



LUXi[®]
Electronics

HDMI Communicator[™]



Fix HDMI HDCP and EDID problems



Why you need it:

- About 15% of all HDMI systems fail due to the communication (handshaking or copyright) collisions even when nothing wrong with each component
- This leads to the customers and installers' frustrations; the reputation damages and unnecessary product returns to the manufacturers

How does it work:

The root cause of most HDMI problems in the field is the I²C communication protocol used in the DDC line which carries both HDCP and EDID data. The I²C uses one wire for two way communications; when one device does not detect another device already talking on the line, it would start talking at the same time and causes collisions and lead to corrupted HDCP or EDID data. The Communicator has microchip inside to alter the communication timing to avoid collisions.

Features and benefits:

- Installers can resolve virtually any HDMI system issues by always carrying Luxi HDMI Extenders and Communicators in their tool cases
- Spread out one Communicator cost to 7 to 10 systems so by the time it is needed, it's already paid for. No more need for customer approval.
- World's smallest HDMI problem solver with HDMI 2.0 21:9 aspect ratio, dynamic AV sync, CEC Extensions, 3D, HEAC, Deep Color compliance
- Luxi patented T-grip[™] locking HDMI connector design for secure mating



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