:

- High quality capacitors for fan regulator & relay for switches with obstruction free RF control.
- Designed with SMPS for improved reliability, over current and over voltage protection.
- Equipped with LEDs for convenience in the dark.
- Facilitates easy scene setting using Remote or i-Home Gateway.
- Suitable for OFF Timer function using Remote or i-Home Gateway.
- Suitable for device & scene scheduling using i-Home Gateway.
- Simple retrofit installation.
- Does not require special wiring.
- If power goes off when the fan is ON, the fan will be ON when power is restored.

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.

Operations

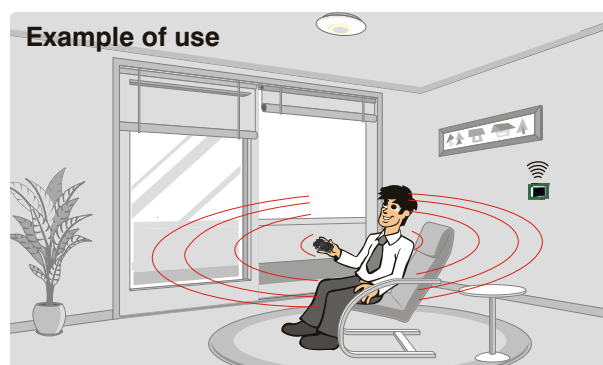
- a) Manual: The connected fan can be switched ON or OFF by briefly touching any of the fan keys. To control the speed of the fan, press the High/Low fan key till the fan achieves the speed that you desire. The RF i-Touch Switches are provided with feather touch keys to switch the corresponding device ON or OFF. All the three devices can be operated together by Master key.
- b) Through Remote: To switch the fan ON or OFF, press the number on the Remote assigned to the Fan Regulator. To control the speed of the fan, first press Up/Down ($\blacktriangle/\blacktriangledown$) on the Remote as per your requirement. Then press and hold the assigned number on the Remote till the desired speed of the fan is achieved. The individual switches can be operated through the Remote by pressing the assigned button on the Remote.
- 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: i) If power goes OFF, by default the switches will resume in OFF position irrespective of whether the RF Switch was ON or OFF. In case of the Fan regulator, it will retain its previous status when power returns. a) If you'd like the Switches to return to their previous status every time power returns after a power failure, do the following: long press the respective switch key for around 15 seconds till you hear 2 beep sounds (please ignore the first beep that you will hear after 7 seconds).
b) If you'd like the Fan Regulator to return to OFF mode every time power returns after a power failure, long press any of the fan regulator keys for around 15 seconds till you hear 2 beep sounds (please ignore the first beep that you will hear after 7 seconds).

ii) To erase Remote settings for the Switch and to reset its memory to default settings, press the Master key for 20 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!



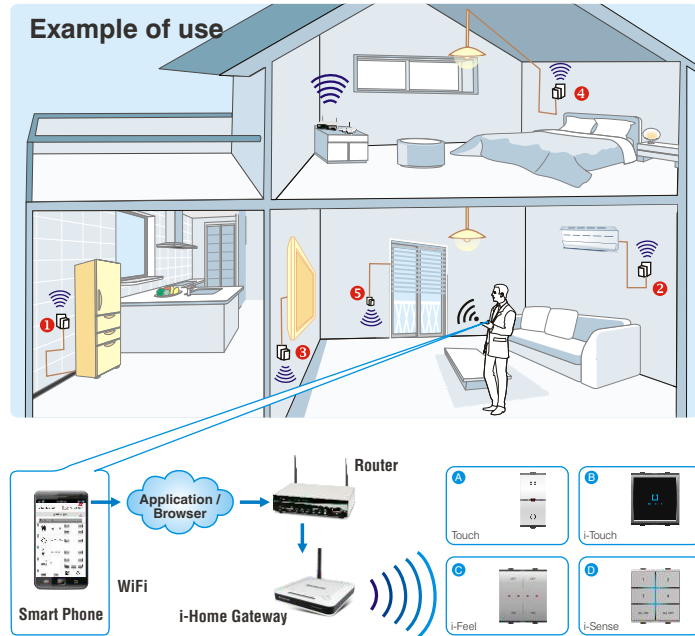
Features of Remote Control

- 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, 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)



Android



iOS

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.

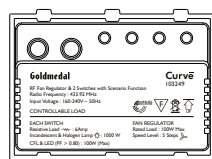
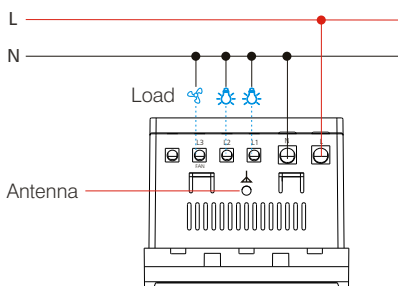
! Safety instruction

- 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.

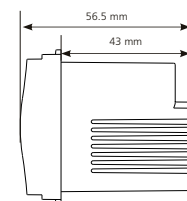
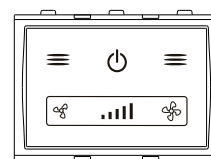
Warranty

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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