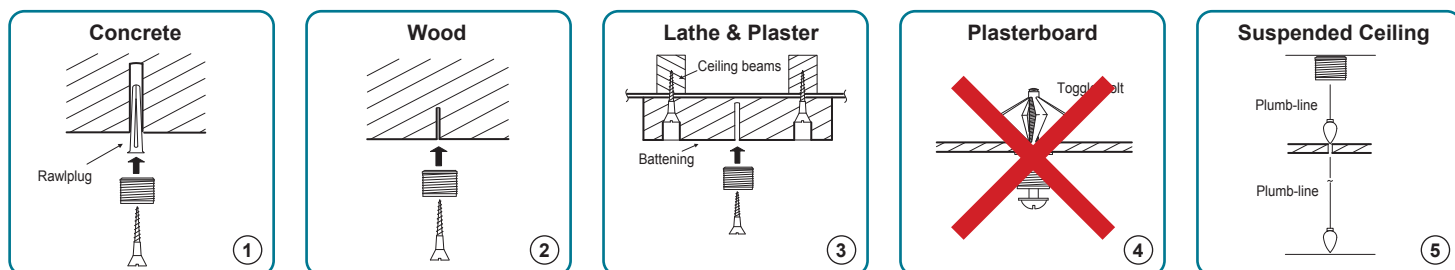


Installation Guidelines

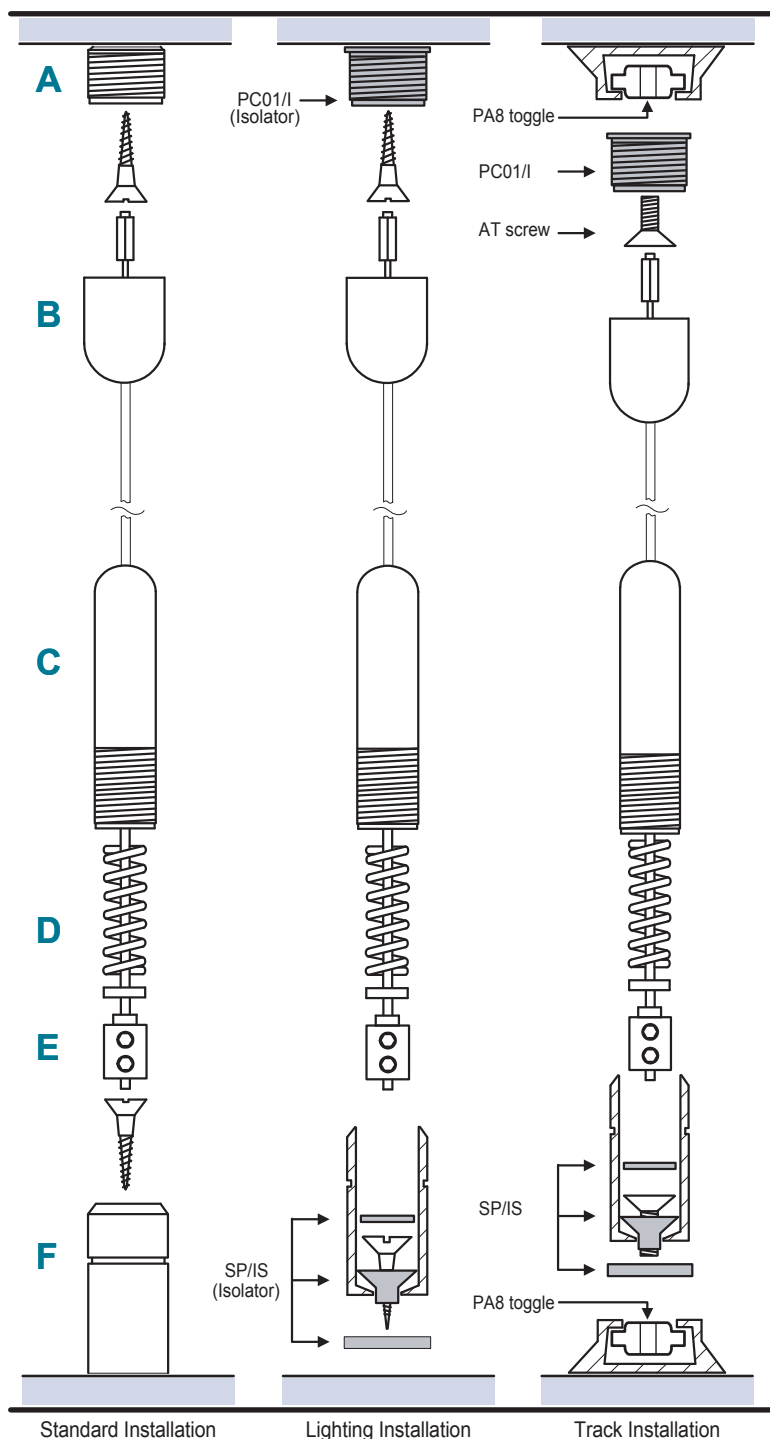
NOVADISPLAY®
INNOVATIVE DISPLAY SOLUTIONS

1.5mm Cable Display Systems

800.753.9688 • www.novadisplay.com



***** DO NOT INSTALL INTO PLASTERBOARD (DRYWALL) CEILINGS OR WALLS IF YOUR APPLICATION INCLUDES GLASS SHELVING OR OTHER HEAVY ITEMS.**



Top to Bottom (CA4) - Cable Installation

IMPORTANT: It is essential to check that the top ceiling fixings are strong enough to take the weight of the items being displayed, while allowing for the tension in the cables.

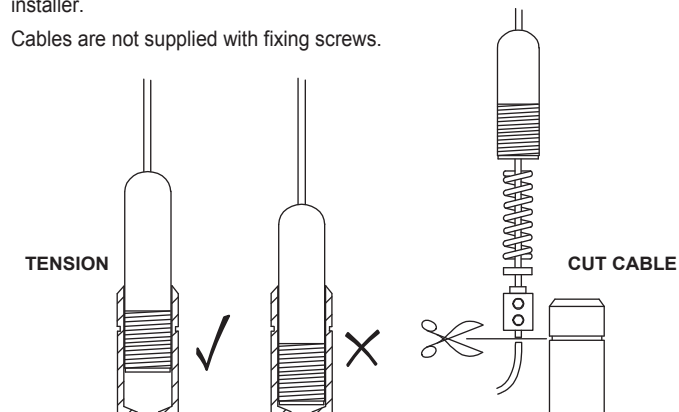
Isolators must be used where power is required through the cables (lighting etc), and fixings are into metal, or conductive materials.

When fitting isolated cables remember to replace the top brass fitting with the plastic **PC01/I** isolator, and add bottom isolator **SP/IS** to bottom fitting.

- 1) Fix fitting (A) to ceiling:
- for wooden ceilings use a wood screw.
- for cavity ceilings use a spring toggle bolt.
- for solid ceilings use a rawlplug and screw.
- 2) Screw fitting (B) to fitting (A).
- 3) Using a plumb-line, descend from (A), and affix (F) to the floor using appropriate type of fixing. For isolated cable remember to include the **SP/IS**.
- 4) Loosen the grub screws in fitting (E), using the allen key provided, and slide fittings (C), (D), and (E) up the cable.
- 5) Pull down and cut off excess cable in-line with the decorative line around fitting (F) (see below).
- 6) Tighten (E) on the end of the cable.
- 7) Adjust the tension of the cable by screwing (C) into (F).

NOTE: It is important to check the strength of the top fixing. NOVA DISPLAY® takes no responsibility for incorrect installation. This responsibility relies with the installer.

Cables are not supplied with fixing screws.



Installation Guidelines

Glass Shelving Fixing - CG15 Support Installation

- 1) Attach a clamp support to each corner of the glass shelves at 3/4"-1" distance from edge (fig 1).

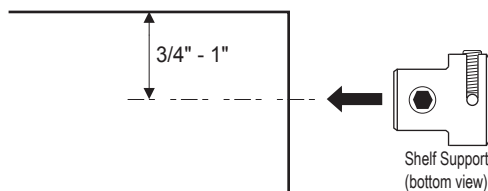
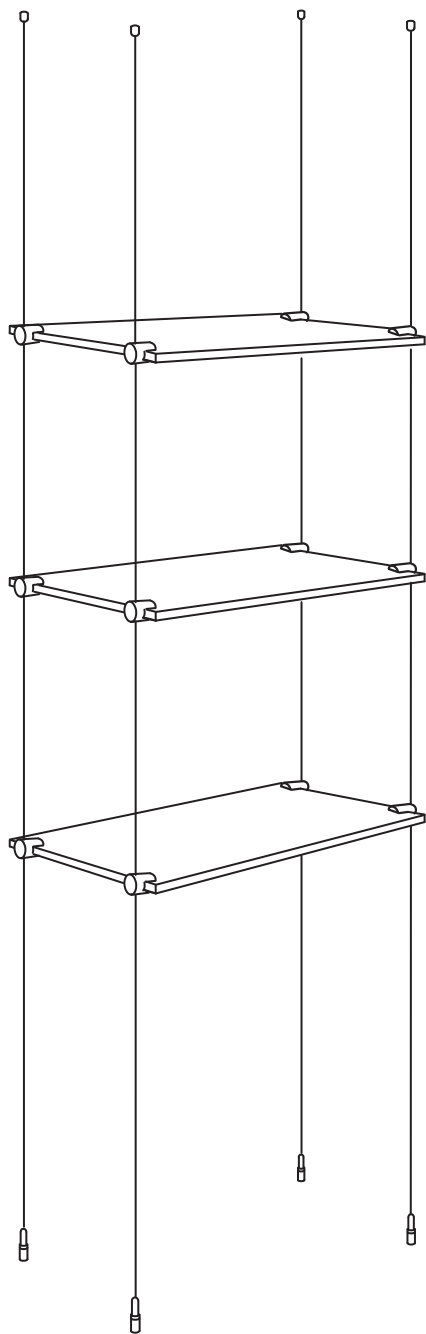
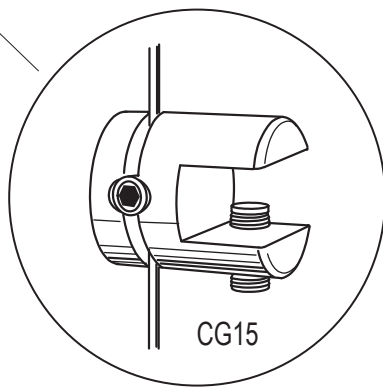
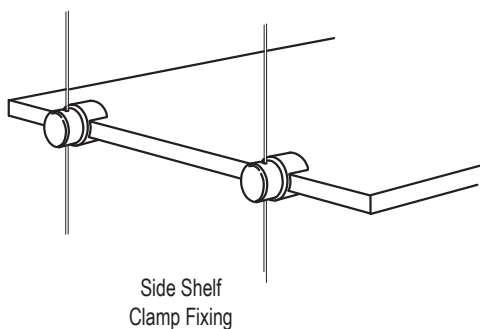


fig 1

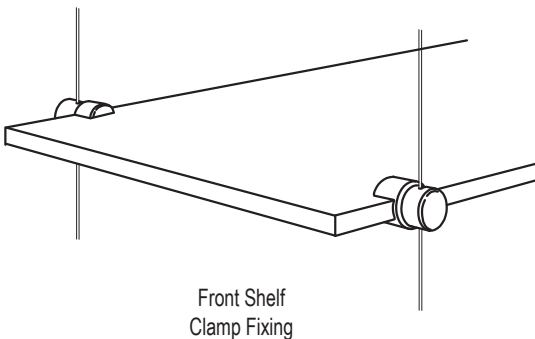
- 2) **Mark cable positions on floor area** - Lay shelves on floor, and mark cable positions or use measurements. With the use of a plumb line, mark and fix cables to ceiling (ensuring that fixings are secure).
- 3) Install cables as per "**Cable Fixing Instructions**" for **CA4** supplied.
- 4) **Shelf fitting** - As a guideline; the lowest shelf should be fixed approx. 24" from the floor, and subsequent shelves approx 12" apart.
- 5) **Affix shelf to cables**. Adjust shelf to a horizontal position, preferably with a spirit level. Repeat procedure for other shelves.



Options - Side & Front Shelf Clamp Fixing



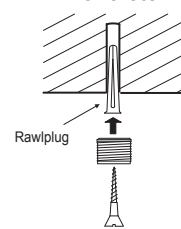
Side Shelf
Clamp Fixing



Front Shelf
Clamp Fixing

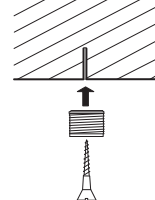
INSTALLATION TIPS

Concrete



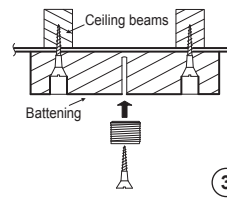
1

Wood



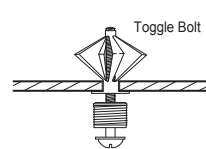
2

Lathe & Plaster



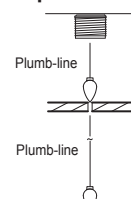
3

Plasterboard



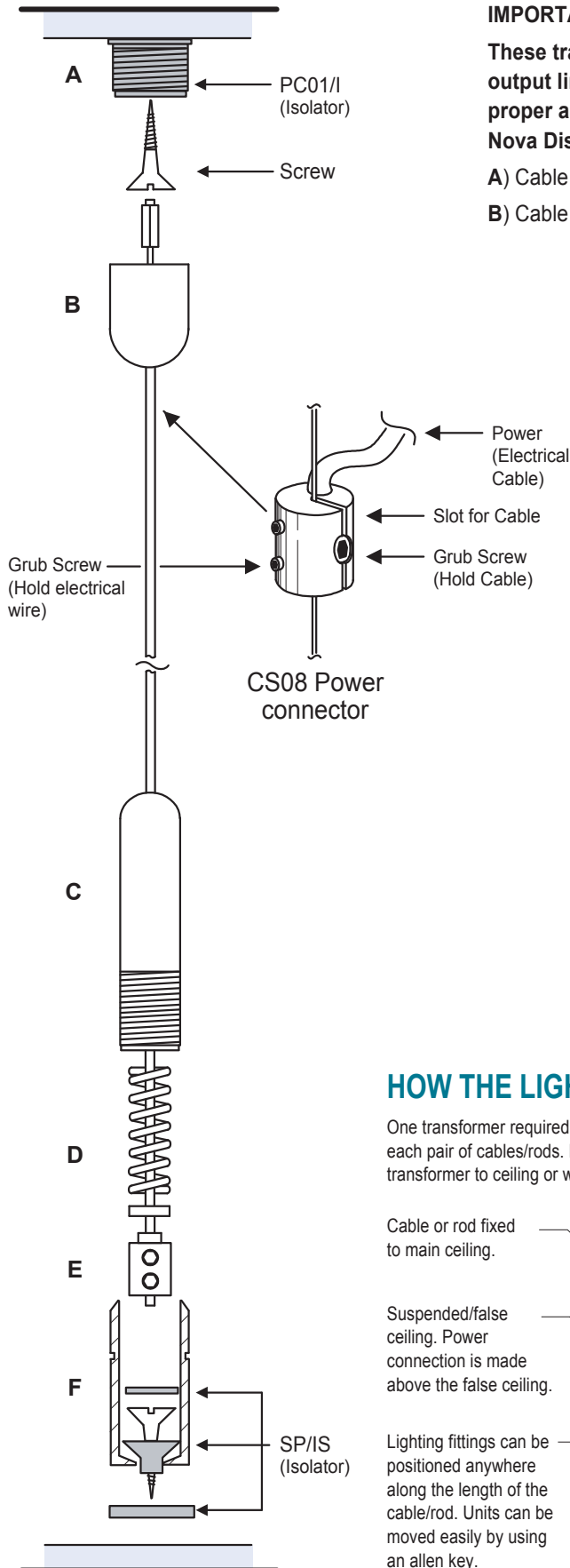
4

Suspended Ceiling



5

Installation Guidelines



IMPORTANT: Read this before installing transformers

These transformers **MUST** be installed with a **Quick Blow 5AMP fuse** installed on each output line. Failure to install with fore mentioned fuse, or failure to operate without the proper amperage fuse installed voids all warranties for lighting products provided by Nova Display, Inc.

A) Cable Lights with single heads are to be wired 12 Volt.

B) Cable Lights with double heads are to be wired 24 Volt.

TRANSFORMER INSTALLATION:

- 1) Once the Cable Display is installed, the lights are ready to be attached to the cables.
- 2) The CS08's, pictured on the left side, should be mounted on the Cables on the end where the transformer is to be connected. Each Cable that is to have a light on it is to have a CS08.
- 3) The transformer is to be mounted no more than 6 feet away from display. Either the transformer can be mounted to the floor or ceiling. This is at the customer's discretion.

Note: VERY IMPORTANT - Make sure there is not metal around display which will connect the cables together. This could cause the transformer to short out. If the display is mounted on a metal surface, an isolator must be used on each cable. The transformer should be equipped with an internal 5amp quick blow breaker. If it is not, one should be installed in the positive current line between the transformer and cable.

- 4) The transformers may come equipped with a line cord, which may be plugged into the receptacle. You may hard wire the transformer directly to an electrical source. It is recommended that an electrician do this. The electrician will need to connect two output leads to the transformer, per the directions on the transformer. These leads are connected to the CS08's on the cables, as the picture indicates.

- 3) Once the transformer is connected to the CS08's, then the transformer may be connected to the power supply or the power supply may be turned on, if the transformer is already connected.

HOW THE LIGHTING WORKS:

One transformer required above each pair of cables/rods. Fix transformer to ceiling or wall.

2m of mains cable from power supply to transformer.

Electric spur supplies mains power to the transformer.

1m of cable from transformer to power connectors.

Cable or rod fixed to main ceiling.

Suspended/false ceiling. Power connection is made above the false ceiling.

Lighting fittings can be positioned anywhere along the length of the cable/rod. Units can be moved easily by using an allen key.

