AV SOLUTIONS

Leviton IT/AV systems combine category-rated structured cabling with audiovisual signal extenders over HDBaseT™ certified links to create plug-and-play solutions with no programming required. The enterprise-grade systems allow contractors to extend AV signals over twisted-pair cabling with the same tools used for installing datacom infrastructure. They can then test and certify the installation to Ethernet standards to ensure high signal performance after they leave the jobsite.

HDMI®

A:
HDBaseT™ 100 m Extender

B:
HDBaseT 70 m Extender

C:
40 m Extender

VGA

D:
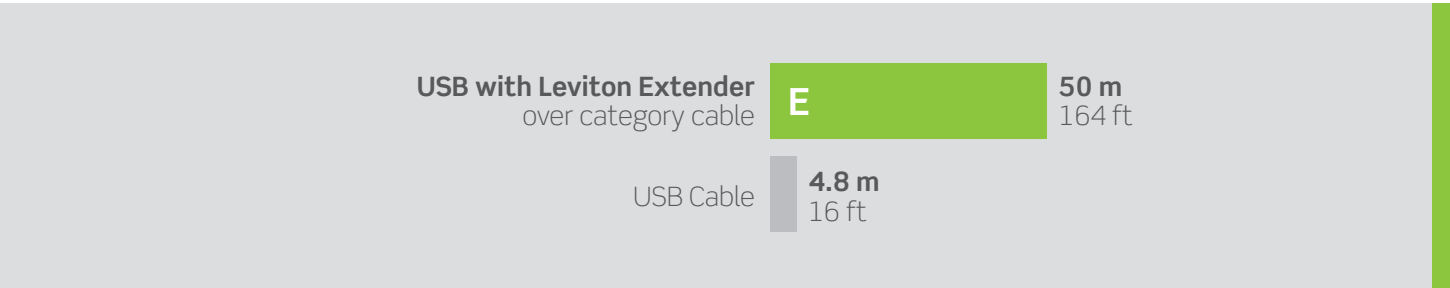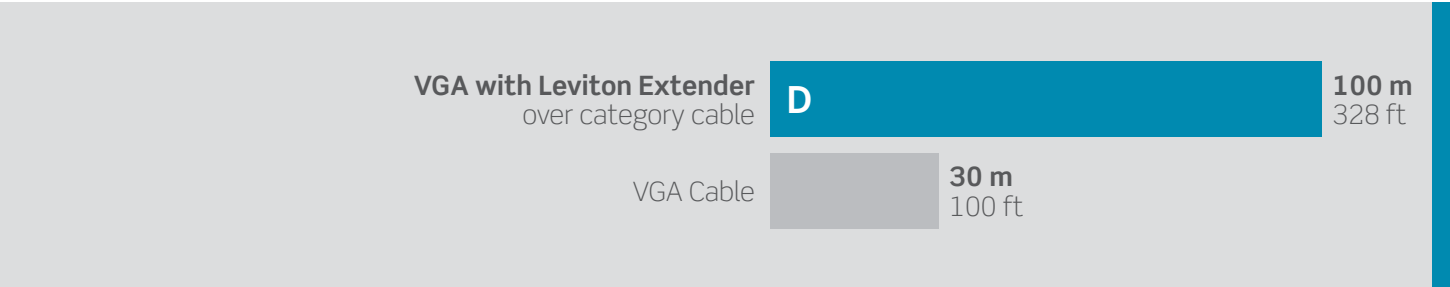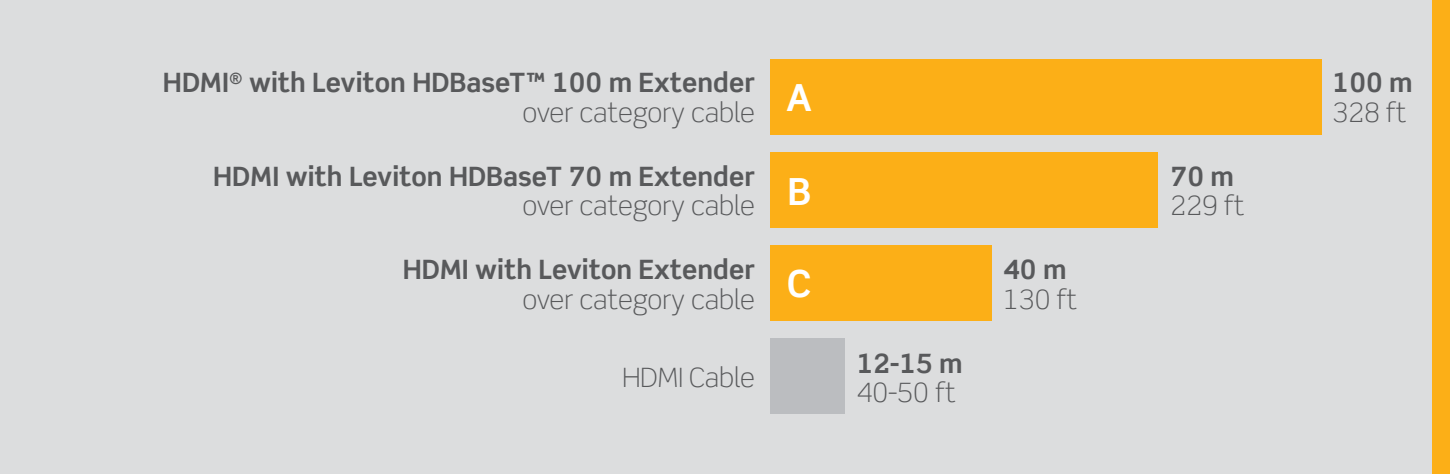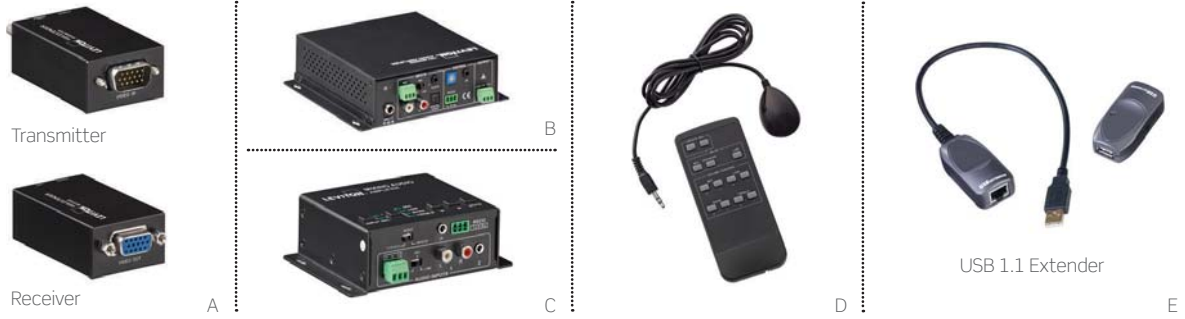**100 m Extender**

USB

E:
50 m Extender

EXTENDING HIGH-QUALITY AV SIGNALS OVER CATEGORY CABLE

Deliver the high-quality audio and video required for today's technologies with Leviton IT/AV Systems, which include signal extenders for long distance transmission of HD video. We offer extenders for a variety of connection types that increase cable distance and retain high signal performance.

Below are recommended maximum lengths using Leviton extenders, compared to maximum lengths for different AV cables:

Description		Max Length
HDMI® with Leviton HDBaseT™ 100 m Extender over category cable	**A**	**100 m** / 328 ft
HDMI with Leviton HDBaseT 70 m Extender over category cable	**B**	**70 m** / 229 ft
HDMI with Leviton Extender over category cable	**C**	**40 m** / 130 ft
HDMI Cable		**12-15 m** / 40-50 ft
VGA with Leviton Extender over category cable	**D**	**100 m** / 328 ft
VGA Cable		**30 m** / 100 ft
USB with Leviton Extender over category cable	**E**	**50 m** / 164 ft
USB Cable		**4.8 m** / 16 ft

Signal Extension

AV SOLUTIONS

Transmitter

Receiver

A

B

C

D

USB 1.1 Extender

E

VGA EXTENDER TRANSMITTER & RECEIVER

- Extends the distance between AV source and display devices by as much as 328 feet (100 meters) over a single category cable

- Screen resolutions include:
  1920 x 1200 @ 60 Hz (30 meters)
  1600 x 1200 @ 60 Hz (100 meters)
  1280 x 1024 @ 60 Hz (150 meters)

- Adjustable Gain Control lets you manually adjust signal strength to compensate for distance

- Audio enabled (mono)

- No external power supply needed for transmitter

- Receiver powered either by included USB power cable or DC adapter

- Compact metal housing for convenient docking on the display device

- Plenum rated

70 VOLT MIXING AUDIO AMPLIFIER

- 40 Watt mono output 70V or 100V constant voltage

- Three inputs: two stereo audio and one balanced mic, which support EQ control and mic mixing

- Mic input supports 48V phantom power

- Volume, bass, treble, and mute control

- LED indicators for power and control function feedback

- Plenum rated

4/8 OHM MIXING AUDIO AMPLIFIER

- 2 X 20W stereo, 1 X 40W bridge mono, and 2 X 20W dual mono

- Three inputs: Two stereo audio and one balanced mic, which support EQ control and mic mixing

- Mic input supports 48V phantom power

- Volume, bass, treble, and mute controls

- LED indicators for power and control function feedback

- Plenum rated

INFRARED REMOTE CONTROL KIT

- Controls Mixing Audio Amplifiers

- Includes a remote control, IR sensor, and IR target

USB EXTENDER

- Consists of a local unit and a remote unit - no external power supply needed

- Supports USB 12 Mbps data rate

- Extend transmission distance up to 164 feet (50 meters) using a single category cable

- No additional software/drivers required

- One-foot USB cable included with local unit

VGA EXTENDER TRANSMITTER & RECEIVER	
DESCRIPTION	PART NO.
[A] VGA Extender Transmitter and Receiver, 100 m	41910-V01
MIXING AUDIO AMPLIFIERS	
[B] 70 Volt Mixing Audio Amplifier	41920-A70
[C] 4/8 Ohm Mixing Audio Amplifier	41920-A01
INFRARED REMOTE CONTROL KIT	
[D] Infrared Remote Control Kit	41920-AIR
USB EXTENDERS	
[E] USB Extender, 50 m	41910-U11