

# Adder ALDV100T AdderLink HDMI Digital AV Single Extender (Transmitter)

## Audio

Audio The system delivers 8 channels of HDMI audio with sample sizes of 16, 20 or 24bit at 32kHz, 44.1kHz, 48kHz, 88.2kHz, 96kHz, 176.4kHz, or 192kHz.

## Approvals / Compliance

- CE
- FCC

## Standards

HDMI interface The system supports resolutions such as 480p, 720p, 1080p or WUXGA (1920 x 1200) @ 60Hz (with reduced blanking) and 24bit color depth.

Hardware compatibility: All computers with HDMI connections.

## Cable Guidelines

Important extension distance Information:

Recommended cables are CAT7 shielded foiled twisted pairs:

- Daetwyler 7702 Flexible patch cable
- Daetwyler 7120 Bulk Cable.

CAT6 (or better) shielded twisted pair cable must be used to connect the local and remote units in order to maintain compliance with radio frequency energy emission regulations and ensure a suitably high level of immunity to electromagnetic disturbances.

Resolution	Frequency	Patch Connections	Cable Type	Distance
1920x1200	60Hz	0	CAT7a	50 metres
1920x1200	60Hz	0	CAT6a (shielded)	50 metres
1920x1200	60Hz	2	CAT6a (shielded)	40 metres
1920x1200	60Hz	2	CAT7a	40 metres

Note: Distances are achieved using single lengths of trunk/bulk cable. For each break/patch connection reduce distance by 5m. Preferably patch cables should be of type CAT7 and less than 2m.

## Environmental

Operating Temperature: 0 to 40°C / 32 to 104°F

## Connectors - Local Unit

Computer connections at transmitter (TX) HDMI type A male, USB type A (for power only)

## Connectors - Remote Unit

Display connections at receiver (RX) HDMI type A male

## Mechanical

Injection molded ABS cases:

45mm / 1.8'' (w) x 63mm / 2.5''(d) x 21mm / 0.8''(h) with 30cm / 12'' pigtails

Weight 250g / 0.6 lb per pair

## Power

USB powered, 5VDC -2.5W for both RX and TX units combined

## Software

Compatible with all known operating systems