



# WATER ALARM SYSTEM

## *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 Water Alarm System. 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.

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## KEY FEATURES

- Sounds alarm at sensor-transmitter and receiver when water is detected
- 120-foot range 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. Optional package of three additional sensor-transmitters and batteries (WA700 SEN) 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

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## SAFETY INSTRUCTION

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

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## WHAT'S IN THE PACKAGE

The WA700 comes in a blister pack containing:

- Receiver with 110VAC Adapter

- Sensor-transmitter with battery
- A hard copy of this user ' s manual  
(inside the fold-over card)

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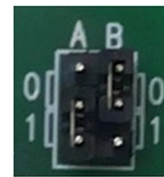
## SETUP INSTRUCTIONS

### *SETTING THE ZONE ON THE TRANSMITTER (WATER SENSOR)*

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

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



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

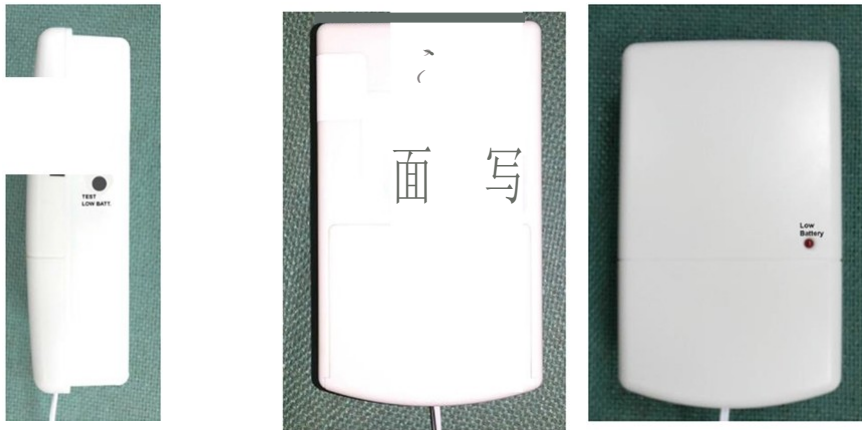
### *INSTALLING THE TRANSMITTER*

- 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/LO 认 7 BATT.” button located on right side of the transmitter. The red LED indicator on the front of

the transmitter will light up which represents a good battery is being used.

Otherwise, replace with a fresh battery immediately.

- Mount the transmitter to the appropriate location. The transmitter is now ready to arm.



#### *SETTING UP THE 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-in the adaptor to the receiver.

- Set the ON/OFF switch in the 'on' position and the green LED indicator will light up. The receiver is now armed and ready.



### *TESTING*

The 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 sounds, the system is operating properly.
- Test for RF signal: Press the “TEST/LOCK BATT.” button for 5 seconds to emit the RF signal. The zone indicator will light up solid and the transmitter will sound which represents the system is operating

properly.

- The zone indicator will change to flashing if another zone has been triggered.

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## OPERATING INSTRUCTIONS

### *DEPLOY THE UNIT*

The receiver should be placed in a convenient location in the house 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.



### *ALERT SYSTEM*

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

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## SPECIFICATIONS

Wireless Range	120 ft. (37m), max
Operating Frequency	432.92 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 Three Sensors and Batteries (WA700 SEN)	9.4 oz. (267g)
Power Source	9V AC adaptor for receiver; “9V” battery for transmitter
Battery Life (typical) in Standby Mode	1 year

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# MAINTENANCE INSTRUCTIONS

## *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.

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## 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.

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## WARRANTY INFORMATION

General Tools & Instruments' (General's) DCS1700 (The VIPER 1700) High-Performance VGA Recording Video Borescope System is warranted to the original purchaser to be free from defects in material and workmanship for a period of one year. Subject to certain restrictions, General will repair or replace this instrument if, after examination, the company determines it to be defective in material or workmanship. This warranty does not apply to damages that General determines to be from an attempted repair by non-authorized personnel or misuse, alterations, normal wear and tear, or accidental damage. The defective unit must be returned to General Tools & Instruments or to a General-authorized service center at eight prepaid and insured. Acceptance of the exclusive repair and replacement remedies described herein is a condition of the contract for purchase of this product. In no event shall General be liable for any incidental, special, consequential or punitive damages, or for any cost, attorney's fees, expenses, or losses alleged to be a consequence of damage due to failure of, or defect in any product including, but not limited to, any claims for loss of profits.



## Specialty Tools Instruments

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WA700 User's Manual

Specifications subject to change without notice

2014 GENERAL TOOLS & INSTRUMENTS

NOTICE - WE ARE NOT RESPONSIBLE FOR TYPOGRAPHICAL ERRORS.

MAN# WA700

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FCC NOTE:

This device complies with Part 15 of the FCC Rules.

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 MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS OR CHANGE TO THIS EQUIPMENT. SUCH MODIFICATIONS OR CHANGE COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.