

The Valve SCREAMER™

Motorized Valve Auto Shut Off
By Gizmode® Innovations

Specs & Technical Details:

1. Motorized Valve:

Production Specification	DN20/DN25 (NPT)
Maximum working pressure	1.0Mpa
Medium	Water, air
Rated Operational Voltage	DC5V
Working current	≤500mA
Valve body material	SS304
Switch times	≤5S
Twisting force	2N.M
Environment Temperature	-15°C~50°C
Liquid Temperature	2°C~90°C
Lifetime	70000Cycles
Level of protection	IP67

2. Power Supply:

Rated Input Voltage	100 - 240VAC
Rated Input Frequency	50/60Hz +/- 3Hz
Power Consumption (No Load)	Max 0.3W
Rated Output Voltage	0.5A 9VDC

3. Battery:

Capacity	500mAh
Rated Voltage	3.7V
Type	Chargable Lithium cell

4. Wireless:

RF Frequency	433MHZ
Output Power	10dBm
RX Current	12.2mA
TX Current	30mA
Sensitivity	-100dBm
Antenna Gain	3.0dBi
Antenna Input Impedance	50 Ω
Operational Distance	~300 - 400 feet unobstructed

Water Alarm

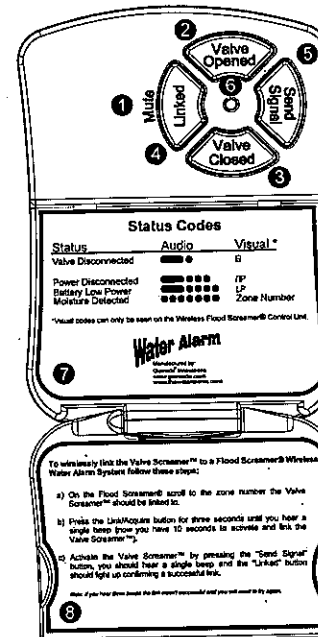
Manufactured by:
Gizmode® Innovations
www.gizmode.com
www.thewateralarm.com

The Valve Screamer™ Motorized Valve Auto Shut Off (GSN11) stops flooding from leaky pipes or faulty water heaters by closing a motorized valve and stopping the flow of water when moisture is detected. Moisture is detected by a sensor pad connected directly to the Valve Screamer™ or, if used in conjunction with the Flood Screamer® Wireless Water Alarm System (GSN0A), it may be detected through wireless sensors placed strategically throughout the premises. This is a whole house solution with the flexibility of being a point of use solution when necessary.

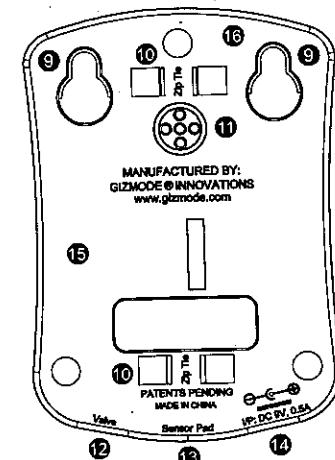
Physical Features:

1. Button Array
2. Valve Opened button.
3. Valve Closed button.
4. Linked/Mute button.
5. Send Signal button.
6. Factory reset button (recessed).
7. Status Code List.
8. Quick Link guide.
9. Wall-mount holes.
10. Zip-tie slots.
11. Internal speaker.
12. Valve port.
13. Sensor Pad port.
14. External power port.
15. Internal rechargeable battery.
16. Internal 433 MHz antenna.

Front View



Rear View



(GSN11)

Quick Start Guide

1. Have the motorized valve installed by a certified plumber.
2. Mount the Valve Screamer™ Control Unit in an appropriate location.
3. Plug the valve's controller cable into the Valve Screamer™ three-pin port on the right side.
4. Plug the sensor pad into the Valve Screamer™ center two-pin port and place the sensor pad in a strategic location for detecting moisture.
5. Plug in the power adapter to the Valve Screamer™ Control Unit and then plug into an appropriate wall socket before turning on the switch at the side of the unit.
6. Follow these steps to confirm the Valve Screamer™ is functioning properly:
 - a) Press the "Valve Closed" button. The button should light up and you should hear the valve turning off the water, confirm the water is off.
 - b) Press the "Valve Opened" button. The button should light up and you should hear the valve turning on the water, confirm the water is on.
 - c) Use a wet cloth and touch it to the sensor pad. The "Valve Closed" button should turn red, you will hear a beeping alarm and you should hear the valve turning off the water, confirm the water is off.
 - d) Press the "Valve Opened" button. The button should light up and you should hear the valve turning on the water, confirm the water is on.
7. To wirelessly link the Valve Screamer™ to a Flood Screamer® Wireless Water Alarm System follow these steps:
 - a) On the Flood Screamer® scroll to the zone number the Valve Screamer™ should be linked to.
 - b) Press the Link/Delete button for three seconds until you hear a single beep (now you have 10 seconds to activate and link the Valve Screamer™).
 - c) Activate the Valve Screamer™ by pressing the "Send Signal" button, you should hear a single beep and the "Linked" button should light up confirming a successful link. If you hear three beeps the link wasn't successful and you will need to try again.

Note: To unlink the Valve Screamer™ push and hold the "Linked" button until it beeps, about 3 seconds. Or use the "Delete" button on the Flood Screamer®.
8. To confirm the link between the Valve Screamer™ and the Flood Screamer® is working properly follow these steps:
 - a) Press the "Send Signal" button on the Valve Screamer™, you should hear the siren on the Flood Screamer®.
 - b) Press the "Siren" button on the Flood Screamer®, you should hear the Valve Screamer™ beep and if the valve is open it will close.
 - c) Activate any Water Puck® linked to the Flood Screamer®, you should hear the Valve Screamer™ beep and if the valve is open it will close.

Status Codes:

Status	Audio	Visual *
Valve Disconnected	●	E1
Power Disconnected	●●●●	FP
Battery Low Power	●●●●●	LP
Moisture Detected	●●●●●●	Zone Number

*Visual codes can only be seen on the Wireless Flood Screamer® Control Unit.

Water Alarm
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1. **Valve Disconnected.** If the cable from the Valve Screamer™ Control Unit becomes disconnected from the Motorized Valve the Control Unit will emit one long beep and one short beep. If the Valve Screamer™ is wirelessly linked to the Flood Screamer® then the Flood Screamer® will also beep and flash "E1" on the LED display.
2. **Power Disconnected.** If there is a loss of external power the Valve Screamer™ Control Unit will emit one long beep and three short beeps. If the Valve Screamer™ is wirelessly linked to the Flood Screamer® then the Flood Screamer® will also beep and flash "FP" on the LED display.
3. **Battery Low Power.** If the internal rechargeable battery becomes low on power the Valve Screamer™ Control Unit will emit one long beep and four short beeps. If the Valve Screamer™ is wirelessly linked to the Flood Screamer® then the Flood Screamer® will also beep and flash "LP" on the LED display.
4. **Moisture Detected.** If the sensor pad connected to the Valve Screamer™ Control Unit detects moisture it will continually beep. If the Valve Screamer™ is wirelessly linked to the Flood Screamer® then the Flood Screamer® will also beep/siren and flash the zone number moisture was detected in on the LED display.