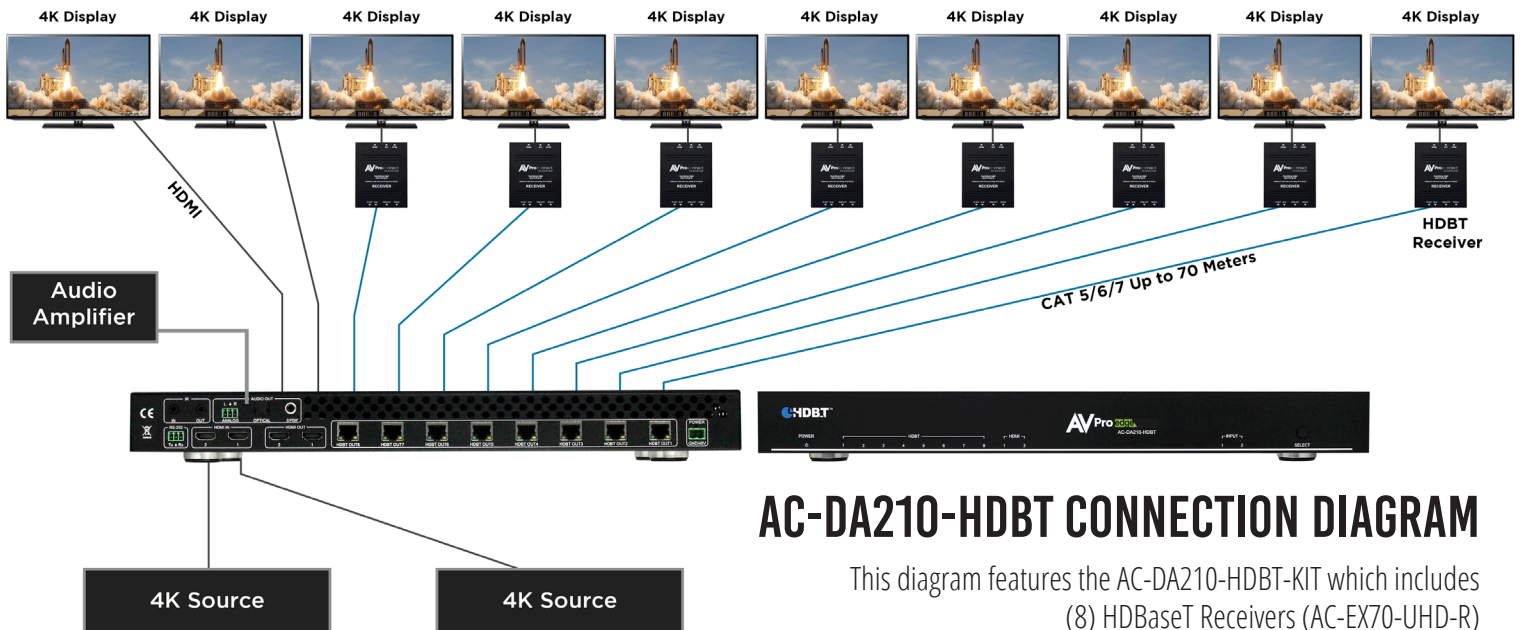# AVPro edge

2x10 DISTRIBUTION AMPLIFIER
AC-DA210-HDBT

HDBT™
HDMI® HIGH-DEFINITION MULTIMEDIA INTERFACE
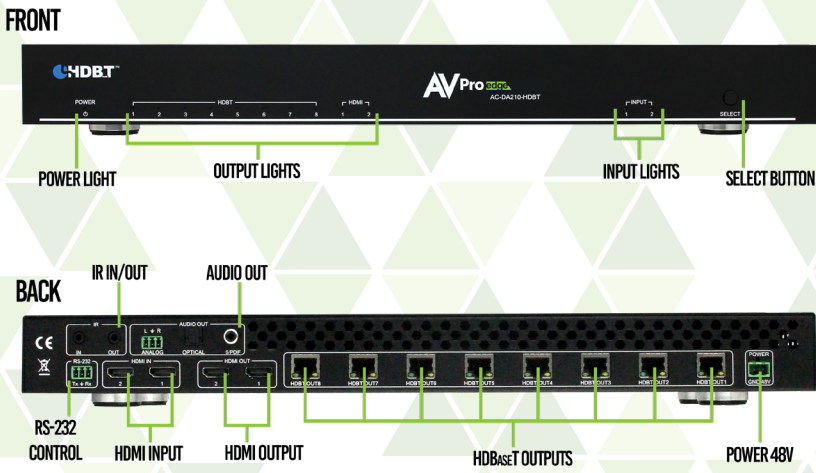**HDCP**™ HIGH-BANDWIDTH DIGITAL CONTENT PROTECTION

WITH 8 HDBaseT OUTPUTS AND 2 HDMI OUTPUTS INCLUDING SWITCHABLE INPUTS, THE DA210 IS DESIGNED FOR MASSIVE DISTRIBUTIONS OVER EXTREME DISTANCES. USING TRIED AND TRUE HDBaseT TECHNOLOGY, THE DA210 HAS SIMPLIFIED LONG DISTANCE DISTRIBUTION WHILE GIVING THE END POINTS UNDISTURBED HD AND UHD IMAGES.

Simplicity and 'plug & play' are focal points of this unit. With RS-232 and IR you can manage your end points for things like 'power on' or 'power off'. Additionally, the AC-DA210-HDBT has two switchable inputs making for more robust systems. The dual HDMI outputs allow you to expand the switching virtually, forever. The AC-DA210-HDBT is ideal for retail spaces, bars, restaurants, showrooms and public spaces where you want to have consistent messaging, images, or signage across long distances. Having two inputs allows utilization of sources like custom signage, computers, or HDCP protected content.

AC-DA210-HDBT CONNECTION DIAGRAM

This diagram features the AC-DA210-HDBT-KIT which includes (8) HDBaseT Receivers (AC-EX70-UHD-R)

FRONT

POWER LIGHT — OUTPUT LIGHTS — INPUT LIGHTS — SELECT BUTTON

BACK

IR IN/OUT — AUDIO OUT

RS-232 CONTROL — HDMI INPUT — HDMI OUTPUT — HDBaseT OUTPUTS — POWER 48V

IN THE BOX:

- AC-DA210-HDBT
- Rack Ears
- (2) Phoenix Connectors (RS-232 and 2CH Audio)
- 48v Power Supply (100-240 Input)
- AC Cord
- Operating Instructions

(8) AC-EX70-UHD-R (HDBaseT Receivers) included with AC-DA210-HDBT-KIT

LIMITLESS

A word on **cascading**. Need more displays? Just connect an output to the next distribution amplifier's input and keep stringing the units together – potentially creating a 1x500 DA that can switch two sources! PLUS:

- HDMI 2.0 - HDCP 2.2
- Up to 70 Meter Signal Transmission (1080p)
- 4K60 4:2:0 Support (40 Meters)
- "Triple Play" Audio De-Embedding (2CH, Optical, SPDIF)
- 2 Input Switching
- IR, RS-232 Control
- Ultra Low-Profile Receivers w/ PoH (AC-EX70-UHD-R)

WHERE DO THESE FIT?

These devices are used in almost any system where a small number of sources are needed to be repeated an endles amount of times. Including:

- Retail Signal Distribution – Big Box Stores & Local Retail for advertising
- Schools & Offices – For infoboards
- Bars & Restaurants – A very simple way to "split" the signal to show in multiple locations.
- Digital Signage – Low cost method for airports, rail, subway and more to distribute high value 4K signals.

PRODUCT SPECIFICATIONS

PARAMETER	DESCRIPTION	PARAMETER	DSCRIPTION
HDMI INPUTS	2	TRANSMISSION DISTANCE OVER HDMI	45 FEET (15 METERS)
HDMI OUTPUTS	2	HD TRANSMISSION DISTANCE OVER HDBaseT	70M (230 FEET)
HDBaseT OUTPUTS	8	UHD TRANSMISSION DISTANCE OVER HDBaseT	40M (131 FEET)
HDMI VERSIONS SUPPORTED	UP TO HDMI 2.0 (A/B)	AUDIO FORMATS SUPPORTED	PCM 2CH, LPCM 5.1, LPCM 7.1, DOLBY DIGITAL, DTS 5.1, DOLBY DIGITAL+, DOLBY TRUEHD, DTS-HD MASTER AUDIO, DOLBY ATMOS, DTS:X
HDCP VERSIONS SUPPORTED	2.2 AND EARLIER	AUDIO OUTPUTS (EXTRACTORS)	2CH (PHOENIX), DIGITAL (TOSLINK AND SPDIF)
VIDEO FORMATS SUPPORTED	4K60 (4:2:0 8 BIT), 4K30, 1080P, 1080I, 720P, 576P, 480P, 576I, 480I	CONTROL	RS-232, IR
HDMI DEEP COLOR	12 BIT	POWER SUPPLY	48V 2A (100-240V INPUT)
SIGNAL RATE	HDR 10, DOLBY VISION	POWER CONSUMPTION	88W (MAX)
HDR SUPPORTED	HDR 10 (W/EDID)	OPERATING TEMPERATURE	32-95°F (0-35°C)
WEIGHT	7.3 LBS	OPERATING HUMIDITY	15-90% RH

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE. MASS & DIMENSIONS ARE APPROXIMATE.