

flatwire™

PIN CONNECTOR USER MANUAL

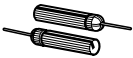
Thank you for buying FlatWire. This high-performance system enriches the audio and aesthetic quality of all environments. FlatWire can be painted to greatly reduce the visibility of wire on your wall, or completely hidden with mesh tape, concealing compound (mud) & paint. Please read all instructions before initiating your installation.

Please visit www.FlatWireReady.com for additional products, FAQs and technical assistance.

FlatWire Products Required for Installation



x100 feet of Speaker FlatWire



x10 Pin Connector



x10 Strain Relief



x2 Spray Adhesive



x2 Mesh Tape



x1 DVD



x1 User Manual

Tools for Installation



Pencil



Screwdriver



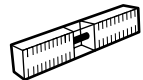
Scissors



Tape Measure

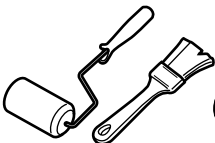


Plastic Smoother



Level

Tools for Concealment



Roller or Paintbrush



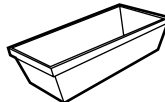
Painter's Tape



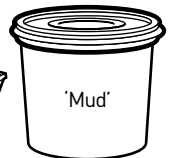
Paint



Compound Knife



Compound Tray



Concealing Compound

Important Safety Instructions

SAVE THESE INSTRUCTIONS

INSTRUCTIONS PERTAINING TO A RISK OF FIRE, OR INJURY

IMPORTANT SAFETY INSTRUCTIONS

- Read all instructions.
- Do not install Spekaer wire in a moist or wet location.

Hazards & Warning For FlatWire Ready® Spray Adhesive:

DANGER:

- EXTREMELY FLAMMABLE
- LIQUID AND VAPOR.
- VAPORS MAY CAUSE FLASH FIRES.
- CONTENTS UNDER PRESSURE.
- VAPORS HARMFUL. CAUSES EYE IRRITATION.
- HARMFUL OR FATAL IF SWALLOWED.
- KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY

DANGER: CONTAINS HEXANE (110-54-3), ACETONE (67-64-1), XYLENE (1330-20-7), METHYL ETHYL KETONE (78-93-3), PROPANE (74-98-6) AND ISOBUTANE (75-28-5). Causes eye, skin, nose, throat and respiratory tract irritation. Vapor harmful. May affect the brain or nervous system causing dizziness, headache, nausea or unconsciousness. Prolonged exposure to skin may cause dermatitis. May be harmful if absorbed through the skin. Prolonged vapor inhalation may result in severe physical injuries. Hexane exposure can cause peripheral nerve damage to arms and legs, which may be permanent. May be toxic to blood, liver, kidneys and reproductive system.

PRECAUTIONARY MEASURES FOR USE, HANDLING, STORAGE AND

DISPOSAL: Vapors may ignite explosively. Vapors may cause a flash fire. Prevent buildup of vapors by providing fresh air such that chemical odors can not be detected during use and while drying. Open all windows and doors. Keep away from heat, sparks and open flames. DO NOT smoke. Vapors may travel long distances to a source of ignition and flash back. Extinguish all flames and pilot lights, and turn off stoves, heaters, electric motors, burners and other sources of ignition and static electricity. Disconnect all appliances during use and until all vapors are gone. Vapors are heavier than air and will collect in low areas. Check all low areas (basements, sumps etc.) for vapor before entering. DO NOT breathe vapors. Odor is not an adequate warning for hazardous conditions. If you experience eye watering, headache or dizziness or if air monitoring demonstrates vapor levels that are above applicable

FlatWire Ready® Spray Adhesive

Cautionary Information Continued

limits, wear an appropriate, properly fitted respirator during use and after application. Follow respirator manufacturer's directions for respirator use. DO NOT get in eyes, on skin or clothing. Wear appropriate gloves to prevent skin contact (neoprene or nitrile). Wear goggles or protective glasses with side shields. Wash thoroughly after handling. DO NOT use or store in direct sunlight. DO NOT expose to heat or store at temperatures above 120°F. Store away from stoves and radiators. Exposure to heat or prolonged exposure to direct sunlight may cause bursting of the can. DO NOT puncture or incinerate (burn) can. Close container after use. See Material Safety Data Sheet for additional information. For a Material Safety Data Sheet contact your supplier or visit www.flatwireready.com.

FIRST AID:

EYE CONTACT: Flush immediately with large amounts of water for at least 15 minutes and get medical attention immediately.

SKIN CONTACT: Wash thoroughly with soap and water.

INHALATION: If you experience difficulty breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical attention immediately.

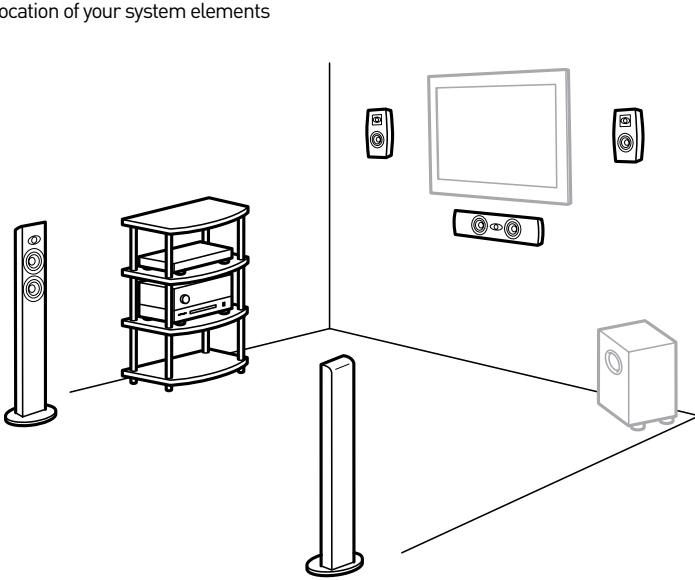
INGESTION: DO NOT INDUCE VOMITING. Call physician immediately.

CALL 1-800-327-3874 IF IRRITATION OR COMPLICATIONS ARISE FROM ANY OF THE ABOVE ROUTES OF EXPOSURE (U.S. and Canada).

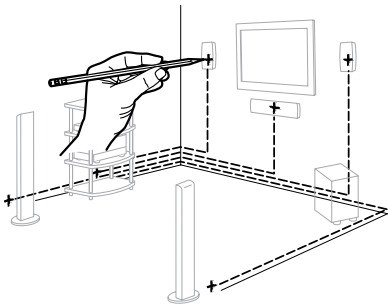
CALL 1-800-535-5053 FOR CHEMICAL EMERGENCIES such as **SPILLS, LEAKS, FIRE, EXPOSURE OR ACCIDENT.**

Installation Instructions

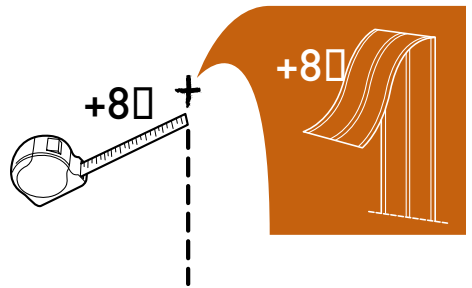
Plan the location of your system elements



1A : Mark path to speakers

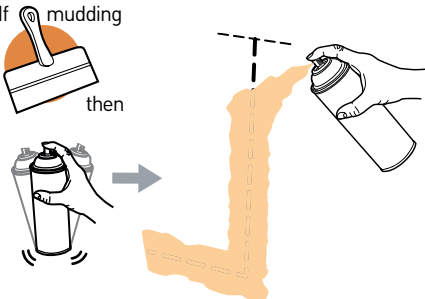


1B : Add 8 inches of FlatWire for each speaker (for each connector)

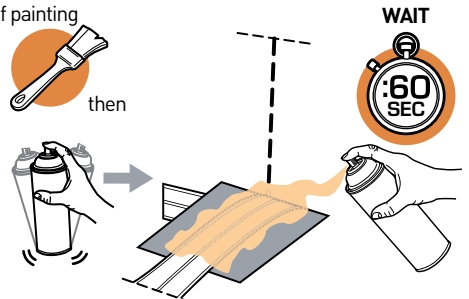


2A : Shake can. Spray adhesive to path for concealment with joint compound, or spray FlatWire directly for concealment with paint. Spray 8' or less at a time. Wait 60 seconds.

If mudding



If painting



WAIT

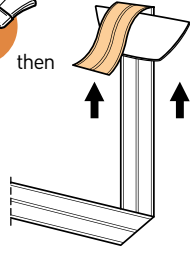
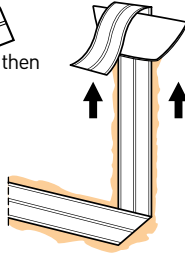


Follow Directions for Use & Cautionary Instructions on Spray Adhesive can.

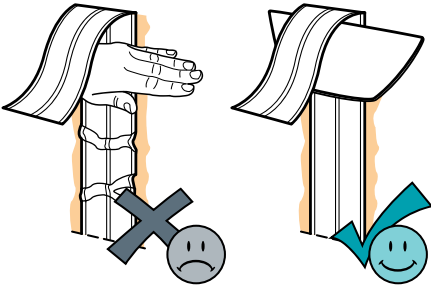
2B: Spray adhesive into folds



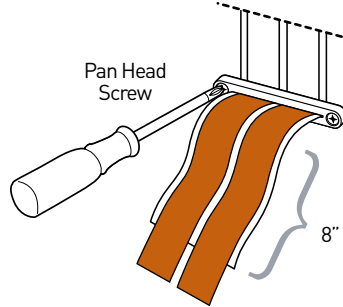
2C: Press FlatWire to path with plastic smoothing tool



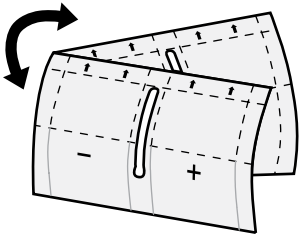
2D: Apply sweeping pressure with plastic smoother



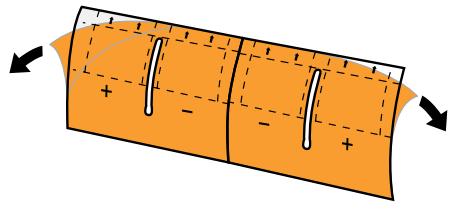
3A: Mount Wall Anchors to surface after sliding the FlatWire through



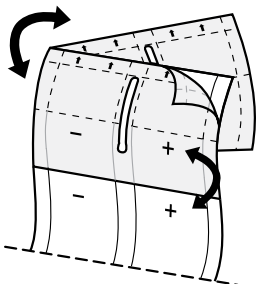
3B: Crease Strain Relief



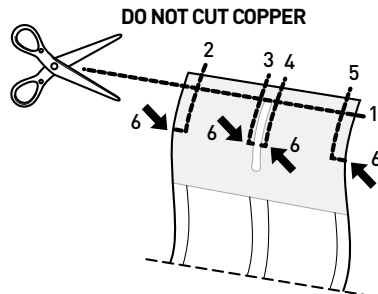
3C: Peel back off of Strain Relief



3D: Place Strain Relief on FlatWire: ALIGN PLUS TO PLUS

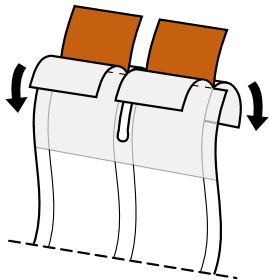


3E: Trim Strain Relief on BLACK lines



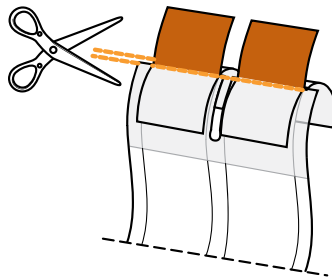
3F: Peel back Strain Relief & insulation layer on each side of FlatWire

DO NOT CUT COPPER

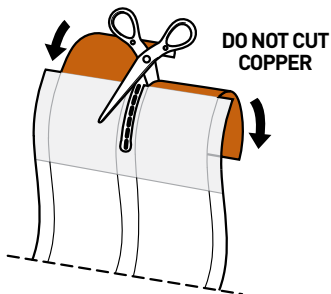


3G: Trim Strain Relief on ORANGE lines

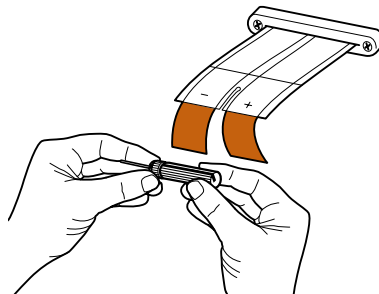
DO NOT CUT COPPER



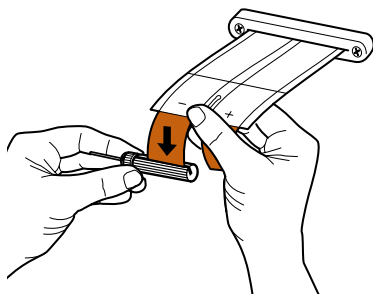
3H: Trim Strain Relief between exposed copper



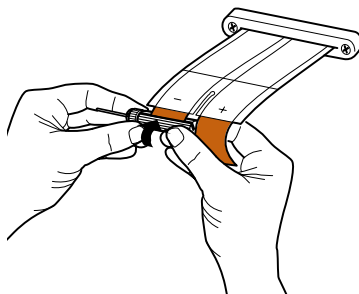
3I: Rotate connector sleeve to align the sleeve slot with the gold inner slot



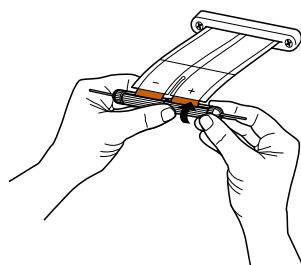
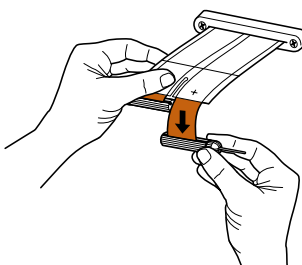
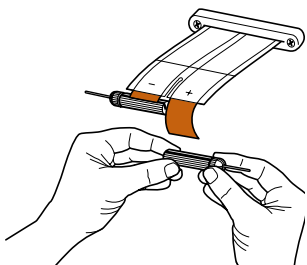
3J: Slide wire into connector slot, match Positive to Red & Negative to Black



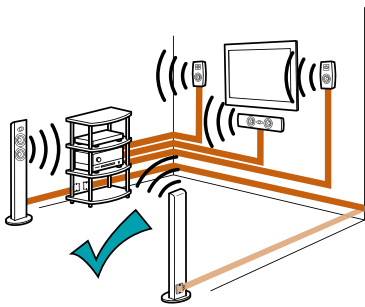
3K: Rotate connector sleeve towards wire, rolling exposed copper onto gold inner.



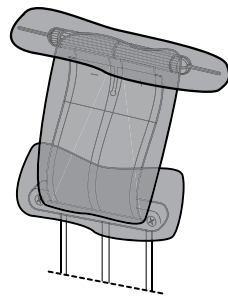
3L: Repeat 3I through 3K, match Positive to Red & Negative to Black. Turn the connectors as needed to plug into your speakers.



3M: Connect & test entire system



3N: Disconnect & remove speakers: Cover Wall Anchors with painter's tape



4A: Paint over FlatWire or proceed to step 4H

If painting



then

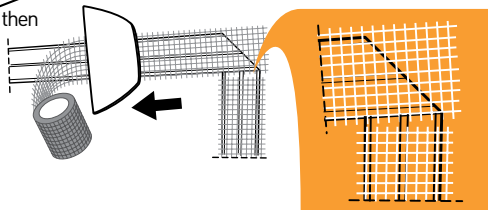


4B: Apply mesh tape over FlatWire (do not overlap the mesh tape)

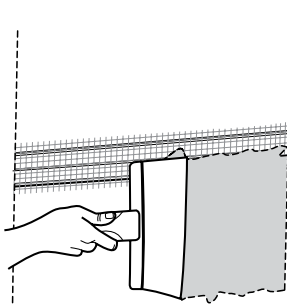
If mudding



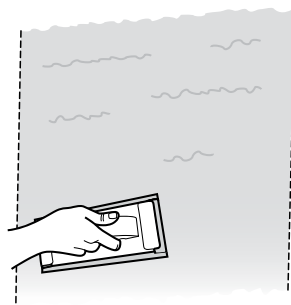
then



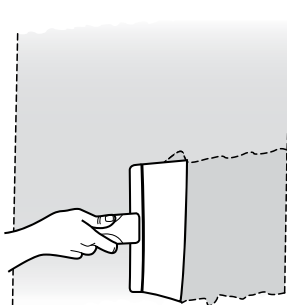
4C: Apply thin & wide layers of joint compound



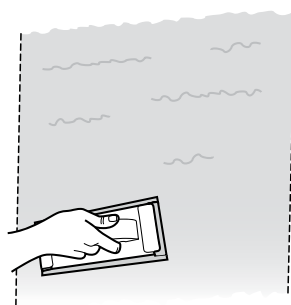
4D: Sand uneven or lumpy areas

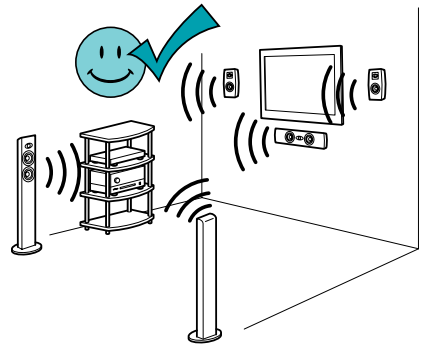
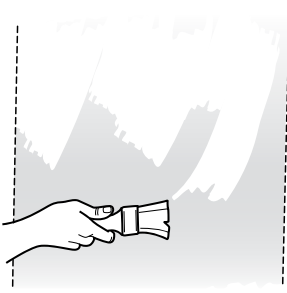


4E: Apply additional layers of compound



4F: Sand until blended with surface





Tips & Tricks

- Clean surfaces of dirt and loose particles
- Work in sections 8 feet or less when adhering FlatWire to surfaces.
- Minimize folds as possible.
- Spray adhesive into folds to avoid air bubbles.
- Don't install FlatWire where you intend to hang pictures.
- Run FlatWire adjacent to molding or trim.
- Insert under chair rail as possible, & when FlatWire runs over chair rail, do not use compound on the chair rail - only paint the FlatWire.
- Avoid layering runs of FlatWire, when possible.
- Consider using textured paint.
- Use a flexible plastic wallpaper smoothing tool for professional results.
- Ensure copper is exposed when terminating speaker wire inside the wall box.

For Further Installation Tips & Tricks or Helpful Suggestions, call:

1-888-FLATWIRE

Before Returning this Product PLEASE CALL: 1-888-FLATWIRE



Southwire[®]

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Carrollton, Georgia 30119

www.FlatWireReady.com