

# NEXPUMP®

## Installation Guide

**Congratulations!**

You have just purchased the most sophisticated sump pump system on the market today. Please take a moment to read over the owners manual to learn more about the functionality of your new NexPump.

Please feel free to email or call us with any questions you may have about your NexPump.

Thank You for purchasing a NexPump!!

After Installation is Complete Turn On Battery Charger and enter Total Amp Hours of Connected Batteries.  
Function 'K'

### NexPump with Phone Notification

Use **ONLY** a RJ11 phone connector and it is highly recommended to install the phone line surge protector before the NexPump Unit.

LAN Port

Set Correct Mode

NexPump with Phone Notification  
Plug the NexPump and Phone Lines into the supplied Surge Protector.

It is recommended to install separate discharges. System capacity relies on this, in addition provides a backup path from clogged discharge pipes or faulty check valves or other scenarios that may prevent water flow.

Use cable ties sparingly to secure all pump and sensor cables along PVC. Make sure cables **DO NOT** interfere with sensor operation!!

Tighten Battery Terminals securely with pliers. Terminals should **NOT** be just finger tight!!

Install multiple batteries in **PARALLEL ONLY!!**  
**DO NOT CONNECT BATTERIES IN SERIES!!**  
Or  
Damage to unit will result!!

Sensor 1 (Gray)

Sensor 2 (Black)

Both Sensors must be higher than the intakes of **BOTH PUMPS** if Stacked. Install Gray Sensor as 'Sensor 1' and Black Sensor as 'Sensor 2'. Install 'Sensor 2' at least four (4) to six (6) inches above 'Sensor 1'.

Drill a 1/8" air relief hole in each vertical discharge PVC pipe. Angle the drill hole downward, so water will spray into the pit area and position the hole about 2 inches above the top of the elbow.

Use **ONLY** a 1/8" drill bit!!

**DO NOT DRILL INTO THE PUMP OR THE ELBOW!!**

SS mounting clamps are designed to be installed into the loop slot of Sensor brackets. Unscrew SS clamp and feed through the slot for proper use.

# Installation Check List

## Pre-Power Up - (DO NOT Connect the NexPump to Electric Power or to the Battery before verifying these steps)

1. Pump Adapters are tightened and installed correctly.
2. Check valves are tightened and installed correctly.
3. 1/8" Vent Hole on each Vertical Discharge PVC. About 2 inches above Top of Elbow. **DO NOT DRILL IN PUMP OR ELBOW!!**
4. Vent Hole(s) are NOT blocked by sensor clamps, nylon ties or cables.
5. If Dual Pumps installed and pumps are stacked, Pump 1 is the lowest installed pump.
6. If Pumps are stacked, Sensor 1 is installed above both pumps intake.
7. Nylon wire ties installed to PVC to secure and provide strain relief for sensor wires.
8. Nylon wire ties installed to secure pump wires to PVC.
9. All cables are secure and DO NOT interfere with Sensor Operations.
10. If using multiple Batteries, verify they are inter-connected in parallel. Negative to Negative, Positive to Positive.
11. Gray Sensor is installed as Sensor 1 and positioned correctly.
12. Black Sensor is installed as Sensor 2 and positioned approximately 6 inches above Sensor 1.
13. Control Unit is NOT on floor, NOT on a battery and at least 12 inches are allowed on both sides for ventilation.
14. Notification setup, use a phone line with an RJ11 connector ONLY.
15. Plug Supplied Surge Protector into Electric Outlet
16. Plug all phone lines to Surge Protector. Wall to Input, NexPump to Output.

## Power Up

1. Override switch is Turned Off.
2. Gray Sensor is inserted as Sensor 1 and connector is latched.
3. Black Sensor is inserted as Sensor 2 and connector is latched.
4. Pump 1 is inserted and connector is latched. **(If AiTurbo, Pump 1 MUST be pump with RED wire loom)**
5. If Dual Pump, Pump 2 is inserted and connector is latched.
6. Plug NexPump Control Unit into Wall Output **(If Phone Line Notification then Plug NexPump into Surge Protector)**
7. If using Multiple Batteries, they **MUST BE CONNECTED IN PARALLEL. DO NOT CONNECT BATTERIES IN SERIES!!**
8. Connect NexPump Battery Cable securely to Battery - Black to Negative, Red/Black to Positive.
9. Verify No Alarms (Refer to display if alarm is sounding).
10. Wait until initial self-test has completed (Will Start in Approximately two minutes).
11. Verify No Alarms (Refer to display if alarm is sounding).
12. Turn On Battery Charger and enter in correct Battery Amp/Hours. (Function 'K' )
13. Review Owners Manual for other information and settings.
14. Notification setup (Phone Line) - Perform manual test to verify phone line is connected.
15. Notification setup (LAN) - Setup connection per LAN section in Users Manual
16. Notification setup, Register your NexPump, See instruction below.
17. Congratulations Installation is Complete.

### Box Contents

Qty. 1 - NexPump Ai System Unit  
(AN - Phone Notification Module Installed)  
(ANi - Wired Internet Notification Module Installed)  
(ANiw - Wireless Internet Notification Module Installed)

#### **Model Ai Single**

Qty. 1 - High Capacity Pump w/Adapter

#### **Model Ai Dual**

Qty. 2 - High Capacity Pumps w/Adapters

#### **Model Ai Jet**

Qty. 1 - Ultra Capacity Pump w/Adapter

#### **Model Ai Turbo**

Qty. 1 - High Capacity Pump w/Adapter

Qty. 1 - Ultra Capacity Pump w/Adapter

#### **Model Ai Rage**

Qty. 2 - Ultra Capacity Pumps w/Adapters

Qty. 1 - Gray Sensor with SS mounting clamp (Sensor 1)  
Qty. 1 - Black Sensor with SS mounting clamp (Sensor 2)  
Qty. 1 - Battery Extension Cable  
Qty. 1 - Surge Protector (Supplied With Phone Notification)  
Qty. 1 - Owners Manual

### To Register your NexPump

1. Goto "<http://www.nexpump.com>", See Support Card on Unit
2. Click Register My NexPump on Menu
3. Enter complete serial number (include letters) and your complete PIN number on initial registration page.
4. On the next page enter all required information, after a successful registration you will receive a confirming Email.

### Contact Information

Phone - 630-365-4639  
Support Phone - 630-365-4639 Option 2  
Support Email - [support@nexpump.com](mailto:support@nexpump.com)  
Sales Email - [sales@nexpump.com](mailto:sales@nexpump.com)  
Website - <http://www.nexpump.com/content/support-downloads.html>