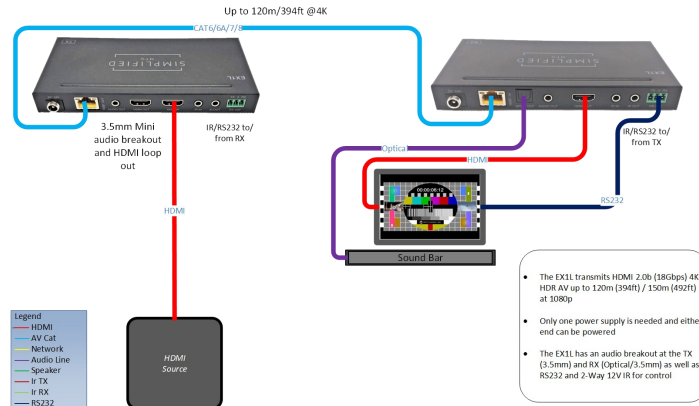


How to use and trouble shoot Simplified MFG Extenders



Typical Extender use

At the TX end:

Is everything connected (Cat, HDMI, Power etc)?

Is the HDMI cable in the HDMI input of the TX? We often use a loop out, make sure the input is not in this port.

What are the lights where the Cat cable plugs into doing?

Is the Green Lit Solid?

Yes, good! Flashing or off the category cable is poor. This can be the termination (check the manual for wiring termination), poor wire, or interference from being run poorly

Is the Amber Lit Solid?

Yes good! Flashing slowly means no HDCP, off means no signal at HDMI port(s)

At the RX end:

Is the Green Lit Solid?

Yes, good! Flashing or off the category cable is poor. This can be the termination (check the manual for wiring termination), poor wire, or interference from being run poorly

Is the Amber Lit Solid?

Yes good! Flashing slowly means no HDCP, off means no signal at HDMI port(s)

Green LED
Cat Cable
Indicator

Amber LED
HDMI Cable
Indicator



Other Techniques:

Make the circuit simpler. Move the source near the display or the display near the source and see if it works with a short HDMI cable. You can use this to verify the HDMI cables work as well. Add components until the system fails.

Use a known working run of category cable across the floor and see if behavior changes.

It is often the case that the display's setting can cause odd/poor behavior. Consult the display's tech resources. Also, it is possible we have seen the issue and may have a tech paper on this.

Not a bad idea to keep the following on your service vehicle:

- Test source like an AppleTV or signal generator
- Known working HDMI cables
- Known working terminated Category cable
- SP12S splitter for clocking issues, etc.