

Heath/Zenith

Remote Controlled Products

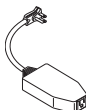
FEATURES

- Quickly add ON/OFF control of a receptacle without the expense of new wiring.
- Four selectable channels allowing the use of up to four separate systems in the same home.
- Products are UL/cUL and/or FCC/IC tested and approved.
- Operational range of up to 50 feet.

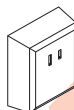
This manual applies to the following products:



2-Button Remote Control



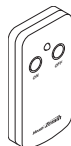
Indoor/Outdoor Receiver



Indoor Plug-In Receiver

2-BUTTON REMOTE CONTROL

Operation



1. The two buttons on the remote will operate one or more receiver units with matching channels.
2. Push the ON button to turn the plugged in receiver on or the OFF button to turn the plugged in receiver off.

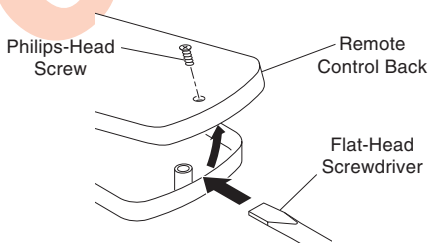
Battery Replacement

The remote control requires a type A23 12 Volt alkaline battery to operate. The remote control is shipped with the battery installed. With typical use, the battery will last approximately one year. Remove battery when remote will not be used for an extended period of time.

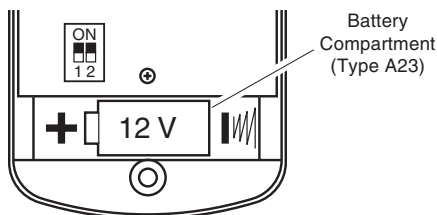
To replace the battery, follow the instructions below:

1. Place remote control face down on a flat surface.
2. Remove screw on bottom of remote with a small Phillips-head screwdriver.

3. Gently insert a small flat-head screwdriver between the two halves on the bottom of the remote and twist. Carefully separate the back of the remote from the front.
4. Lift the back of the remote up and lay aside.
5. Remove battery. Install replacement battery. Make sure battery is oriented properly (see illustration).
6. Reassemble remote in reverse order.

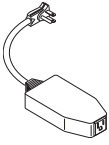


Removing Back of Remote Control



Inside of Remote Control

INDOOR/OUTDOOR RECEIVER



Features and Ratings:

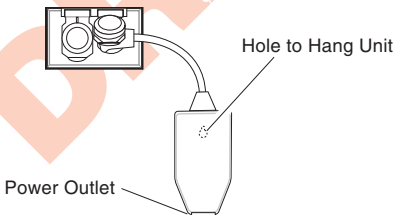
- Rated for 120VAC/60Hz supply voltage.
- Up to 13 Amps maximum resistive load.
- Up to 960 Watt maximum incandescent load.
- Up to 960 Watt maximum fluorescent load.
- Up to 1/3 Hp maximum motor load.
- No wiring required.

Operation

1. Plug in Indoor/Outdoor Receiver. Remember, the Indoor/Outdoor Receiver requires a grounded outlet. If you do not have a grounded outlet, you may want to contact an electrician to upgrade your electrical system. If you are using the Indoor/Outdoor Receiver outdoors, see extra precautions below.

Precautions When Using the Indoor/Outdoor Receiver Outdoors

- The receiver must be oriented with the power outlet down to prevent rain from entering the unit. See illustration.
 - Hang the receiver on a nail or screw as shown. There is a hole in the back for this purpose. DO NOT allow receiver to hang by the cord.
 - Note in the illustration that the receiver is located below the wall outlet. This is to prevent rain from running down the cord into the wall outlet.
 - **Note:** The National Electrical Code and Canadian Electrical Code (and most local codes) require that outside outlets be protected by a Ground Fault Interrupter (GFI).
2. Plug in lamp or appliance you wish to control.
Caution: Do not exceed the maximum load limits listed above.

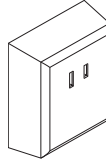


Connecting Indoor/Outdoor Receiver

3. Toggle ON/OFF switches on remote control to check operation. **Note:** Red light on remote should come on while button is depressed.
Important: Wait 1 to 2 seconds after you press the transmitter button before you press it again to allow the transmission to be completed.

Note: If plugged in lamp or appliance does not turn on or off when remote buttons are pushed, see Troubleshooting section.

INDOOR PLUG-IN RECEIVER



Features and Ratings:

- Up to 500 Watt maximum incandescent load.
- Up to 300 Watt maximum fluorescent load.
- Up to 400 Watt maximum TV load.
- Up to 1/3 Hp maximum motor load.
- No wiring required.

Operation

1. Plug in indoor receiver.
2. Plug in lamp or appliance you wish to control.
Caution: Do not exceed the maximum load limits listed above.
3. Toggle ON/OFF switches on remote control to check operation. **Note:** Red light on remote should come on while button is depressed.
Important: Wait 1 to 2 seconds after you press the transmitter button before you press it again to allow the transmission to be completed.

Note: If plugged in lamp or appliance does not turn on or off when remote buttons are pushed, see Troubleshooting section.

CHANNEL SETTINGS

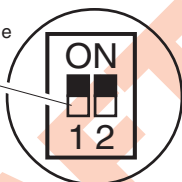
Note: The channel is factory set. Most installations will not require you to change the two dip switches on your remote control or receiver.

Note: If purchasing more than one remote control system, select different operating channels unless you want one remote control to operate multiple receivers.

These remote control products communicate by using channels that can be changed by sliding dip switches into the ON or OFF position on both the transmitter and receiver unit(s). **Note:** Switch settings must match. Other remote controlled unit(s) may cause interference and the system may not function properly. Follow the instructions below for setting a new channel.

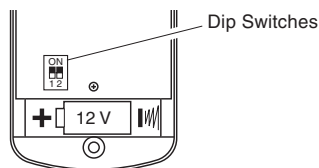
1. Locate dip switches on both the transmitter and receiver unit(s).
2. To change the channel, slide dip switches to ON or OFF as needed. It is recommended to only change one dip switch at a time and then check to see if system is functioning properly. **IMPORTANT:** Dip switches must be in the exact same configuration on both the transmitter and receiver unit(s) for this system to function properly.

Dip Switches - Shown in the OFF (Down) Position (Factory Default)

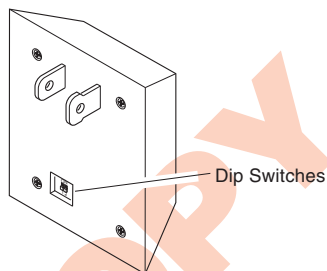


Dip Switches

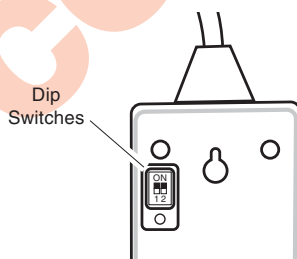
DIP SWITCH LOCATIONS



2-Button Remote Control with Back Removed



Indoor Plug-In Receiver



Indoor/Outdoor Plug-In Receiver with Back Jumper Cover Removed

TROUBLESHOOTING GUIDE

SYMPTOM	POSSIBLE CAUSE	SOLUTION
Lamp or appliance does not come on.	1. Circuit breaker is tripped or turned off or fuse is blown. 2. Switch on lamp or appliance is turned off. 3. Lamp or appliance is defective. 4. Interrupted by another device. 5. Signals from transmitter are being blocked, or transmitter is out of range. 6. Weak battery in the transmitter. 7. Dip switches on transmitter and receiver units do not match.	1. Reset circuit breaker or replace fuse. 2. Verify switch on lamp or appliance is turned on. 3. Test using different lamp or appliance. 4. Change channels on transmitter and receiver units. 5. Check for metal objects that could block the signal, or reposition the transmitter. 6. Check battery charge and replace if necessary. 7. Verify dip switch settings on transmitter and receiver units are set the same.
Lamp or appliance does not turn off.	1. Switching modes too quickly. 2. Same as 5, 6, and 7 above.	1. Wait 1 to 2 seconds before switching modes. 2. Same as 5, 6, and 7 above.
Lamp or appliance comes on randomly.	1. Another transmitter on the same channel.	1. Change channels on transmitter and receiver units.

TECHNICAL SERVICE (Do Not Send Products)

If you experience a problem, follow this guide. You may also want to visit our Web site at: **www.desatech.com**. If the problem persists, call* for assistance at **1-800-858-8501**, 7:30 AM to 4:30 PM Central Time weekdays. You may also write* to:

DESA International, Inc.

P.O. Box 90004, Bowling Green, KY 42102-9004

* If contacting Technical Service, please have the following information available: Model Number, Date of Purchase, and Place of Purchase.

NO SERVICE PARTS AVAILABLE FOR THESE PRODUCTS

REGULATORY INFORMATION

This device complies with Part 15 of the FCC Rules and RSS-210 of Industry Canada. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

The term "IC:" before the radio certification number only signifies that Industry Canada technical specifications were met.

The user is cautioned that changes or modifications not expressly approved by the party responsible for regulatory compliance could void the user's authority to operate the equipment.

YOUR HEATH®/ZENITH FIVE YEAR LIMITED WARRANTY

This is a "Limited Warranty" which gives you specific legal rights. You may also have other rights which vary from state to state or province to province.

For a period of five years from the date of purchase, any malfunction caused by factory defective parts or workmanship will be corrected at no charge to you. **Light bulbs and Batteries not covered.** To obtain a refund or a replacement, return the product to the place of purchase.

Not Covered - Repair service, adjustment and calibration due to misuse, abuse or negligence, light bulbs and other expendable items are not covered by this warranty. Unauthorized service or modification of the product or of any furnished component will void this warranty in its entirety. This warranty does not include reimbursement for inconvenience, installation, setup time, loss of use, or unauthorized service.

This warranty covers only Heath®/Zenith assembled products and is not extended to other equipment and components that a customer uses in conjunction with our products.

THIS WARRANTY IS EXPRESSLY IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTY, REPRESENTATION OR CONDITION OF MERCHANT ABILITY OR THAT THE PRODUCTS ARE FIT FOR ANY PARTICULAR PURPOSE OR USE, AND SPECIFICALLY IN LIEU OF ALL SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES.

REPAIR OR REPLACEMENT SHALL BE THE SOLE REMEDY OF THE CUSTOMER AND THERE SHALL BE NO LIABILITY ON THE PART OF DESA FOR ANY SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, INCLUDING BUT NOT LIMITED TO ANY LOSS OF BUSINESS OR PROFITS, WHETHER OR NOT FORESEEABLE. Some states or provinces do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. Retain receipt for warranty claims.

Heath®/Zenith reserves the right to discontinue products and to change specifications at any time without incurring any obligation to incorporate new features in products previously sold.