



WIRELESS WATER ALARM

USER' S MANUAL



WA700

Please read this manual carefully and thoroughly before using this product

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INTRODUCTION

Thank you for purchasing General Tools & Instruments' WA700 Wireless Water Alarm. Please read this user's manual carefully and thoroughly before using the instrument.

The WA700 is a low-cost, two part water alarm system. It consists of a sensor-transmitter that is to be located in areas of high water usage, and a receiver which should be placed in a commonly used area in the house. It is ideal for detecting leaks from water heaters, washing machines, plumbing and HVAC/R systems.

KEY FEATURES

- Sounds alarm at sensor-transmitter and receiver when water is detected
- 120-foot maximum wireless range typically enables placement of sensor-transmitter in basement and receiver in upstairs bedroom
- Receiver can sound and display alarms from up to four sensor-transmitters deployed in different zones. Units can be paired on any of six channels to avoid interference
- Standard package includes one receiver with AC adaptor and one sensor-transmitter with "9V" battery. An optional package of one additional sensor-transmitter and "9V" battery (WA700SEN) is available

- Sensor with suction cup is at the end of 23–in. long cord, increasing placement options. Transmitter unit includes battery test button/LED on side
- Long battery life (up to one year)
- One–year limited warranty

SAFETY INSTRUCTION

Do not use the WA700 in the presence of flammable or explosive gases.

WHAT'S IN THE PACKAGE

The WA700 comes in a blister pack containing

- Receiver with 120VAC Adaptor
- Sensor–transmitter with battery
- Installation hardware: 1 hook, 2 plastic wall plugs, 4 screws
- A hard copy of this user's manual (inside the fold–over card)

PRODUCT OVERVIEW

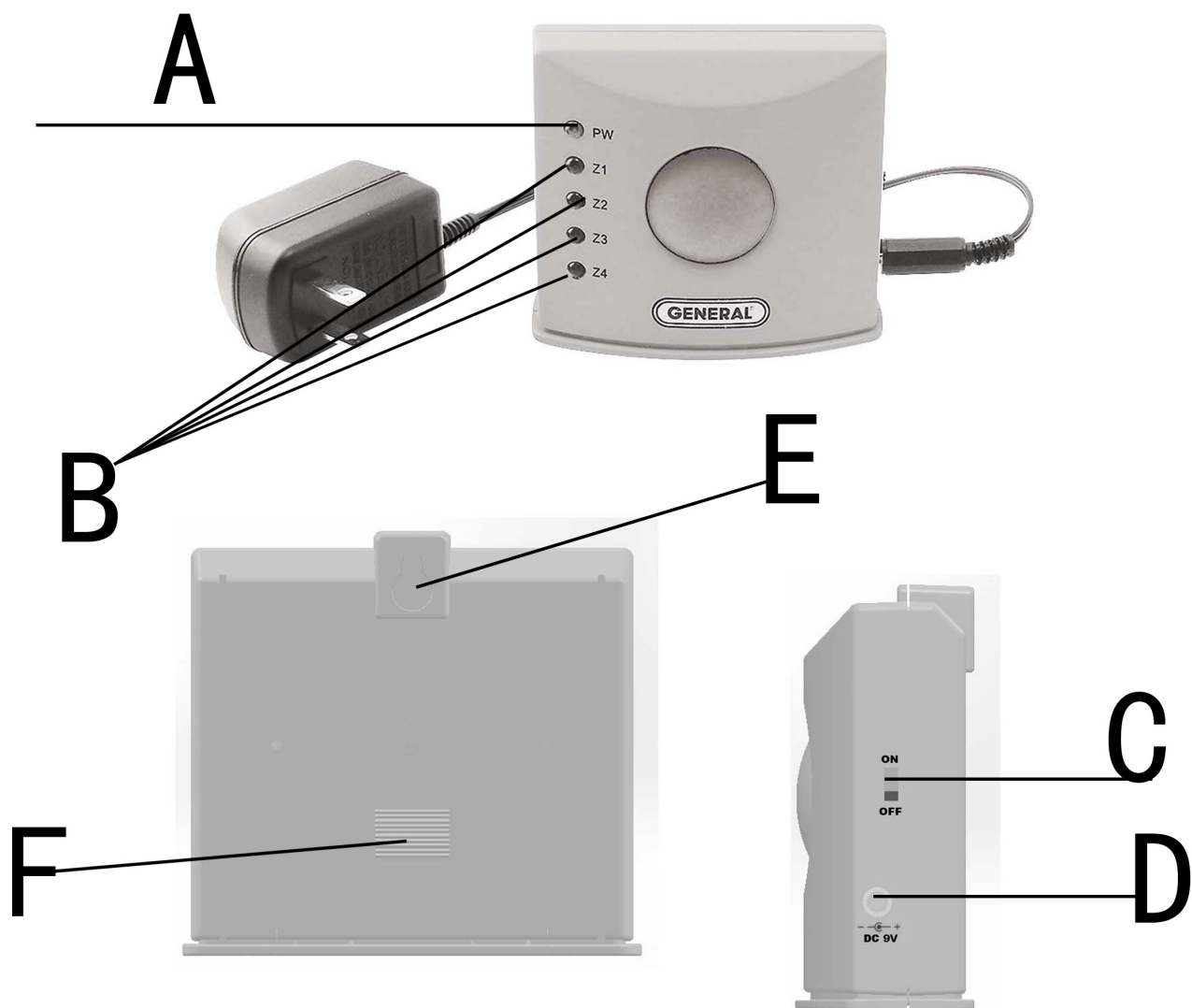


Fig 1 Receiver

A: Power indicator

B: Zone indicators

C: On/Off switch

D: DC 9V input

E: Mounting hole

F: Speaker

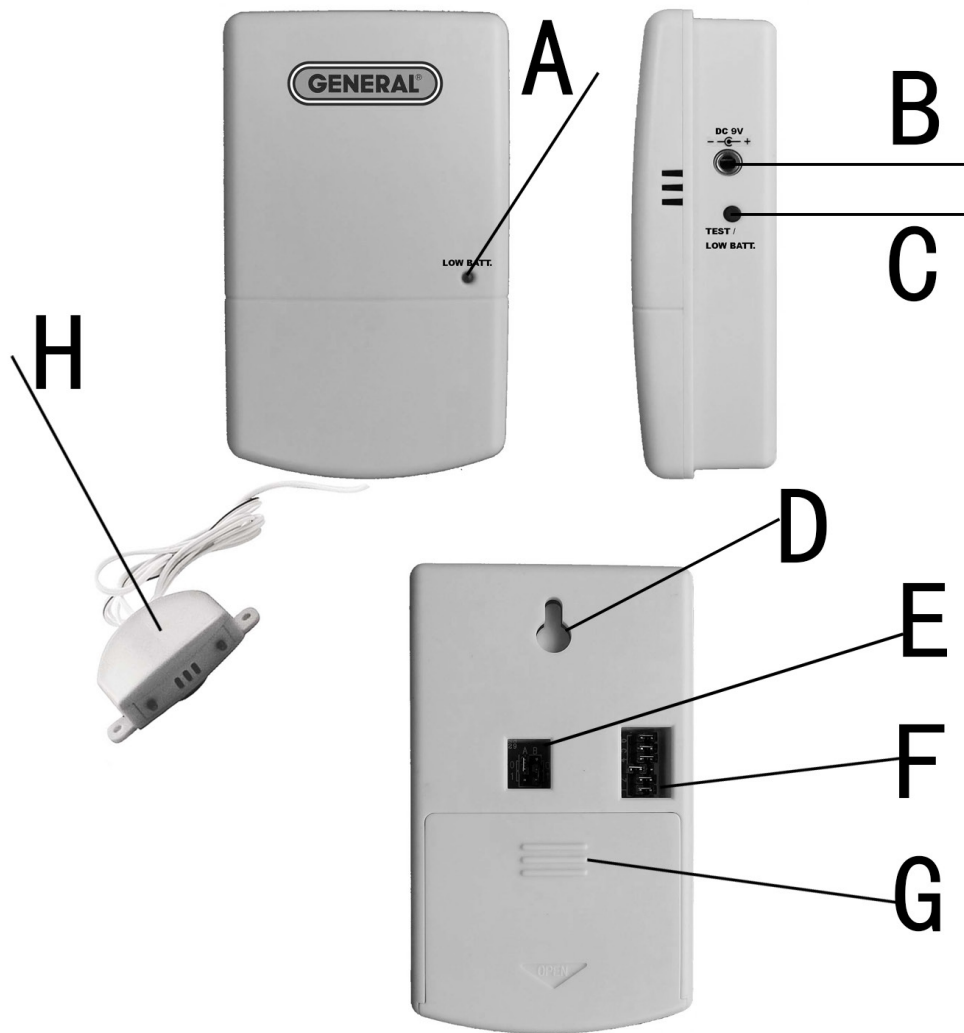


Fig 2 Sensor–transmitter

A: Low Battery indicator

B: DC 9V input

C: Low Battery Test button

D: Mounting hole

E: Zone Setting

F: Channel Setting

G: Battery cover

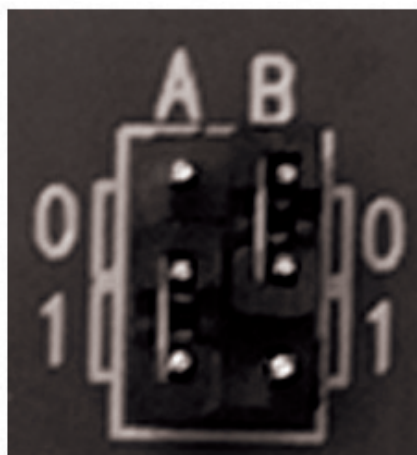
H: Sensor

SETUP INSTRUCTIONS

SETTING THE ZONE ON THE SENSOR-TRANSMITTER

The following chart indicates the 4–zone setting parameters and the picture shows a setting of Zone 1 (Z1).

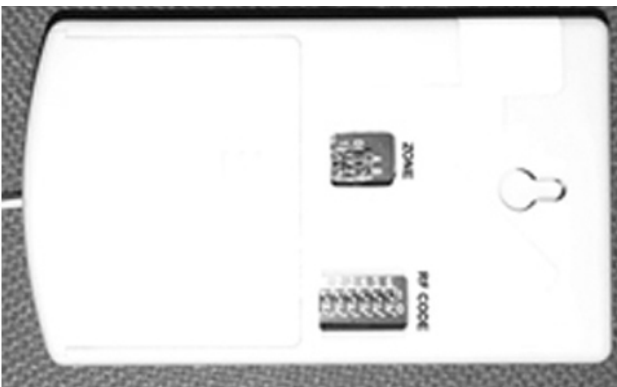
Zone Setting				
	Z1	Z2	Z3	Z4
A	1	0	1	0
B	0	0	1	1



Note: The transmitter comes factory preset for Zone 1 (Z1)

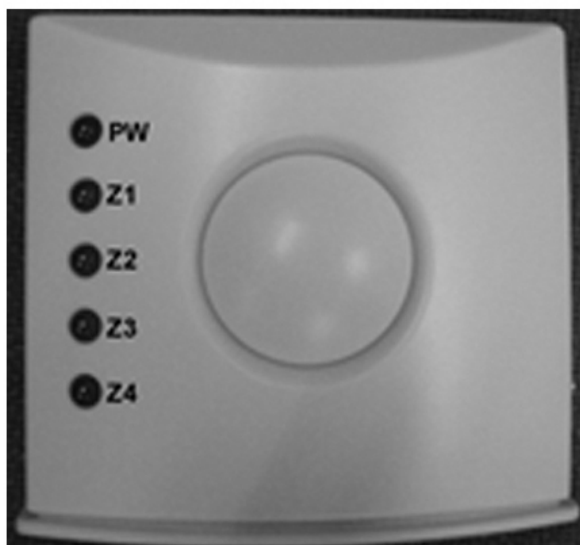
INSTALLING THE REMOTE TRANSMITTER

- Remove the battery compartment cover on the back of the transmitter.
Connect a fresh 9V battery (PP3 or equivalent) and place the cover back on.
- To check the battery condition, press the “TEST/LOW BATT.” button located on right side of the transmitter. The red LED indicator on the front of the transmitter will light up to indicate an adequately charged battery. If the LED does not light, install a fresh battery immediately.
- Mount the transmitter in an appropriate location. The transmitter is now ready to arm.



SETTING UP THE REMOTE RECEIVER

- Place the receiver in a convenient location, no further than 120 feet from the transmitter. Please note that walls, metallic objects, etc. may reduce the range.
- Plug the 120VAC Adaptor into the receiver.
- Set the ON/OFF switch to the ON position and the green LED indicator will light up. The receiver is now armed and ready.



TESTING

The Remote Alarm System should be tested after installation.

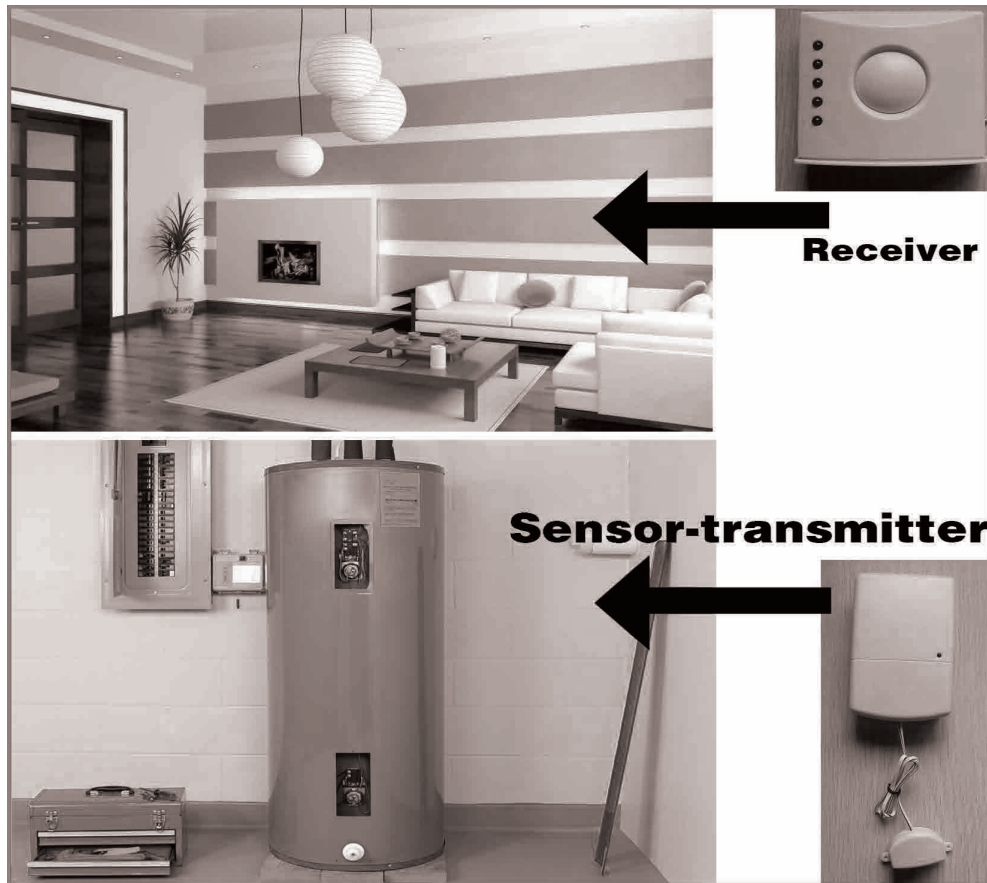
- Test for the water sensor: Place the tips of the water sensor in water and observe the receiver. If the zone indicator lights up and the transmitter "chirps", the sensor–transmitter is operating properly.
- Test for RF signal: Press the "TEST/LOW BATT." button for 5 seconds to emit the RF signal. If the zone light on the receiver lights and the alarm on the receiver sounds, the system is operating properly.
- The zone light will change to flashing if another zone has been triggered.

OPERATING INSTRUCTIONS

DEPLOY THE UNIT

The receiver should be placed in a convenient location that is commonly occupied. This will allow for quick reaction times in case of an emergency. Each of the sensors should be placed in close proximity to areas of high water usage (i.e. Hot Water Heater, Washing Machine, Sinks, etc.) and can be mounted with a suction cup on the bottom. Doing so will offer the most accurate readings and fast alert times in the event

of a water buildup. The transmitter should be mounted at least 5 in. or higher above the ground to keep it out of the way of a rising water level.



DUAL ALARMS

The receiver will activate when water reaches both of the copper contacts located in the transmitter, making it "chirp". The receiver will emit a continuous, loud beeping sound until it is turned off by the user. To reset the unit and shut off the sound, move the power switch on the receiver to OFF and then to ON. The system will not arm again until this process is completed.

SPECIFICATIONS

Wireless Range	120 ft. (37m) max (with no obstructions)
Operating Frequency	433.92 MHz
Alarm Volume	88dBA at Receiver
Receiver Zone Alarm Indicators	LEDs
Sensor Dimensions	1.57 x 1.18 x 0.55 in. (40 x 30 x 14mm)
Transmitter Dimensions	2.76 x 2.36 x 1.14 in. (70 x 60 x 29mm)
Receiver Dimensions	3.70 x 3.31 x 1.46 in. (94 x 84 x 37mm)
Length of Sensor Cord	23 in. (584mm)
Weight of Standard Package	6.0 oz. (170g)
Weight of Optional Package of One Additional Sensor and "9V" Battery (WA700SEN)	3.2 oz. (91g)
Power Source	9V AC adaptor for receiver "9V" battery for sensor— transmitter
Battery Life (typical) in Standby Mode	1 year

MAINTENANCE TIPS

CHANGING THE BATTERY

Plug the included “9V” battery into the wired socket inside the compartment. The terminals of the battery and the socket mate in only one way, with the smaller male terminal plugging into the larger female terminal.

CHANGING THE CHANNEL

In case of signal interference, or if there are multiple receivers present, you are able to change the channel setting. Using tweezers, move the jumpers to either connect or disconnect the 6 pin sets on the back of each unit. Be sure that all the transmitters are set up in the same pattern as the receiver they go to.



WARRANTY INFORMATION

In the U.S, General warrants its instruments and accessories against defects in material or workmanship for one year from the date of purchase. General will replace or repair the defective unit, at its option, subject to verification of the defect.

This warranty does not apply to defects resulting from abuse, neglect, accident, unauthorized repair, alteration, or unreasonable use of the product.

Any implied warranties arising from the sale of a General product, including but not limited to implied warranties of merchantability and fitness for a particular purpose, are limited to the above. General shall not be liable for loss of use of the product or other incidental or consequential damages, expenses, or economic loss, or for any claim of such damage, expenses, or economic loss.

State laws vary. The above limitations or exclusions may not apply to you.

We encourage you to register your product online. General will extend your warranty an additional 60 days if you register at www.generaltools.com/ProductRegistry.

RETURN FOR REPAIR POLICY

Every effort has been made to provide you with a reliable product of superior quality. However, in the event your instrument requires repair, please contact our Customer Service to obtain an RGA (Return Goods Authorization) number before forwarding the unit via prepaid freight to the attention of our Service Center at this address:

General Tools & Instruments
80 White Street
New York, NY 10013
212-431-6100

Remember to include a copy of your proof of purchase, your return address, and your phone number and/or e-mail address.



Specialty Tools & Instruments

GENERAL TOOLS & INSTRUMENTS

80 White Street

New York, NY 10013-3567

PHONE (212) 431-6100

FAX (212) 431-6499

TOLL FREE (800) 697-8665

e-mail: sales@generaltools.com

www.generaltools.com

WA700 User's Manual

Specifications subject to change without notice

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NOTICE – WE ARE NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

MAN# WA700

05/30/14