



Installation of Bird-Shock® Flex Track®

Target Pest Bird: **All Species**
Recommended Pressure: **All, especially heavy**

Installation Instructions

Please read these instructions thoroughly before attempting to install your Bird Shock Flex Track system.

Bird Barrier's Bird-Shock Flex Track is a relatively simple product to install. You will benefit from some electrical knowledge, and the ability to adapt things to certain circumstances. While the system has been well thought out, there may be situations where you need to improvise. Our Customer Service department can help you if you have problems, or need additional assistance. They can be reached at (800) 503- 5444, 7am to 5pm Pacific Time.

Required Tools

- Cut & Strip Tool for Lead Wire
- Connector Crimp Tool
- Track Cutter Tool or Strong Scissors
- Bird Barrier Bond and caulking gun
- Utility knife or pocket knife
- Tape measure
- Pen or pencil

STEP 1 - Choose the ideal position for the Charger Unit

Whenever possible, position the Charger Unit as near the starting point of the track system as possible.

Solar Chargers need to face due south to capture as much sunlight as possible. Plug-in Chargers (110v.) need to be installed out of the weather. Use a NEMA 3R rated box to protect the 110v unit when exterior placement is required. When installing the 110v unit, make sure it is plugged into an outlet that has been installed by a licensed electrician. It is not necessary to install the charger unit close to the track; it's just more convenient that way. You can run lead-out wire from the unit to the track up to a total lead wire and track distance of 550 feet.



STEP 2 - Clean the intended track location.

The track requires a clean surface for the bond to adhere to. Use Dissolve-it to break down droppings for easy cleanup...If possible it is best to pressure wash the surface area. If applying to a painted surface, test a small area to be certain that the installation will not pull up the paint.



STEP 3 - Layout the Flex Track and cut to fit

The Track is delivered in 50 foot rolls. The track should be placed in position very near to where it will be secured to the surface using bond. Flex Track will easily adapt to many surface imperfections and obstacles found on ledges and roof surfaces and is easily cut and joined to handle tight turns. Take the time now before getting out the bond to make your cuts and corners.

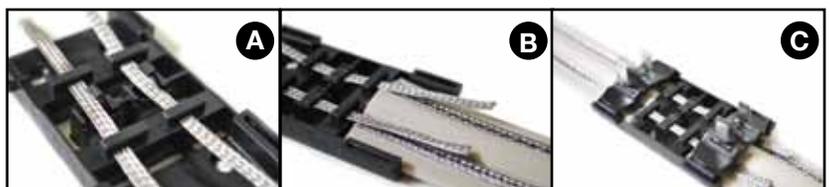


Step 4 - Attach Quick Connectors to Track

Quick Connectors

Straight Connections

Quick Connector set includes a center component, two snapping caps and two strands of the stainless steel braided wire. (A) To make a connection, thread the stainless steel braid the two holes in the connector and lock the braid in place. The steel braid moves current between one track to the next. (B) Take one track and set it down in one trough, lay the braids on top and (C) take the locking cap and press it down on top, making sure stainless steel braids are in place. To connect the other

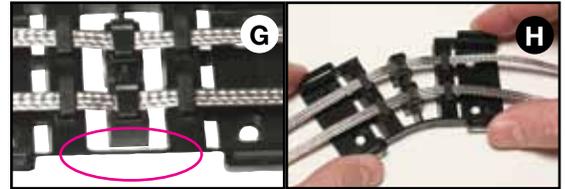


side, take the track and place in the remaining trough, put the braid down on top and press the cap down until it locks. (D & E) To make sure you don't have any short circuit, trim off all excess pieces of braid. (E) Notice that the two male connections sticking up can be used to connect to a lead wire or another track. If not being used, make sure you bend them down away from each other to prevent arcing.



Corner Connections

A quick connector set can be used to create a 90 degree corner in the track. (G) You will need to cut out one side of the center component. Thread the SS braid through the center locking snaps. Take the track, slide it into the trough, make sure the braid is centered on top of track braid and lock with the snapping caps. (H) Bend the center component to the desired angle and then place the other side of the track into the trough and lock it down.



Quick Taps

Another part of the quick connector system is the quick tap. Slide the base under the track and lock it down using the snapping caps. The male connections sticking up will allow you to "jump" from track to track or to the power charger. A parallel connection between tracks can be accomplished by placing a quick tab jumper connector on a track next to the first track and connecting them using lead out wire.



If you ever run out of quick taps but have quick connector straight sets, cut the center component in half and you will have two quick tap jumpers.

To remove a cap, take a screw driver and insert it into the side of the center component until the snapping cap is released.

Standard Connectors

(I) Use a knife to cut the stainless braid free from the track base. Cut back under the braid about 1/2". On one side of the track Trim off about 1/4" of the exposed braid to allow room for the connectors. Twist the braid into a wire like form. Stand the braid up straight from the track to allow easy installation of the connector. (J) Slide on the appropriate Male or Female connector for this splice. (K) Crimp across the barrel as shown, inline with connector. When performing the crimp always use a Ratchet Crimp Tool to insure a complete and tight crimp. (Bird Barrier product warranty does not cover crimps) Install and crimp the second connector.



Corners Connections

Flex Track can make gentle side to side curves to conform to building features, but it will need to be cut to handle abrupt corners. Corner Connectors are supplied with each roll of Flex Track and additional connector packs are available for complex jobs. A Flag Connector is used to make a tight turn in the braid for corners.



Use the very tip of the ratchet Crimp Tool to crimp the Flag Connector. This will insure a tight connection to the braid. This connection can be tricky so we suggest that you "Tug" on the end to insure that the Flag connector is secure.



Connections Supplied with each 50' Spool

- Connection from Track to Charger Unit (1 Set)
- Straight Connections (4 Sets)
- Corner Connections (4 Sets)

Additional connection kits available separately

- Straight Connection Kit 50 Sets
- Corner Connections Kit 50 Sets
- "T" Junction Kit 25 Sets

The "T" Junction Kit has special connectors that support the ability to splice into an existing track and run in a different direction. Kit contains installation instructions.



STEP 5 – Bond the Flex Track to the structure

Apply Bird Barrier Bond to the back of the Flex Track paying special attention to the track ends where the connectors are.



STEP 6 – Snap together the connectors

Press together the connectors for tight fit. Be certain that the individual braid stays separated from each other. If necessary use some bond to hold the connectors in place.



STEP 7 – Attaching Track to the Charger Unit

The Track and the Charger unit are connected using our copper dual lead wire. This special highly insulated wire is available separately in several in colors to match your needs. To connect the wire, simply strip the ends of the dual leads and connect the Ring connector to one end and the appropriate male or female connector to attach the wire to the Flex Track.

