

# Control4® Leaf 4K Ultra HD 10×10 AV Matrix Switch



## Control4 Leaf LU1082 4K Ultra HD 10×10 Matrix Switch (LU1082)

The 4K Ultra HD range of HDCP 2.2-compliant matrix switches delivers world-class distribution of your source material to every room in a residential installation. The LU1082 is the new flagship of the Control4 range of HDMI switches, a statement of excellence.

**This model is capable** of distributing 10 HDMI 4K UHD sources to eight zones, utilizing HDBaseT Class A technology and two additional zones via HDMI outputs.

The integrated audio matrix combines audio extracted from the 10 HDMI sources with eight independent coaxial digital inputs to create an 18 source × 8 zone audio solution, with variable volume, bass & treble controls and audio delay for lip sync correction. Ten total audio zones can be served when AV receivers are connected to the local HDMI outputs.

Featuring an integrated Ethernet hub, the LAN port on the LU1082 can be used to switch the incoming feed and send it to up to eight LU1E HDBaseT Receivers.

Fast switching times are achieved thanks to Control4's advanced EDID management system EZ-Calibration.

Zone Lock technology ensures home theater and media rooms are able to take full advantage of the latest 7.1 HD audio codecs.

The LU1082 is designed to be integrated into a full-function control system.

- 4K Ultra HD compatible
- HDCP 2.2 compliant
- Integrated audio matrix
- PoH (Power over HDBaseT) enabled

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Model number	LU1082
<b>Inputs/Outputs</b>	
Inputs	HDMI (10) Coaxial S/PDIF digital audio (8)
Outputs	HDBaseT Class A (8) HDMI (2) Audio zone (stereo analog RCA) (8)
Pass-through control	Directional IR (8) (3.5mm) Bi-directional RS232 (6) (3.5mm)
<b>Compatibility</b>	
HDCP version	HDCP 2.2
Device control	RS232 and IP
Video resolution	Ultra HD 4K 3840 × 2160p (30, 25, 24) 4:4:4 3840 × 2160p (60, 50) 4:2:0 4096 × 2160p (30, 25, 24) 4:4:4
Audio formats	DTS-HD Master Audio, Dolby True HD, multi-channel 5.1 and 7.1, stereo
<b>Video transmission</b>	
Video transmission distances	1080P: CAT5e/CAT6/CAT6a up to 328 ft (100 m) 4K UHD: CAT5e/CAT6 up to 229 ft (70 m) 4K UHD: CAT6a/CAT7 up to 328 ft (100) m
<b>Dimensions</b>	
Rack	2U (rack ears included)
Outside dimensions	17.3 in (439 mm) × 3.5 in (89 mm) × 10.13 in (257 mm) (WxHxD)

