

# RF WIRELESS SYSTEMS

Instruction Sheet

## Technical Characteristics

### RF Wireless Drape Controllers

RF wireless drape controllers are relay based controllers that feed motors to enable opening/closing (raising/lowering) of curtains. The unit can be operated manually (soft push/feather touch), by using RF remote control (103268) or the i-Home Gateway application (101646). Super luxurious in appearance, the LEDs make it easier and convenient to operate the device in the dark. The appliance is equipped with micro controller chip to save parameters preset by the user, making it very convenient to use. The panel are compatible for scene settings & scheduling.

### Technical Specifications

- Rated voltage: 160-264 V~ 50Hz
- Radio frequency: 433.92 MHz
- Rated load per channel: 400W (Motor Power Factor 0.6 lag)
- Power consumption in standby mode: 0.3W
- 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 □

Important : 1) Do not connect loads in series. 2) 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 push/feather touch, remote control (103268) or i-Home Gateway (101646).
- Equipped with LEDs for convenience in the dark.
- Beep sound for feedback of the operation in i-Touch & i-Feel.
- Facilitates easy scene setting using Remote and i-Home Gateway.
- Provides inching facility for fine control of raising/lowering of the drape.
- Simple retrofit installation.
- Does not require special wiring.
- Suitable for device & scene scheduling using i-Home Gateway.

### Operations

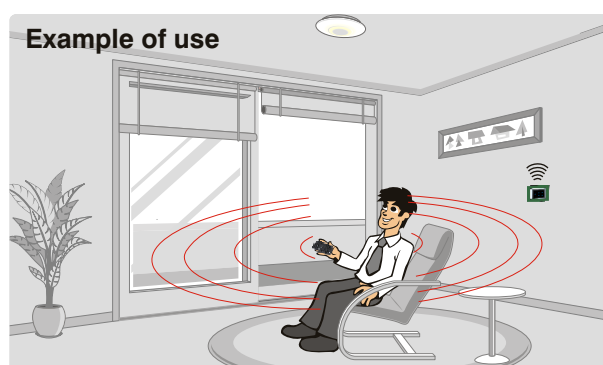
a) Manual: Individual curtains/blinds can be controlled by touching/pushing the specific key. For inching operation, the key needs to be touched/pushed for a short duration. A longer touch over 1.5 seconds will set the drape in auto mode for a default duration of maximum 1 minute or till the operation of the curtain is stopped automatically by limit switches. If you want to stop the curtain when in Auto mode, touch/press the up or down key again.

b) Through Remote: The drape can be raised or lowered by pressing the up/down (☰ / ☷) button on the Remote & then pressing the assigned button on the Remote. On releasing the assigned button the motion of the drape will stop. However, if the assigned button is directly pressed, the curtain will switch to auto mode for a default duration of 1 minute or till the operation of the curtain is stopped automatically by limit switches. Pressing the key again will stop the motion.

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.

#### 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!



Example of use

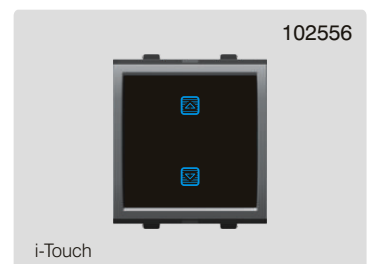
### Features of Remote Control

- 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))



Touch



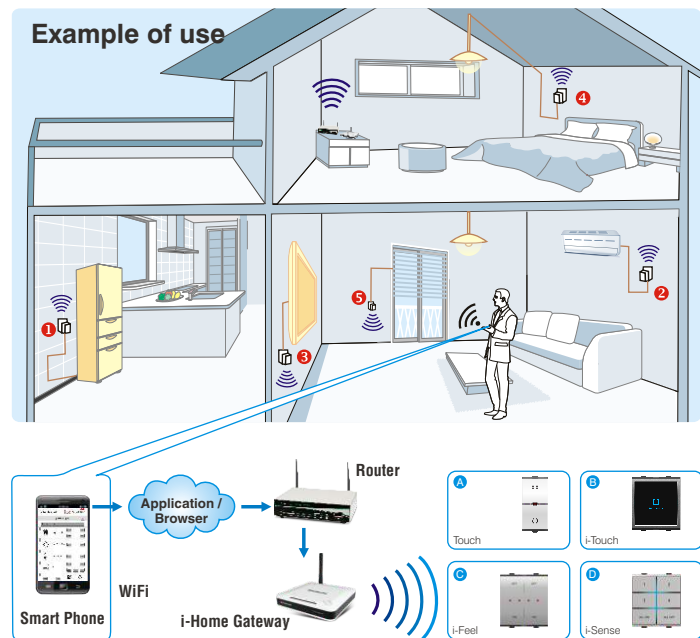
i-Touch



i-Feel

## 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))



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.

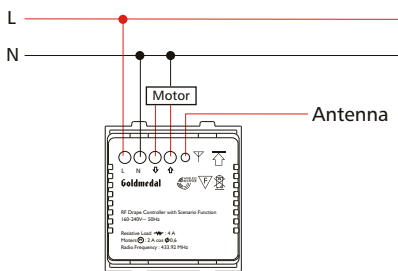
## ⚠ Safety instruction

- 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.

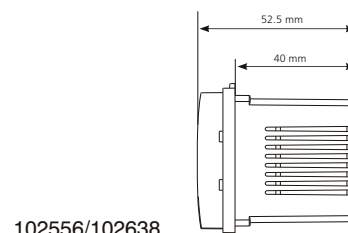
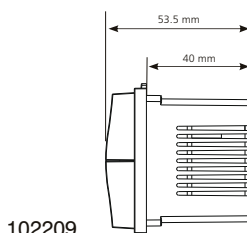
## Warranty

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.



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](mailto:info@goldmedalindia.com) [www.goldmedalindia.com](http://www.goldmedalindia.com)

Customer Care Toll Free No.  
**1800 209 0234**

© Copyright 2003 by Goldmedal  
Unless otherwise specified, the products illustrated in this Leaflet have been designed by Goldmedal and are covered by one or more international patents.

