

**SHOCK TRACK** *For Birds!*

## Installation Instructions



**For Technical Assistance Call  
1-800-392-6915**



**BIRD•B•GONE** INC.

# **SHOCK TRACK** **INSTALLATION INSTRUCTIONS**

## **CAUTION – READ BEFORE STARTING INSTALLATION!**

**Bird-B-Gone's Shock Track** is a low profile electric track system that is easy to install with some basic electrical knowledge. To be used on an flat surface in an open area where birds may be loafing. (Example: window ledges, parapet walls, open beams, etc.) As with all Bird-B-Gone products if you have any questions please call our technical support @ **1-800-392-6915**.

### **PRIOR TO INSTALLATION:**

1. Determine the width of area to be covered to calculate number of rows required.
2. Determine type of charger to be used (Direct Wire or Solar).
  - a. Tape Measure
  - b. Pencil or Pen
  - c. Utility Knife
  - d. Scissors
  - e. Voltage Tester
  - f. Crimping Tool
  - g. Pliers
  - h. Wire Cutter/ Stripping Tool
  - i. Polyurethane Construction Adhesive & Caulking Gun

◆ **Be sure to use a polyurethane adhesive to secure Shock Track to the mounting surface. Approximately 1 tube per 25 feet of track.**

**DO NOT INSTALL SHOCK TRACK WHERE IT MAY COME INTO CONTACT WITH PEOPLE.**

**WARNING:** Electric track systems should not be used if contact with flammable liquids, vapors, or fumes is possible. Electric track systems should never be used in and around gas stations.



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## Step 1 Selecting a Charger:



**Solar Charger CHG-SLR740** covers up to 300 linear feet of track and lead wire. (when using solar charger make sure there is southern exposure.)

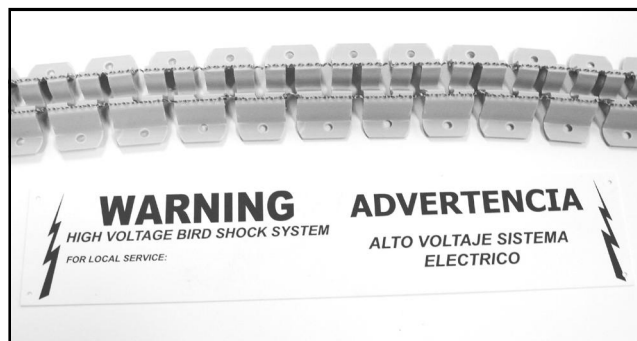


**Direct Charger CHG-AC750** covers up to 500 linear feet of track and lead wire. (Must be protected from the elements placed in a Bird-B-Gone waterproof box model CHG-ACBOX.)



**Super Charger Direct CHG-ACBFC** covers up to 2000 linear feet of track and lead wire. (Direct Charger must be enclosed in a waterproof box.)

Be sure to install **Bilingual Warning Labels** every 10 feet and near charging units



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## Step 2 Preparing Surface for Installation:

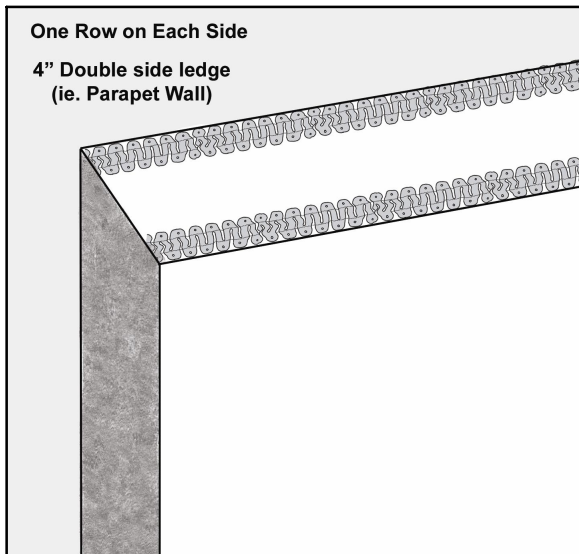
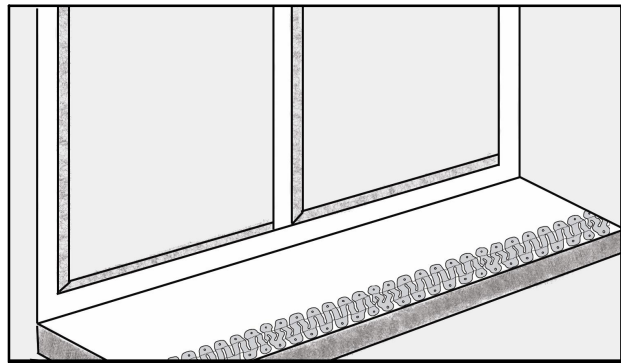


Remove all loose debris and bird droppings. Surface should be thoroughly cleaned and disinfected using Bird-B-Gone's Disinfectant **DIS-SQ8**.

## Step 3 : Determine Number of Rows:

For Single Side Ledges/ Surfaces (i.e. ledges that have a back wall, window, etc.):

1" – 12"	Use 1 Row of Shock Track
13" – 24"	Use 2 Rows of Shock Track
25" – 36"	Use 3 Rows of Shock Track



For Double Sided Ledges/ Surfaces (i.e. parapet walls, etc.), you will need to run a row on each side of the surface, as close to the edges as possible. Use the following chart for the number of rows:

1" – 4"	Use 1 Row of Shock Track on Each Side.
4" – 15"	Use 2 Rows of Shock Track on Each Side.
16" – 28"	Use 3 Rows of Shock Track on Each Side.

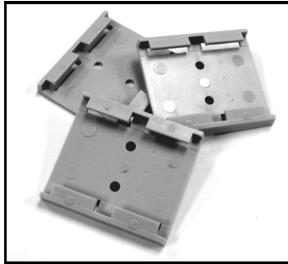


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# SHOCK TRACK INSTALLATION INSTRUCTIONS

## Step 4 Installing Shock Track Mounting Clips:

**Install Shock Track Mounting Clips before installing the Shock**



Mounting Clips



Attach Mounting Clips Every 3 Feet.

- ◆ **Be sure to use a polyurethane adhesive to secure Shock Track to the mounting surface. Approximately 1 tube per 25 feet of track.**

Screw or glue mounting clips every three feet on mounting surface. Place a dab of adhesive to top of clip and insert track.

- Shock Track Mounting Clips should be mounted to the surface as close to the outside edge as possible.
- Shock Track Mounting Clips should be spaced no more than 3 ft. apart.
- Attach Mounting Clips with
  - We recommend Bird-B-Gone Adhesive **ADE61**.
  - Product will attach best if both screws and adhesive are used.
  - Be sure to allow enough time for Mounting Clips to set up before installing the track into the mounting clips.

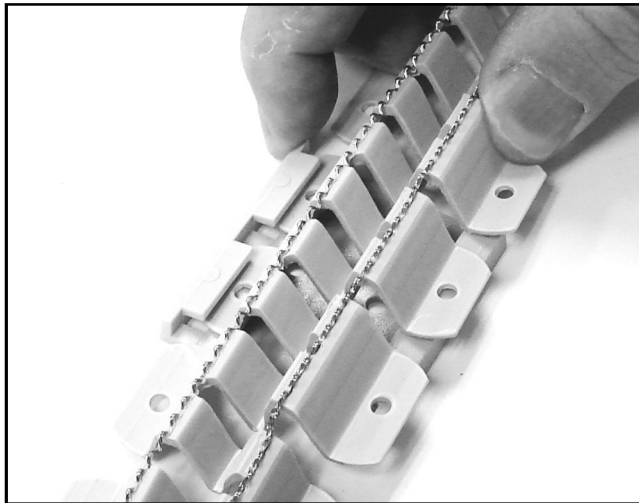


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# SHOCK TRACK INSTALLATION INSTRUCTIONS

## Step 5 Attaching Shock Track to the Mounting Clips:

- Unroll Shock Track and start attaching to the mounting clips.
- Begin attaching track at the end farthest from the charger.
  - Do not leave spaces on either “end” of the ledge or surface that Shock track is treating, as this will provide an area for birds to sit.
  - ***Glue and Snap-fit the Shock Track down into each mounting clip.***
  - ***Glue remaining track (between mounting clips).***
  - ***All shock track strips should be adhered (glued or secured) to surface area being treated.***

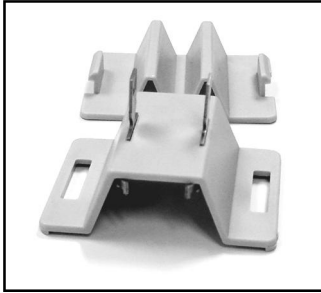


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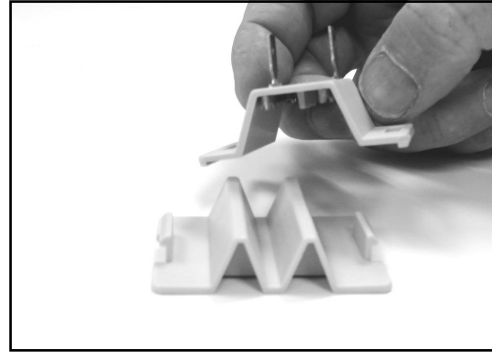
# SHOCK TRACK INSTALLATION INSTRUCTIONS

## Step 6 Attaching Sections of Shock Track:

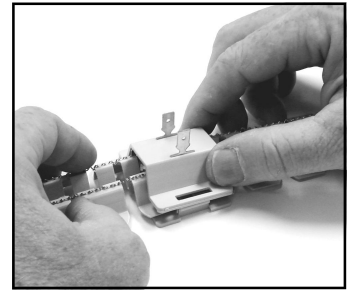
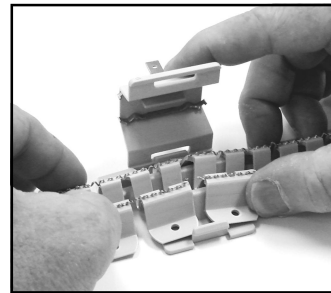
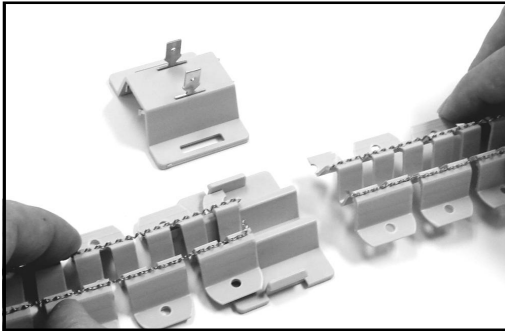
### Attaching Shock Track Connectors:



Shock Track Connector **ST-CTR10**

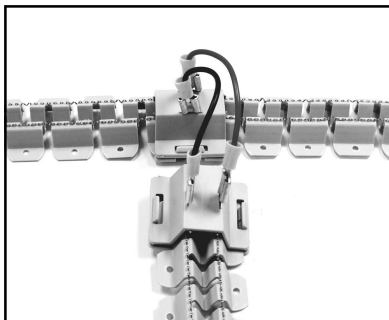


1. Slide end of Shock Track into Connector Base; Slide end of new track into other side of connector base.



2. Snap top of **Shock Track Connector** in place (apply pressure to insure full contact of pins)
3. Apply Adhesive under connection and under rest of Shock Track.

### Attaching T-Connections:



1. Cut a 3-4" section of track and attach **Shock Track Connector** as in Step 6 "**Attaching Connectors**".
2. Using lead in wire, attach Shock Track power connector to all four wires.
3. Slide power connectors over tabs of Shock Track Connector.



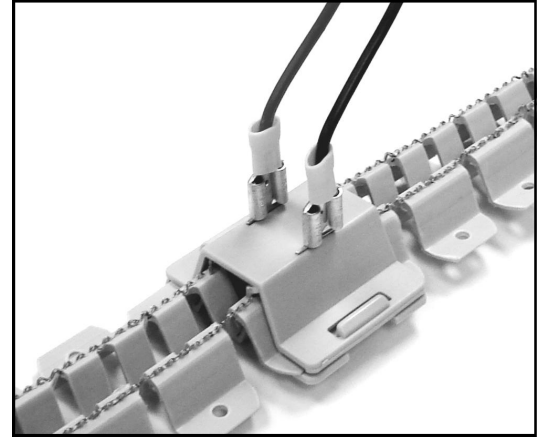
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# SHOCK TRACK INSTALLATION INSTRUCTIONS

## Step 7 Attaching Shock Track to Charging Unit:

### Attaching Wire from Shock Track Connector to Charger.

- Attach yellow power connectors to end of lead wire.
- Attach a **Shock Track Connector** to track closest to charger.
- Slide yellow power connector over power tabs on snug fit connectors.
- Crimp to secure.
- Test Charging Unit with voltage meter
- Attach power loops to charging unit
- Test track connectivity with voltage meter



Direct Charger is to be housed in a NEMA Type 4 or 3 weatherproof enclosure. **CHG-ACBOX**



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## **WARNING – TO ENSURE SYSTEM SAFETY AND INTEGRITY**

Be sure to mount Warning Labels in areas where they are clearly visible to anyone who may come in contact with the Shock Track Electric Track System.

Do not use more than one energizer (Solar or Direct Charge) on the same run of the Shock Track system.

Be sure to provide your customer (plant managers, building maintenance personnel, general management, etc.) with DETAILED Shock Track System Operation, Including:

Drawings/ Documentation on Location and Position of Shock Track System.  
System Operation Details, including how to disconnect/ reconnect if necessary.

Safety information and troubleshooting.

**NEVER COME IN DIRECT CONTACT WITH THE SHOCK TRACK SYSTEM WHILE IT IS TURNED ON!**

**DO NOT TURN OFF SYSTEM ONCE INSTALLED,** as that will facilitate birds landing again. Bird droppings could short circuit the system when the

**WARNING:** Electric track systems should not be used if contact with flammable liquids, vapors, or fumes is possible. Electric track systems should never be used in and around gas stations.



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