



4K Certification Test Report

Crestron DigitalMedia™ Lab



CERTIFIED

Report #: 26 Date Test Completed: 1/16/2015
 Manufacturer: Panasonic Inputs Tested: DigitalLink - HDBaseT
 Model: TH-84LQ70 Native Resolution: 3840x2160
 Aspect Ratio: 1.77 (16:9)

Link integrity verification (HDBaseT™ CTS v1.3 4.2.2) **Pass** **4K protocol compliance** (HDMI CTS v1.4B 8-30) **Pass**
EDID structure confirmation (HDMI® CTS v1.4B 8-1 thru 8-2) . . . **Pass** **Physical media performance** (HDBaseT CTS v1.3 4.2.2) . . **Pass**
 Structured cable performance using four (4) couplings and five (5) cable sections.

EDID Report

Support as declared by tested device via EDID

DM® Compatible Resolutions

- | | | | | |
|--|--|--|--|---|
| <input checked="" type="checkbox"/> 640x480@60Hz | <input type="checkbox"/> 1280x960@60Hz | <input checked="" type="checkbox"/> 1920x1080@25Hz (1080p25) | <input checked="" type="checkbox"/> 3840x2160@24Hz | <input checked="" type="checkbox"/> Other:
1920x1080@30Hz(1080p30) |
| <input checked="" type="checkbox"/> 720x480@60Hz (480p) | <input checked="" type="checkbox"/> 1280x1024@60Hz | <input checked="" type="checkbox"/> 1920x1080@25Hz (1080i25) | <input checked="" type="checkbox"/> 3840x2160@25Hz | |
| <input checked="" type="checkbox"/> 720x576@50Hz (576p) | <input type="checkbox"/> 1366x768@60Hz | <input checked="" type="checkbox"/> 1920x1080@30Hz (1080i30) | <input checked="" type="checkbox"/> 3840x2160@30Hz | |
| <input checked="" type="checkbox"/> 800x600@60Hz | <input type="checkbox"/> 1400x1050@60Hz | <input checked="" type="checkbox"/> 1920x1080@50Hz (1080p50) | <input checked="" type="checkbox"/> 3840x2160@50Hz | |
| <input checked="" type="checkbox"/> 1024x768@60Hz | <input type="checkbox"/> 1440x900@60Hz | <input checked="" type="checkbox"/> 1920x1080@60Hz (1080p60) | <input checked="" type="checkbox"/> 3840x2160@60Hz | |
| <input checked="" type="checkbox"/> 1280x720@50Hz (720p50) | <input checked="" type="checkbox"/> 1600x900@60Hz | <input checked="" type="checkbox"/> 1920x1200@60Hz | <input checked="" type="checkbox"/> 4096x2160@24Hz | |
| <input checked="" type="checkbox"/> 1280x720@60Hz (720p60) | <input type="checkbox"/> 1600x1200@60Hz | <input type="checkbox"/> 2048x1080@60Hz | <input checked="" type="checkbox"/> 4096x2160@50Hz | |
| <input type="checkbox"/> 1280x768@60Hz | <input type="checkbox"/> 1680x1050@60Hz | <input type="checkbox"/> 2560x1440@60Hz | <input checked="" type="checkbox"/> 4096x2160@60Hz | |
| <input type="checkbox"/> 1280x800@60Hz | <input checked="" type="checkbox"/> 1920x1080@24Hz (1080p24) | <input type="checkbox"/> 2560x1600@60Hz | | |

Preferred Timing: 3840x2160@60Hz

Color Space: YCbCr/RGB

3D: No

Audio Formats

- | | | | | | | |
|--|---|---|---------------------------------|--|---|---------------------------------|
| <input type="checkbox"/> No Audio Support | <input type="checkbox"/> Dolby Digital® | <input type="checkbox"/> Dolby Digital Plus | <input type="checkbox"/> DTS® | <input type="checkbox"/> DTS 96/24 | <input type="checkbox"/> DTS-HD Master Audio™ | <input type="checkbox"/> Other: |
| <input checked="" type="checkbox"/> Stereo PCM | <input type="checkbox"/> Dolby Digital EX | <input type="checkbox"/> Dolby® TrueHD | <input type="checkbox"/> DTS-ES | <input type="checkbox"/> DTS-HD High Res | <input type="checkbox"/> Up to 8ch PCM | |

Signal Lock Performance

Time to lock on new signal (worst case, in seconds): **10.25**

Signal lock performance notes: Worst case switching time when switching to a 4K source

Other Notes

Some video artifacts when switching to and from 4K sources
 Audio locks approximately 5 seconds earlier than video when switching to a 4K source

See how we conduct our 4K certification testing at www.crestron.com/4K

All brand names, product names, and trademarks are the property of their respective owners. Certain trademarks, registered trademarks, and trade names may be used in this document to refer to either the entities claiming the marks and names or their products. Crestron disclaims any proprietary interest in the marks and names of others. Crestron is not responsible for errors in typography or photography. ©2014 Crestron Electronics, Inc., Rockleigh, New Jersey

