



CRL Y0003CR

Cable Display Installation Guidelines

Recommended to be anchored on a good strong substrate (wood backing, ceiling beams or studs).

Due to the diversified variety of applications, weight limitations for the Cable Systems are dependent on anchoring substrate.

Review the "How it Works" illustration for a quick visual understanding of the system and clearly comprehend the installation instructions below.

- 1) Use the 165HB Hanger Bolt Driver to safely install the Dual Threaded Bolts (Hanger bolts) leaving only the fine machine threading exposed to hang each Cable from. Depending on Material / Substrate a pilot hole might be required.
- 2) Install Cover Disk's on Exposed machine threading part of hanger bolts and secure the Cable Swaged Swivel Fitting head of the Cables in place then follow Step 3&4.
- 3) If the Cables will be going to the Floor / Counter or Wall. Align/Plumb/Level Cable location and mark the installation spot where each Cable will be anchored to and repeat Step 1. For Tile/Granite floor material, use a plastic anchor to secure the Dual Threaded Bolts (Hanger bolts). On Concrete Floors, use the Y12CA Anchor (see separate instruction on Y12CA installation instructions)
- 4) With the bottom Bolts in place, thread on the Cover Disk and install the Bottom Cable Anchor fitting and go onto step A/B.

Once the Cable has been installed, follow these steps for each Cable run

- A) If using the Y033CR Drill-Thru Shelf supports insert the Cables through the 1/2" hole of the Shelf and secure the Y033CR Supports. (Note: If the Y033TR Trim Ring is being use, it needs to be inserted prior to the Shelf.) (see that they're properly inserted to keep the cable from fraying).
- B) Install all your Connectors that will be holding the Glass panels aligning accordingly to each Cable.
- C) Remove all the set screws from each of the Cable slots of the Connectors to allow the Cables to slide into the slot. (see that they're properly inserted to keep the cable from fraying).
- D) Once each Cable is in the slot of the Connectors and properly aligned/leveled re-install the set screws and tighten down to hold the Panels in place.
- E) If the Bottom Cable Anchors were installed as Step 4 described, remove them and set aside to do Step F.
- F) Pull the Cable down to straighten / tension and bring it parallel (side by side) to the Screw to mark the spot where to cut the Cable. The Cable should be cut with a 3/8" gap between the Cable and Screw. NOTE: the cutting of the cable should be done once you're sure the System and all Shelves / Panels are properly in desired place. Once it's cut and if relocating or adding connectors the cable end can fray and might need to be replaced for a successful installation.
- G) Remove the top nut and internal two piece jaws from the Bottom Cable Anchors and re-install once the Cables have been marked. It's a good idea to reverse the bottom anchor 2-3 turns (1/8") away from the cover Disk to obtain a firm tension on the Cable.
- H) With the Bottom Cable Anchors in place and without their nut and jaws, insert the cable end through the nut and then insert the cable end inside the Bottom Cable Anchor.
- I) Slide the nut up to allow you to drop in the two piece jaws inside the Bottom Cable Anchor with the smaller end pointing upward and tighten the nut.
- J) Drive the Tensioner back down to the Disk to tighten down and obtain the final tension on the Cable.

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Y12CA

Concrete Anchor Installation Instructions

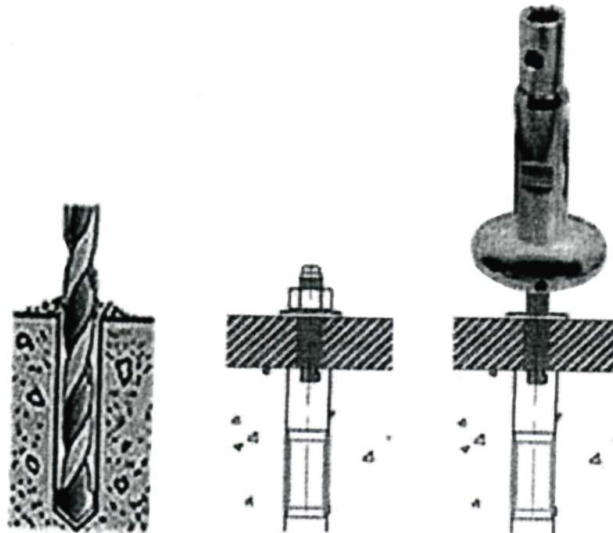


CRL Concrete Sleeve Anchors used for the installation of Cable Display Systems are constructed of high quality steel components. Each part is zinc plated and assembled into a ready-to-use Anchor. The Anchor consists of a Threaded Stud with an outwardly flared cone-shaped end. A Washer and Hex Nut are then assembled on the Stud completing the Anchor assembly.

Things you will need: Hammer, Concrete/Carbide Bit, Hammer Drill, and Goggles.

2-1/4" Hole Depth Required

1. Using a 1/4" Drill Bit, drill a hole into the substrate material no more than 2-1/4" deep.
2. Clear the hole of all debris.
3. Insert the Anchor into the drilled hole. Push the Anchor into the hole until the entire non threaded part of the anchor is imbedded
4. Make certain the Nut is flush with the top threaded part of the Anchor. Tap the top of the Anchor with a hammer gently right on center of the carefully pounding it to have the bottom coned shape end of the anchor to flare inside the hole and firmly secure the anchor in place.
5. Now back the Nut completely off the threaded Stud.
6. Thread and tighten the Cable System Bottom Anchor/Tensioner firmly onto the threaded top of the Anchor.



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