

## Operating Instructions P7831 Bird Repeller

Congratulations on your purchase of the P7831 Bird Repeller.

Please read these instructions fully before use.

The Bird Repeller provides a convenient, effective and humane way to deter unwelcome birds and animals from your property.

The P7831 features two types of audio repellants. Predator sound mode produces the sounds of hawks and falcons which helps to repel birds. Ultrasound mode produces an ultrasound that can be very unpleasant to animals but inaudible to human ears. You can test both modes to determine which works best for your pest control problems.

### WARNING

m Unit can be heavy with batteries installed. Mount unit properly or injury may occur.

m When mounting use proper hardware. Do not over tighten. Breakage may occur.

m Do not pierce any plumbing or electrical equipment when you mount the unit. Damage or injury may occur.

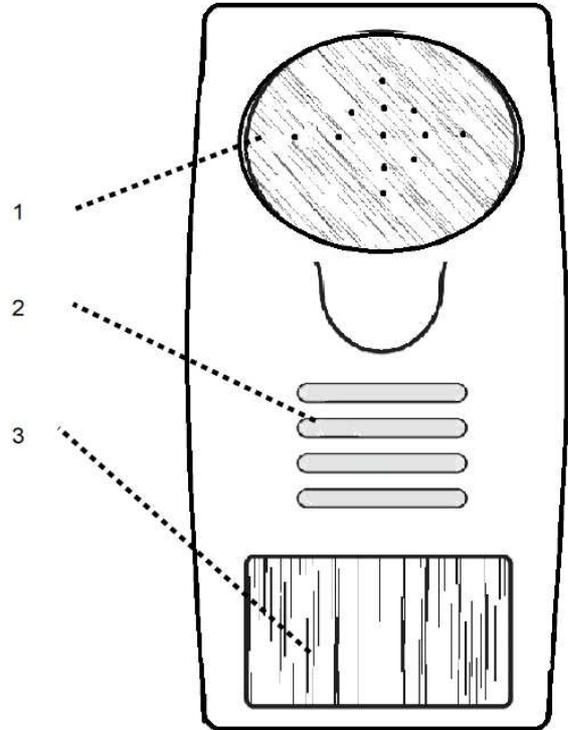
m Be sure battery compartment door is securely closed. Do not open battery compartment if the unit is wet. Otherwise water may enter and damage the unit. Injury may occur.

m Do not place your ear directly to the sound source. Sound can be very loud and may cause discomfort or injury.

m Only use quality alkaline or lithium batteries in unit. Other battery types may leak or explode causing injury. Do not mix old and new batteries.

m Dispose of exhausted batteries properly.

m When not using the unit for an extended period, remove the batteries. Stored batteries may leak and cause damage or injury.



FRONT

1. **Buzzer for Ultrasound Mode**  
Buzzer produces an ultrasound that can be very unpleasant to animals.
2. **Loudspeaker for Predator Sound Mode**  
Powerful weatherproof speaker produces sounds of hawks and falcons when activated.
3. **Passive Infrared Motion Detector (PIR)**  
The PIR feature a range of approximately 26 feet at an angle of 110 degree.

### Control Legend (see diagram):

Remove thumbscrew on rear of unit to access battery/control compartment.

1. Battery compartment: Insert 3X "D" cell alkaline or lithium batteries. Be sure to follow the polarity diagram and insert the batteries correctly. Do not mix old and new batteries.

2. SENS: Adjust the sensitivity of the PIR motion detector. Typically leave it set at maximum (fully clockwise). To reduce the coverage area rotates the control counter-clockwise.

3. VOLUME: Adjust the volume of the loudspeaker signal. Adjust to a maximum of sound volume (fully clockwise) to increase effectiveness.

4. LED: To check the Ultrasound mode. Switch the selection switch to "ULTRA" position and press the "TEST" button – the LED will light up.

5. Selection Switch: Three position switch  
SOUND – to activate the predator sound mode  
OFF – to turn off the device.  
ULTRA – to activate ultrasound mode

6. TEST: Test button to check the ultrasound mode (see 4. LED above).

### Use:

Remove thumbscrew on rear of unit to access battery/control compartment.

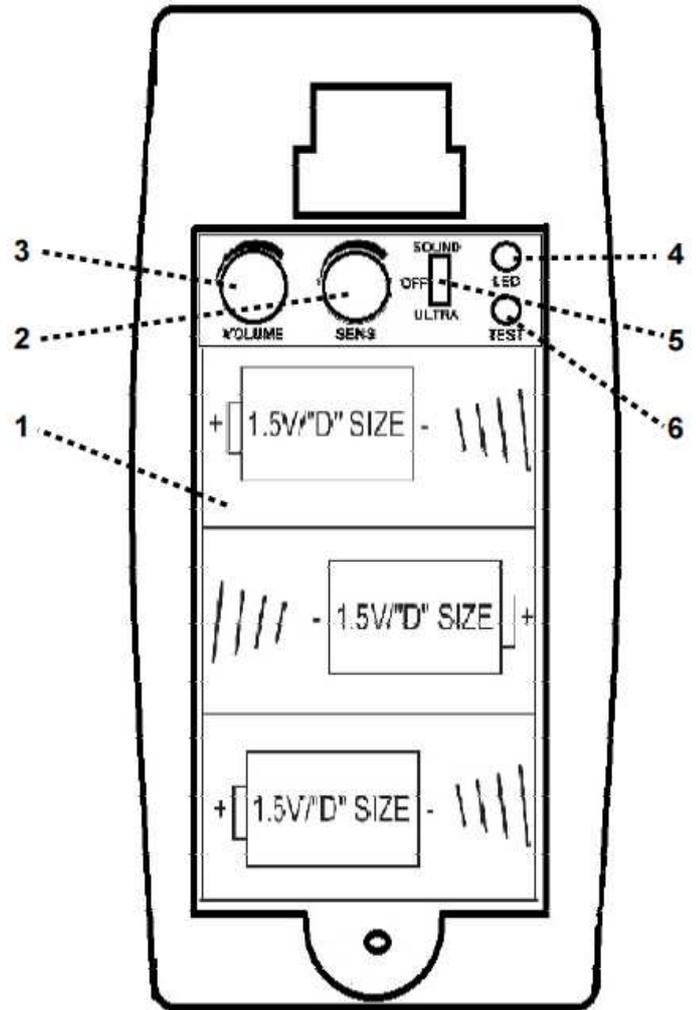
Insert 3X D cell batteries. Insure correct polarity by following the diagram. Use only new high-quality alkaline or lithium cells. Rechargeable batteries are not recommended. Dispose of exhausted batteries properly.

#### Predator Sound Operation:

Switch the selection switch to "Sound" position.  
Adjust the output volume by volume control knob.  
Adjust the sensitivity of PIR sensor by PIR knob.  
To test, wave your hand in front of the PIR lens to activate the unit.

#### Ultrasound Operation:

Switch the selection switch to "ULTRA" position.  
Adjust the sensitivity of PIR sensor by PIR knob.  
Press the test button, test LED will light up and ultrasound will start



### BATTERY/CONTROL COMPARTMENT

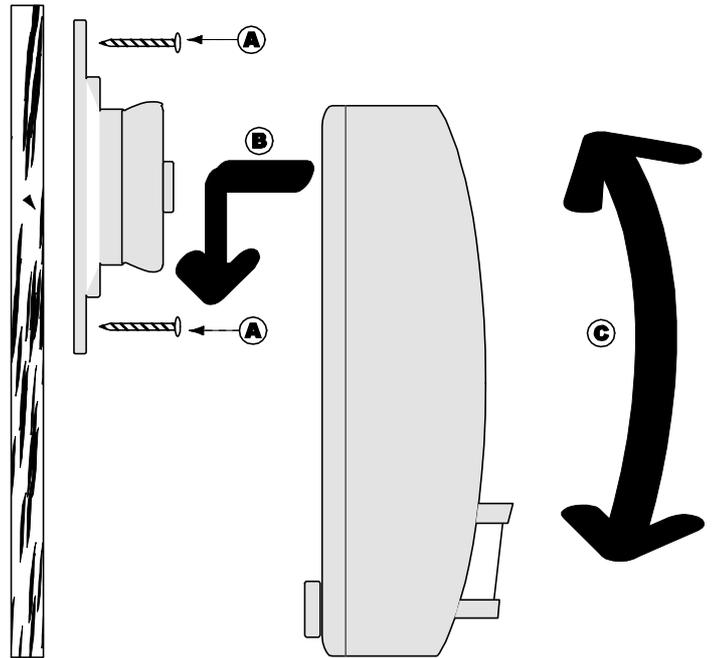
Re-install battery door and secure with thumbscrew. Insure the battery door is fully seated around the entire panel. Insure thumbscrew is tight to insure weather resistance. Do not over tighten.

**Mounting (see diagram):**

**A.** Use the included screws or other hardware to mount the base plate to a suitable mounting surface. You can attach the plate to a fencepost, structure, tree, etc. Be certain not to pierce any plumbing or electrical equipment when you mount the base plate. Mount the base plate with the screw holes vertical. The Bird Repeller unit is designed to mount to the base plate vertically. We do not recommend mounting the unit horizontally. The sensor will not work properly. Choose your mounting location carefully. The base plate allows you to adjust the angle of the Bird Repeller up or down. We suggest mounting the unit high enough that it is out of the reach of children. You can adjust the angle of the base plate down to protect the intended area.

**B.** Attach unit to base plate by sliding mounting clip into matching slot on rear of unit. Then slide unit down on the clip until it is fully engaged. Be sure clip is fully inserted in slot.

**C.** Rotate unit up and down to reach desired mounting angle. Base plate does not rotate from left to right, only up and down. PIR motion sensor has a wide angle of detection. Typically side to side adjustment is not necessary. Aim the Passive Infra-red motion detector (PIR) lens towards the protected area. The PIR features a range of approximately 26 feet at an angle of 110° (see diagram). If possible, aim the sensor at an area with fewer branches and/or vines. Branches moved by strong breezes may trigger the motion detector circuit. This is normal but should be minimized to extend battery life. The Loudspeaker has a longer range than the PIR. Once the signal is activated, the protected area will be larger than the PIR range.



**MOUNTING THE BIRD REPELLER (SIDE)**

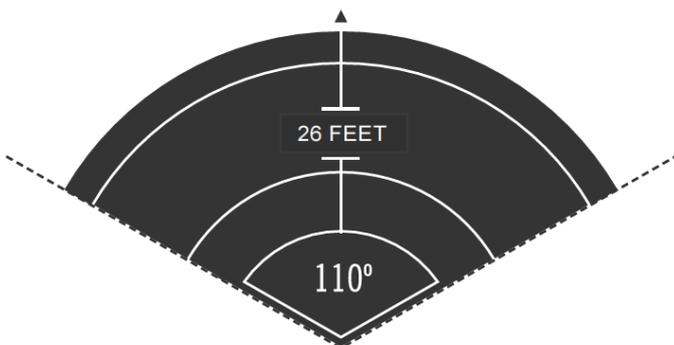
**Advice:**

When possible, mount the unit under cover. While the unit is weather resistant, shield it from direct sunlight and rain when possible.

If possible, aim the PIR motion sensor at an area with fewer branches and/or vines. Branches moved by strong breezes may trigger the motion detector circuit. This is normal but should be minimized to extend battery life.

**Specifications:**

- Model: P7831
- Power Supply: 3 x D batteries
- Ultrasound Frequency: 20 kHz – 40 kHz
- Ultrasound Duration: 20 sec/ each activation
- Sound Pressure Level: 105 dB
- Sound Duration: 60 sec/ each activation
- PIR Detection Distance 26 Feet max.
- PIR Detection Angle: 110 Degree



**PIR RANGE DIAGRAM**

Operation Temperature: 32 – 122 Fahrenheit

### **P3 INTERNATIONAL CORPORATION LIMITED WARRANTY**

P3 INTERNATIONAL CORPORATION ("P3") warrants to the original retail purchaser only, that its product is free from defects in material or workmanship under the condition of normal use and service for a period of six (6) months from the date of purchase. In the event that a defect, malfunction or failure occurs or is discovered during the warranty period, P3 will repair or replace at its option the product or component part(s) which shall appear in the reasonable judgment of P3 to be defective or not to factory specifications. A product requiring service is to be returned to P3 along with the sales receipt or other proof of purchase acceptable to P3 and a statement describing the defect or malfunction. All transportation costs shall be borne by the owner and the risk of loss shall be upon the party initiating the transportation. All items repaired or replaced thereunder shall be subjected to the same limited warranty for a period of six (6) months from the day P3 ships the repaired or replaced product. The warranty does not apply to any product that has been subject to misuse, tampering, neglect, or accident or as a result of unauthorized alterations or repairs to the product. This warranty is void if the serial number (if any) has been removed, altered, or defaced. This warranty is in lieu of all warranties expressed or implied, including the implied warranties of merchantability and fitness for a particular purpose which are expressly excluded or disclaimed. P3 shall not be responsible for consequential, incidental or other damages, and P3 expressly excludes and disclaims liability for any damages resulting from the use, operation, improper application, malfunction or defeat of any P3 product covered by this limited warranty. P3's obligation is strictly and exclusively limited to the replacement or repair of any defective product or component part(s). Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you. P3 does not assume or authorize anyone to assume for it any other obligation whatsoever. Some states do not allow limitation on how long an implied warranty lasts, so the above limitations may not apply to you. It is the owner/user's responsibility to comply with local, state, or federal regulations, if any, that may pertain to P3 products or their use. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

If you experience difficulty in the operation of your product, or if your product requires service please contact:

P3 INTERNATIONAL CORPORATION  
TECHNICAL SUPPORT

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