

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 in Mode settings as follows:

Switch 5	Mode
ON	Random mode ON
OFF	Random mode OFF

### PROGRAMMING EXAMPLE

Recording Switches: 1, 3, 5 and 6 to "ON" position  
 Results: Plays Bird 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 result in reduced sound output and rotating the dial toward high will result in an increase in 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

The power switch enables the unit to operate. Slide the switch to the ON position to start the unit. 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.

## TROUBLESHOOTING

PROBLEM	SOLUTION
Unit is on, but no sound is heard	<ul style="list-style-type: none"> <li>• Check volume settings.</li> <li>• Check time of operation settings.</li> <li>• Check that at least one bird is selected to play.</li> </ul>
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	<ul style="list-style-type: none"> <li>• Double check Mode switch settings.</li> <li>• Make sure photocell is not obstructed.</li> <li>• Make sure the photocell is not affected by bright lights in either the front or the back of the unit.</li> </ul>
Unit does not function properly when connected to a 12 volt battery	<ul style="list-style-type: none"> <li>• Check battery condition.</li> <li>• Turn power switch on unit to the OFF position. Reconnect the battery, wait 30 seconds, then switch the unit back on.</li> </ul>

### LIMITED WARRANTY

IF YOU ARE NOT COMPLETELY SATISFIED, CONTACT THE PLACE OF PURCHASE OR OUR CUSTOMER SERVICE DEPARTMENT WITHIN 1 YEAR OF YOUR DATE OF PURCHASE FOR PROMPT AND COURTEOUS REPLACEMENT, REPAIR OR REFUND.

BIRD GARD LLC'S LIABILITY HEREUNDER SHALL BE LIMITED TO REFUNDING THE PURCHASE PRICE PAID BY CUSTOMER OR REPLACING THE PRODUCT, IN BIRD GARD'S SOLE DISCRETION, AND UNDER NO CIRCUMSTANCES SHALL BIRD GARD BE LIABLE FOR ANY CONSEQUENTIAL OR INCIDENTAL DAMAGES, OF ANY NATURE WHATSOEVER, ARISING FROM THE CUSTOMER'S USE OR OPERATION OF THE PRODUCT; PROVIDED, HOWEVER, THAT THIS LIMITATION MAY BE LIMITED BY STATE LAW.

EXCEPT FOR THE EXPRESS ONE-YEAR LIMITED WARRANTY SPECIFICALLY DESCRIBED HEREIN, BIRD GARD DISCLAIMS ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, RELATING TO THE PRODUCT, INCLUDING, BUT NOT LIMITED TO, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR IMPLIED WARRANTY OF FITNESS; AND THE EXPRESS WARRANTIES ARE IN LIEU OF ALL OBLIGATIONS OR LIABILITIES ON THE PART OF BIRD GARD ARISING OUT OF OR IN CONNECTION WITH THE SALE, USE, OR OPERATION OF THE PRODUCT.



P.O. Box 1690 • 254 West Adams Avenue  
 Sisters, Oregon 97759 U.S.A.  
 1-888-332-2328 • Fax 541-549-5286  
 info@birdgard.com • www.birdgard.com

## Digital Bird Repeller



### PRIOR TO INSTALLATION

Your complete Bird Gard® Super Pro AMP kit includes a control unit, 40-watt solar panel, battery cable with clips and a 20-speaker tower. Open the control unit by lifting the two latches on the side of the enclosure.



Cable Strain Relief

Prior to operation, route the speaker and power cables from their respective jacks on the control panel down through the cable strain relief in the lower part of the enclosure.

IMPORTANT: Be certain that the power switch is in the OFF position and the volume control is set to the minimum (LOW) volume level (counterclockwise) as shown in Fig. 1 when powering up the unit.

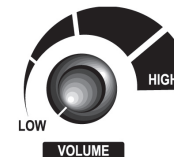
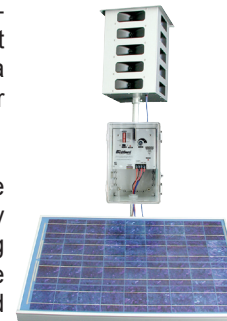


Fig. 1

### SETUP AND INSTALLATION

- 1) Use the mounting hardware (included) to mount the control unit box to a wall, post, pole or other vertical surface.
- 2) Attach the battery cable assembly to a 12V battery (not included) matching the positive and negative terminals. The other end of the cable comes pre-installed into the power terminal block. Attach the two speaker wires from



Complete system shown mounted on a pipe with solar panel.

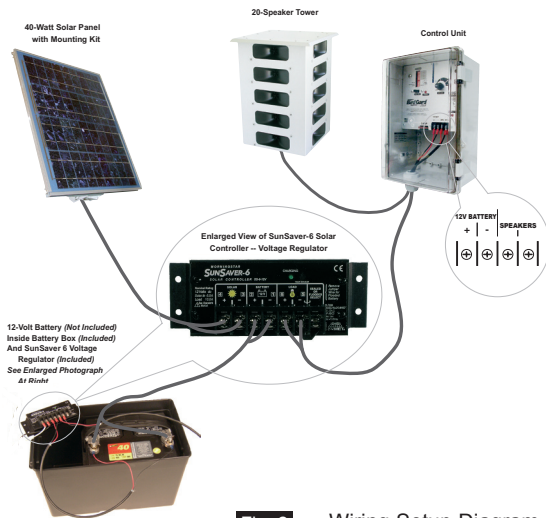


Fig. 2 Wiring Setup Diagram

the 20-speaker tower to the speaker terminals on the generating unit. Connect the solar panel to the battery matching the positive and negative terminals on both ends. (Fig. 2)

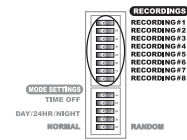
- It is recommended to mount the 20-speaker tower on a pole or surface that is aimed directly and at the same level as the infected area.
- Set the "Recordings" switches, "Mode Settings" switches, Time Off switches, Time of Operation switches and Random Operation switches to the desired settings. (See "PROGRAMMING YOUR SUPER PRO AMP" for complete details on how to program your bird repeller).
- Make sure the volume setting is set to LOW (all the way counterclockwise).
- Slide the power switch to the ON position. The unit may take a few seconds before starting.
- Adjust the volume to the desired level.
- Close the cover and latch shut.

**PROGRAMMING YOUR SUPER PRO AMP**

To program your Super Pro AMP unit you will need a small screwdriver, toothpick, or other small, rigid object to toggle the switches in the switch

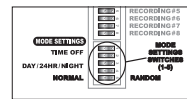
arrays. The switch arrays are the switch banks located in the top left corner of the unit to the left of "Recordings" and to the right of "Mode Settings". A switch is ON if the switch is moved to the right-hand side. The switch is OFF if it is moved to the left-hand side.

**RECORDINGS SWITCHES**



The Recordings switches are the first eight switches in the top switch array. Each switch has a recording number to the right of it that corresponds with the bird descriptions listed on the foil label affixed to the EPROM board and chip assembly.

**MODE SETTINGS SWITCHES**



The Mode Setting switches 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.

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

**TIME-OFF SWITCHES**

The two Time-Off switches are located just below the Recording switches in the switch array. When the unit is set to one of the various Time-Off modes, the unit will delay a number of seconds or minutes between recorded sounds. 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

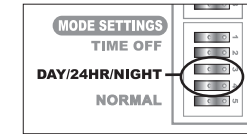


setting. If the unit is not in Random Mode, it will delay only the minimum value. To set the Time-Off period (or delay interval), use the following settings on switches 1 and 2 in the mode function settings.

Switch 1	Switch 2	Time Off Period
ON	OFF	Short
OFF	ON	Medium
ON	ON	Long
OFF	OFF	Extra Long

Mode	Min	Max
Short	17 sec	50 sec
Medium	1 min	4:15 min
Long	5:00 min	10:00 min
XLong	10 min	30 min

**TIME OF OPERATION SWITCHES**

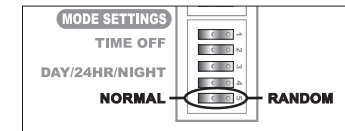


The two "Day/24hour/ Night" switches are located just under the Time-Off switches in the switch array. 'Night Mode' operates the

unit at night and 'Day Mode' operates the unit during the day. However, the photocell that senses the sunlight is susceptible to bright lights. Take care not to have bright lights shining towards the unit since this can prevent the unit from operating properly. In 24-hour mode, the unit will operate continuously, regardless of the time of day. To set the time period for the unit to operate set switches 3 and 4 in the Mode Function settings to the following:

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

**RANDOM OPERATION SWITCH**



The "Random" switch is the bottom switch in the switch array. When operating

in Random Mode, the unit will randomly play the selected recordings in non-sequential order. When the unit is *not* operating in the Random Mode, the unit will play the selected recordings in a sequential