HIGH will increase sound output.

CAUTION: Take care when turning the dial since the unit may be in an inactive state when the dial is rotated. It could then reactivate at a very high level of sound which could be painful to your ears.

POWER SWITCH (INT/EXT. SPKR)

The power switch enables the unit to operate. Slide the switch to the **INT/EXT. SPKR** (ON) position to start the unit. This will operate the unit, and generate sound out of the unit AND out of an optional extension speaker at the same time. If you wish to operate ONLY a remote extension speaker (optional), then move the switch to the **EXT. SPKR ONLY** position.

If you turn the unit **OFF**, be sure to leave it off for about 30 seconds before turning it back on to allow the electronics to properly reset. To fully disconnect the unit, unplug the power adapter from the electrical outlet or disconnect the battery cable from the 12-volt battery.

TROUBLESHOOTING

PROBLEM	SOLUTION
Unit is on, but no sound is heard	• Check volume settings • Check time of operation settings. • Check that at least one bird is selected to play.
Unit is on, but plays the same bird over and over, regardless of settings	• Reset the unit by turning it off for 30 seconds and then back on.
Unit is not operating properly in the DAY or NIGHT mode	• Double check Mode switch settings • Make sure photocell is not obstructed. • Make sure the photocell is not affected by bright lights in either the front or the back of the unit.
Unit does not function properly when connected to a 12 volt battery	• Check battery condition • Turn power switch on the unit to the OFF position. Reconnect the battery, wait 30 seconds, then switch the unit back on

Successful Long-Term Behavior Modification

Product success takes time to build. Bird and pest habits may take several days or weeks to break. Follow all suggestions for maximum efficacy. "Instant" tests do not replicate natural conditions and give no indication of the unit's success with the infestation.

Prepare for Successful Bird Control

Bird-X, Inc. has been recognized worldwide as the bird control x-perts for 40 years. We have become experts through extensive experience and research. As a result, we are happy to analyze problems and make recommendations based on each customer's specific situation and needs. In addition, we provide the following recommendations for greatest success, even before activating the repeller.

Remove inducements. Clean the area of all evidence of birds: nests, fledglings, droppings, dead birds, and the residential scent. Because birds and their droppings can carry many diseases, use extreme caution when removing them. Do not breathe or come into direct contact with them. If you have questions about how to do this safely, consult an expert. (Adult birds are likely to return to their young in order to protect them or to assist them in leaving the area.) Remove food spillage, garbage, nesting material and other appealing items.

Survey the birds to determine flight and time patterns, entries and exits, and nesting, feeding and roosting habits. This will suggest the unit placement, speaker direction and time of operation you should choose. Make educated guesses as to where the birds will go when they are repelled from their current infestation, and consider additional units to cover these alternative areas.

Maintain a clean and changing environment. Periodically clean the area of nests and droppings, relocate or reposition the unit, vary the output, or turn off the unit for a short time.

Install early, before "bird season" begins, as it is easier to keep the birds away than to rout them out once they have established a living pattern.

Use products synergistically. Two or more different kinds of devices (this repeller plus a visual scare product and/or a roost inhibiting device) will produce a synergistic effect -- i.e., in combination, the products will yield much greater effectiveness than the one alone. Contact us for information on "companion" products.

INSTALLATION
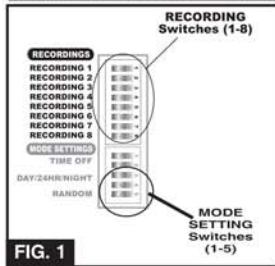
Important safety-related information:
a) Do not install the device during rain or snow conditions.
b) Installation shall be made in such a way that a power supply and the internal part of the control unit never be subjected to water or snow.
c) Note that the power supply is intended for dry location use only.

1) Point the unit toward the bird infestation. Expect a maximum coverage area of approximately 1 acre in a long dispersion pattern. Set the unit on a flat surface or mount it to a wooden post using the mounting bracket and screws (included).

2) Plug one end of the AC adapter into the **POWER** jack (located on the back of the unit). Plug the adapter into any standard electrical outlet. An optional battery cable may be used to connect the control unit to a 12-volt battery. If this is done, first connect the black battery clip to the negative terminal on the battery and then connect the red battery clip to the positive terminal. Both the connection to the electrical outlet (or battery) and the connection of the power cable inside the control unit must be protected from dripping or splashing water. Do not set an object filled with liquids on the control unit.

3) Set the DIP switches located on the front metal faceplate of the unit, (see **Switch Array #1** and **Switch Array #2**) to the desired settings. See the section **"Programming your BirdXPeller PRO"** for specific programming information.

4) Turn the volume switch to **LOW** (Minimum).

5) Turn the power switch (located in the upper right hand corner of the faceplate) to **INT/EXT. SPKR** (ON position). *(NOTE: The unit may take a couple of seconds before starting).*

6) Adjust the volume to the desired level.

7) *After turning the unit OFF, be certain to wait AT LEAST 60 SECONDS before turning it back on.*

8) Close the cover and latch shut. Ensure that the cover is properly latched closed and do not open the cover during rain or other conditions that would expose the inside of the control unit to water.

PROGRAMMING YOUR BIRDXPELLER

FIG. 1

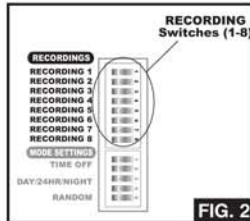To program your BirdXPeller PRO unit you will need a small screwdriver, toothpick, or other pointed, rigid object to move the switches in the switch array **(see FIG. 1)**. The switch arrays are the switch banks located in the bottom right-hand corner on the faceplate (inside the clear front cover). **A switch is ON if the switch is moved to the right-hand side. The switch is OFF if the switch is moved to the left-hand side.**

BIRD RECORDING SETTING SWITCHES

The Bird Recording Switches are the **first eight switches (FIG. 2)** in Switch Array #1. **Each switch has a recording number to the left of it that corresponds with the bird descriptions listed on the foil label inside the cover on the front the unit, they are as follows:**
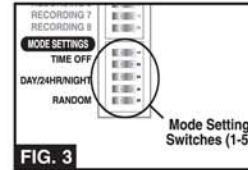

FIG. 2

1 Pigeon I
2 Pigeon II/Bird Predator I
3 Starling/Pigeon III
4 Sparrow
5 Gull I
6 Gull II
7 Bird Predator II
8 Bird Predator III

For best results, choose a combination of both predator calls AND bird distress recordings to create the most natural scenario.
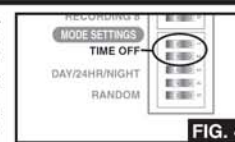
MODE SETTING SWITCHES

The Mode Setting Switches are the **last five switches (FIG. 3)** in Switch Array #2. These set the various modes of operation: such as the amount of time between playing bird distress calls, when the unit will operate (day only, night only, or 24-hours), and whether the unit will operate in the random mode or normal mode.

FIG. 3

Switch	Mode or Function
1	Sets the Time-Off Period
2	Sets the Time-Off Period
3	Sets the Time the unit plays
4	Sets the Time the unit plays
5	Turns Random Mode On or Off

DELAY SWITCHES

The **two** "Delay" or Time-Off Switches are **located just below** the Recording Switches (1-8) in the switch array **(FIG. 4)**. The unit will delay a number of seconds or minutes between recorded sounds when the unit is set to one of the various Time-Off Modes. **The TEST setting is appropriate for testing, but is NOT recommended for long-term success.** Please note that the unit will play all of the selected recordings (either sequentially or non-sequentially, depending on the Random Mode), then it will go into a delay. The time the unit stays off depends on the Time-Off and the Random Mode Settings. If the unit is operating in Random Mode, the unit will delay anywhere from the minimum value to the maximum value for that Time-Off setting. If the unit is not in Random Mode, it will delay only the minimum value.
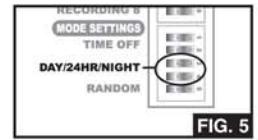

FIG. 4

To set the Time-Off period (or delay interval), use the following settings on switches **1** and **2** in the Mode Function Settings.

Switch 1	Switch 2	Time Off Period
ON	OFF	Test (17-50 sec.)
OFF	ON	Medium (1-4 min.)
ON	ON	Long (5-10 min.)
OFF	OFF	X Long (10-30 min.)

TIME OF OPERATION SWITCHES
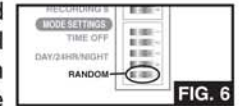
The **two** Time of Operation switches are **located**

just under the Time-Off Switches in the switch array **(FIG. 5)**. The unit will operate day only, night only, or continuously (24-hours). However, the photocell that senses the sunlight is susceptible to bright lights. Take care not to have bright lights shining toward the front of the unit since this can prevent the unit from operating properly. To set the time period for the unit to operate set switches **3** and **4** in the Mode Function settings to the following:

FIG. 5

Switch 3	Switch 4	Mode
ON	OFF	Day Only
OFF	ON	24-Hour
ON	ON	Night Only
OFF	OFF	Night Only

RANDOM OPERATION SWITCH

The Random Operation Switch is the **bottom switch** in the switch array **(FIG. 6)**. The unit will randomly play the selected recordings in non-sequential order when operating in Random Mode. When the unit is not operating in the Random Mode, the unit will play the selected recordings in a sequential order. *The Random Mode is recommended to keep birds from adapting to a preset pattern of sounds.* To operate the unit in Random Mode, set switch 5 as follows:

FIG. 6

Switch 5	Mode
ON	Random mode ON
OFF	Random mode OFF

PROGRAMMING EXAMPLE

Bird Recording Switches: | **Results:**

1, 3, 5 and 6 to "ON" position | Plays Birds 1, 3, 5 & 6

Mode Switches:

1 = "OFF" position
2 = "ON" position (Medium), every 1 to 4 minutes
3 = "ON" position
4 = "OFF" position Operates during daylight hours only
5 = "ON" position In random, non-sequential order

VOLUME CONTROL

The unit has a volume control dial on the front panel of the unit. Turning the dial toward **LOW** will reduce sound output and rotating the dial toward