SOLUTIONS FOR K-12

LEARNING SPACES

Trends in AV

Lı legrand® | AV

HYBRID READY SOLUTIONS FROM LEGRAND | AV ARE EASY AS ABC

CONNECT STUDENTS AND TEACHERS ANYWHERE.

Design tomorrow's K-12 classroom today with innovative solutions from Legrand | AV. Provide teachers with easy-to-use tools that enhance learning in the hybrid classroom by ensuring students can see and hear the lesson no matter where they are.

Discover the benefits of whiteboards designed to optimize interactive projection, mounts engineered to make interactive flat panels more accessible, and mobile carts with auto-tracking PTZ cameras to capture the action and share with other classrooms.

Explore our solutions below to improve the learning experience today and for years to come.

TABLE OF CONTENTS

COMMERCIAL AV BRANDS C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

LEARNING STYLES DEFINED

Educators are embracing and becoming experts at using AV technology more than ever before. AV equipment can assist in so many ways for both learning and teaching it can help upgrade lectures from a static view to a dynamic experience that keeps students more fully engaged, lectures can be recorded for easy playback and viewing at any time, and it helps students continue learning from anywhere.

As schools consider their strategies for hybrid and hyflex environments, it's important to keep in mind the varieties of distance learning to adapt to all learning needs.

3 Types of Distance Learning

	1 Synchronous Learning	**2 Asynchronous Learning**	**3 Hybrid or Hyflex Learning**
Definition	Instructors & students learn together - sharing ideas and interacting at the same time	Students learn at their own pace on their own time	A combination of students learning online and face to face with an instructor
Tools	Video conferencing, webinars, phone calls, chat rooms	Online courses, email, blogs, recorded videos, recorded webinars	Video conferencing with supplementary online courses or recorded webinars, or vice versa
Timing	Timing depends on instructor's schedule	Students login anytime to download assignments or to send messages to instructors or peers	**Hybrid:** Students are expected to adhere to both an instructor's schedule and interact with materials on their own time **HyFlex:** Students can choose to adhere to an instructor's schedule and/or interact with materials on their own time

PORTABLE
VIDEO CONFERENCING

Why We Love It

- Easily portable to share with other rooms and staff
- Quick alternative to a less permanent install
- A repeatable setup to utilize in multiple locations
- Asynchronous or Synchronous **learning solutions**
- For distance learning, lecture capture, streaming and video conferencing

Ideal For: Distance learning, lecture capture, streaming and video conferencing

PART NUMBERS

Vaddio ConferenceSHOT AV Bundle - TableMIC 1
999-99950-500W (White)

Chief Mobile AV Cart **LPAUB**

Chief Accessory Shelf **FCA613B**

Chief CPU Holder **FCA650B**

Chief Shelf **FCA810**

Middle Atlantic Slim Power Strip,
8 Outlet **PD-815SC-20**

C2G 10' CAT6 Snagless Cable (qty 4) **00817**

C2G 10' HDMI 4K Cable **56784**

C2G 10' USB 3.0 Cable **54175**

C2G Docking Station **54439**

C2G 4K HDMI Adapter Ring **29878**
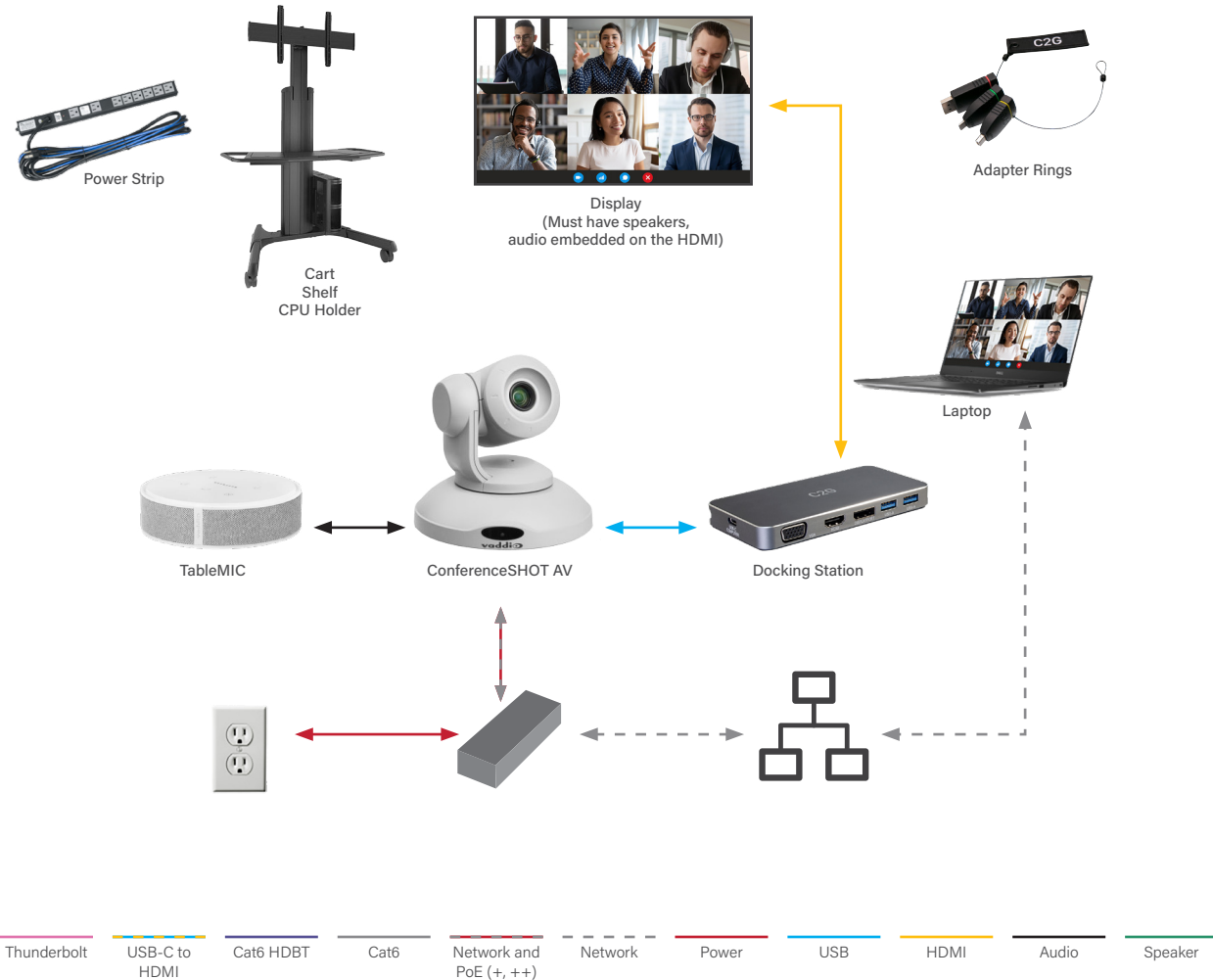
Kick it Up a Notch

Dynamic Height Adjust
WHY: Allow for people of all abilities to have easy access to the screen.

Invest in More Audio
WHY: Cover a larger room with an extra microphone.

Consider More Storage
WHY: Store all those little parts & pieces behind the monitor.

Power Strip

Cart
Shelf
CPU Holder

Display
(Must have speakers,
audio embedded on the HDMI)

Adapter Rings

Laptop

TableMIC

ConferenceSHOT AV

Docking Station

Thunderbolt	USB-C to HDMI	Cat6 HDBT	Cat6	Network and PoE (+, ++)	Network	Power	USB	HDMI	Audio	Speaker

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INTELLIGENT VIDEO CONFERENCING CAMERA CART FOR THE CLASSROOM

Why We Love It

- Easy to deploy across K-12 and higher ed campuses
- Can be moved to wherever technology is needed and shareable with the staff
- Motion based tracking and auto-framing provide the perfect camera shot
- Built-in microphones equals one less external device to worry about
- Everything is self-contained on the cart

Ideal For: Hybrid and hyflex learning or teaching from anywhere on campus

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Part Numbers

Vaddio IntelliSHOT Auto-Tracking Camera
999-21100-000

Chief Mobile Cart **LPAUB**

Chief Above/Below IntelliSHOT Mount **FCA800E**

Chief Accessory Shelf **FCA613**

Chief Component Storage Panel **CSMP9X12**

Luxul Network Switch **SW-100-04P**

Middle Atlantic Forward Mounting Clamps
FWD-SIDECLMP-4

Middle Atlantic Power Strip **PD-815SC-20**

C2G 1' HDMI Cable **C2G10373**

C2G 6' HDMI Cable **C2G10377**

**Get the Full
List of Parts
& Pricing**

Kick it Up a Notch

BYOD Adapters
WHY: Enables nearly every personal device to present from this cart with the appropriate display adapter.

Add Intelligent Power
WHY: Provides remote management for ultimate power control.

Laptop Connection
WHY: Using an auto-switching HDMI switcher allows BYOD for presentation flexibility.

See Diagram Online

Auto-Tracking Camera

Storage Panel

Camera Mount

Display or Interactive Flat Panel

HDMI Audio Embedder

Dedicated Computer for Video Conferencing

Accessory Shelf (mounts to cart)

Network Switch

Wireless Keyboard and Mouse

Power Strip

| USB-C to HDMI | Cat6 HDBT | Cat6 | Network and PoE (+, ++) | Network | Power | USB | HDMI | Audio | Speaker |

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FLEXIBLE CLASSROOM

Why We Love It

- Just add a display (or interactive display) and a laptop—and teach anywhere
- Optional shelf and cable retractors allow customization and convenience
- All-in-one design makes deployment quick and easy for multiple classrooms or sharing the technology
- Roll it off the crate and into a classroom in minutes
- Video and audio are built into the cart, allowing for worry-free tampering of interrupting the setup

Ideal For: Flexibility with the technology, hybrid and hyflex classrooms

Part Numbers

Middle Atlantic FlexView Conferencing Cart with HuddleSHOT FC **FVS-HSFC-800SC-WH**

Middle Atlantic Power Strip (not shown) **PD-815SC-20**

Middle Atlantic Shelf **FVS-HS-FRTSHLF-WH**

C2G 12' HDMI Cable **50185**

Options

Middle Atlantic Power Cord Retractor Kit **FVS-800-RET15F**

Middle Atlantic Cat6 Cord Retractor **FVS-800-CAT6-20F**

Middle Atlantic RackLINK Power **RLNK-P415**

Luxul 4 Port PoE+ Network Switch **SW-100-04P**

C2G USB-C Docking Station **C2G54457**

C2G 6' USB Thunderbolt Cable **28842**

C2G 6' Cat6 Cable (Qty 3) **03967**

C2G 12' Cat6 Cable **03970**

Kick it Up a Notch

Add a Power Cord Retractor
WHY: Added flexibility—move the cart up to 15 feet from the outlet.

Add Cable Retractor for Network
WHY: Keep those high bandwidth connections high quality—and move up to 20 feet away from the ethernet jack.

Add a Docking Station
WHY: Makes it easy to use your own device for collaboration.

Add a Vaddio TableMIC
WHY: Extend the pickup range so everyone can be heard.

Power Cord Retractor (optional)

Power Cord Retractor inside Cart

Display

Shelf

Laptop

Cart with Built-in Camera

PoE+ Injector

| USB-C to HDMI | Cat6 HDBT | Cat6 | Network and PoE (+, ++) | Network | Power | USB | HDMI | Audio | Speaker |
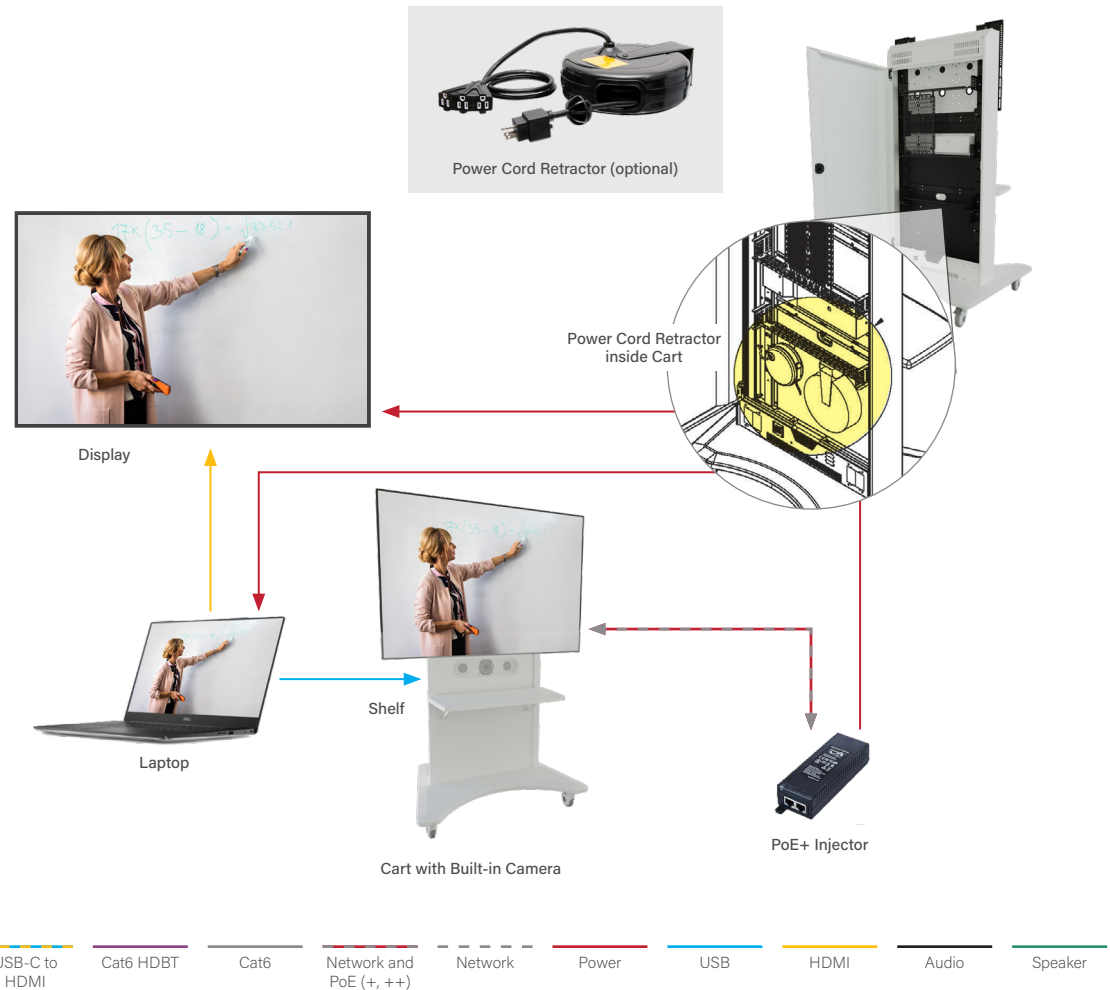
INTERACTIVE CLASSROOM

PART NUMBERS

Chief Display Mount **LTM1U**

Chief In-Wall Storage Box (only if using a display) **PAC526FWP2**

*Da-Lite IDEA Screen **28273**

C2G 10' CAT6 Snagless Cable (qty 2) **00817**

C2G 50' CAT6 Plenum Cable (qty 3) **15274**

C2G 50' HDMI Plenum Active Optical Cable **41415**

C2G Docking Station **54439**

C2G 4K HDMI Adapter Ring **29878**

Vaddio 20m (65.6') USB 3.0 Cable **440-1005-023**

Wiremold Desktop Power Center Slim **WSPC220CWH**

*Simple Swap Options

Why We Love It

- A repeatable setup to utilize in multiple locations
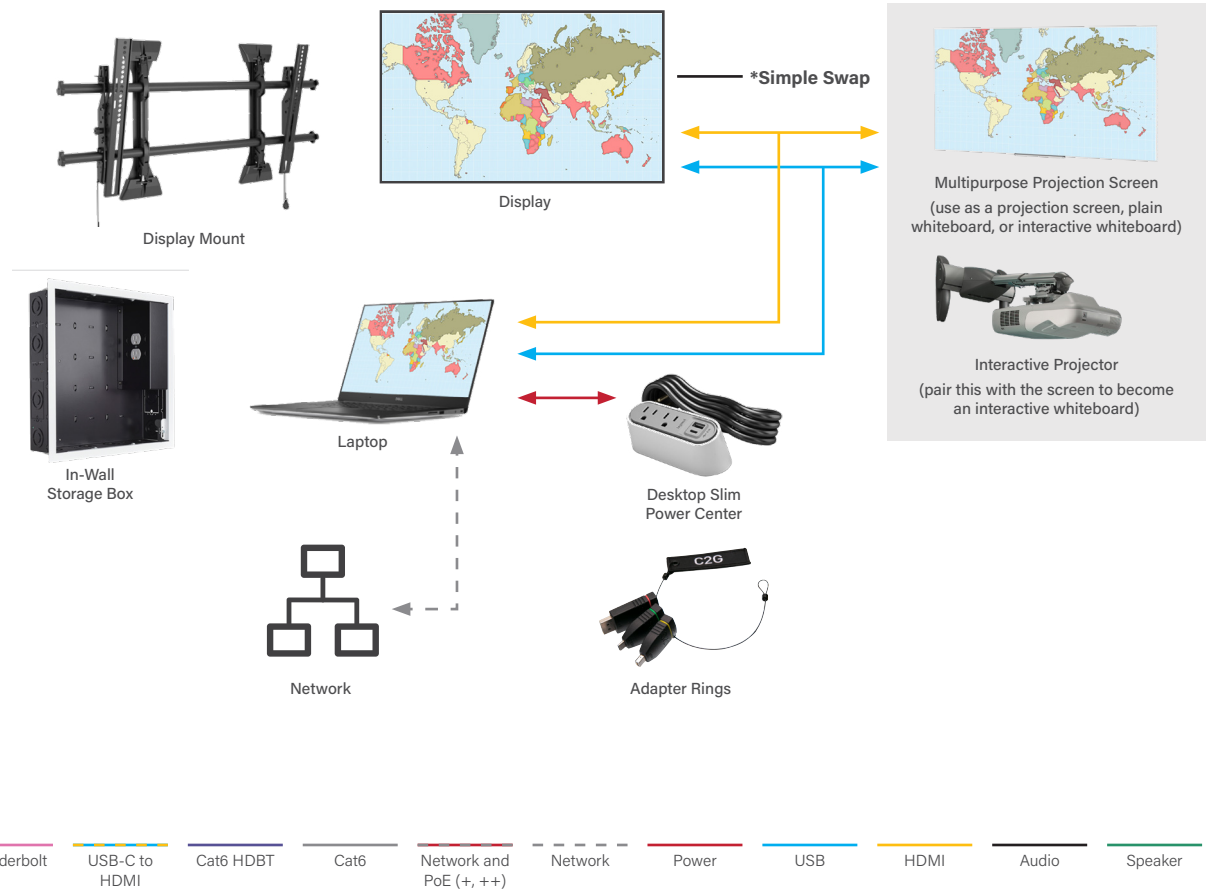- Interactivity creates a better experience for student engagement
- Most classrooms have the ability to upgrade to an interactive solution
- The flexibility to choose an interactive display or an interactive whiteboard based on school preference

Ideal For: Student engagement with those in the classroom

Kick it Up a Notch

In-Ceiling Storage
WHY: Hide small equipment behind displays for a sneaky way to maximize space.

Height Adjustable Mount
WHY: Easily adjust the height to make the technology more accessible.

Keep Connectivity Simple
WHY: Use a docking station to connect devices to a laptop with just one cable.

Display Mount

Display

*Simple Swap

Multipurpose Projection Screen
(use as a projection screen, plain whiteboard, or interactive whiteboard)

Interactive Projector
(pair this with the screen to become an interactive whiteboard)

In-Wall Storage Box

Laptop

Desktop Slim Power Center

Network

Adapter Rings

Thunderbolt	USB-C to HDMI	Cat6 HDBT	Cat6	Network and PoE (+, ++)	Network	Power	USB	HDMI	Audio	Speaker

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SMALL CLASSROOM

PART NUMBERS

Vaddio ConferenceSHOT AV Bundle - CeilingMIC 2
999-99950-200W (White)

Chief Display Mount **LTM1U**

Chief In-Wall Storage Box (only if using a display)
PAC526FWP2

*Da-Lite Integrated Interactive System -
Chief Mount + IDEA Screen **AN3WA100**

C2G 10' CAT6 Snagless Cable (qty 2) **00817**

C2G 50' CAT6 Plenum Cable (qty 3) **15274**

C2G 50' HDMI Plenum Active Optical Cable **41415**

C2G Docking Station **54439**

C2G 4K HDMI Adapter Ring **29878**

Vaddio 20m (65.6') USB 3.0 Cable **440-1005-023**

Wiremold Desktop Power Center Slim
WSPC220CWH

*Simple Swap Options

Kick it Up a Notch

In-Ceiling Storage
WHY: Hide small equipment behind displays for a sneaky way to maximize space.

Upgrade That Screen
WHY: Screen technology has come a long way including new ways to combat natural light.

Why We Love It

- A repeatable setup to utilize in multiple locations
- Maximize the use of small spaces
- Use this same system to convert small offices and meeting spaces
- Hybrid **learning solution**

Ideal For: Distance learning, lecture capture, streaming and video conferencing

Display Mount

Display

*Simple Swap

Interactive Whiteboard

Projector

In-Wall
Storage Box

CeilingMIC

ConferenceSHOT AV

Laptop

Desktop Slim
Power Center

Adapter Rings

Outlet

PoE+ Power Injector

Network

| Thunderbolt | USB-C to HDMI | Cat6 HDBT | Cat6 | Network and PoE (+, ++) | Network | Power | USB | HDMI | Audio | Speaker |

COMMERCIAL AV BRANDS C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold
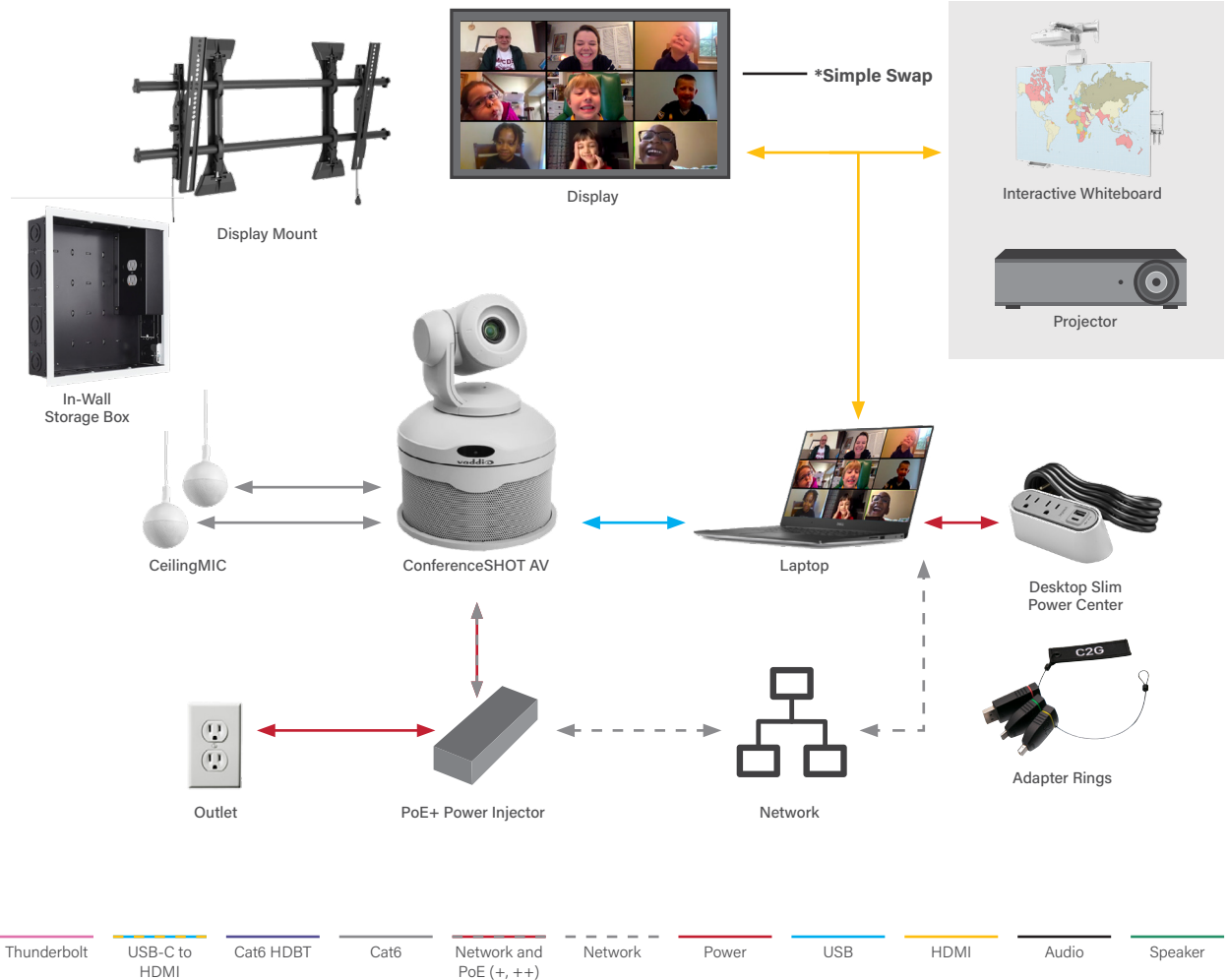
MOTION BASED AUTO-TRACKING SMALL CLASSROOM

Why We Love It

- This solution provides motion based auto-tracking to allow the instructor to walk around the front of the room and stay within the frame of the camera
- Adds intelligent video conferencing and lecture capture to an already AV equipped space

Ideal For: Video conferencing, lecture capture and multimedia support

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Part Numbers

Vaddio IntelliSHOT Auto-Tracking Camera **999-21100-000**

Vaddio USB 3.0 Active Cable **440-1005-008**

Chief Above/Below IntelliSHOT Mount **FCA800E**

Chief Display Mount **LTM1U**

Chief Projector Mount **WM210AUS**

Chief Component Storage Panel **CSMP9X12**

Da-Lite IDEA Screen **25940T**

Luxul Network Switch **AMS-1208P**

Middle Atlantic L2 Series Lectern **(See Parts List)**

Middle Atlantic Premium+ Series RackLink **RLNK-P415**

Middle Atlantic Arc Table **TBL-ARC-3P-SH-WW**

Connectrac Under Carpet Raceway (coming soon) **CT.UCR-08-QD25**

Wiremold ModPower Surface Units **MDSA10-WH**

C2G Amplifier **40881**

C2G HDMI Splitter **41057**

C2G Ceiling Speakers **39907**

C2G 6' HDMI Cable **C2G10377**

C2G 6' Cat6 Cable **03975**

C2G 50' Cat6 Plenum Cable **15274**

C2G 50' HDMI Cable (qty 2) **C2G10384**

C2G HDMI Dongle Adapter Ring **C2G30029**

Get the Full List of Parts & Pricing

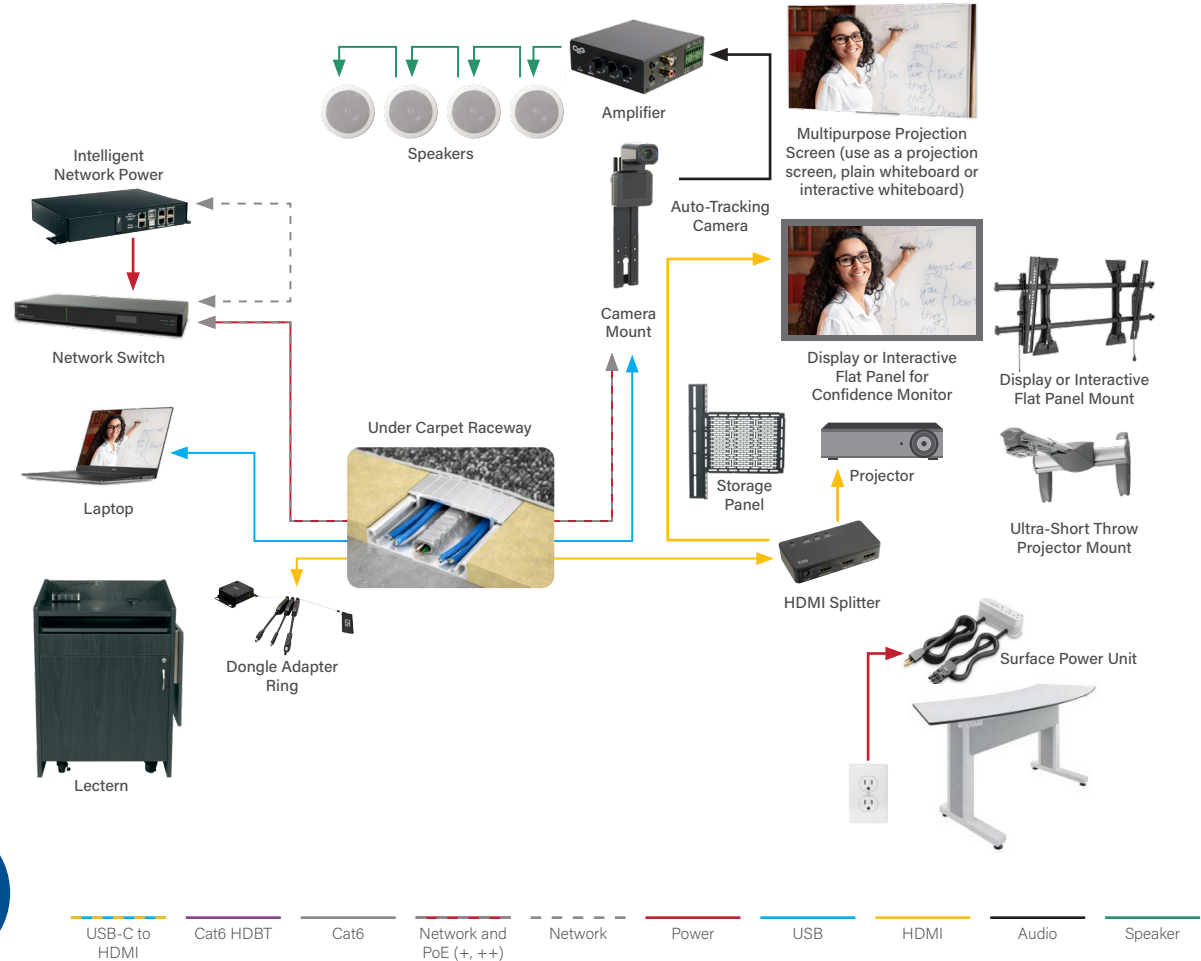### Kick it Up a Notch

Upgrade Camera System
WHY: Add an AV-over-IP classroom system in a box for extended and networked video conferencing.

Full Control
WHY: Use a Vaddio Device Controller to easily select auto-framing sensitivity and recall camera presets.

Add Intelligent Power
WHY: Provides remote management for ultimate power control.

See Diagram Online

Intelligent Network Power

Network Switch

Laptop

Lectern

Dongle Adapter Ring

Under Carpet Raceway

Speakers

Amplifier

Auto-Tracking Camera

Camera Mount

Storage Panel

HDMI Splitter

Multipurpose Projection Screen (use as a projection screen, plain whiteboard or interactive whiteboard)

Display or Interactive Flat Panel for Confidence Monitor

Projector

Display or Interactive Flat Panel Mount

Ultra-Short Throw Projector Mount

Surface Power Unit

| USB-C to HDMI | Cat6 HDBT | Cat6 | Network and PoE (+, ++) | Network | Power | USB | HDMI | Audio | Speaker |

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CAFETORIUM / AUDITORIUM

PART NUMBERS

Vaddio AV Bridge MatrixMIX Production System (Includes PCC MatrixMIX and AV Bridge MatrixMIX) **999-5660-500**

Vaddio RoboSHOT 30E HDBT OneLINK HDMI System (qty 6) **999-99630-100W**

Vaddio TeleTouch 27" USB Touch-Screen **999-80000-027**

Chief Display Mount **LTM1U**

Chief Projector Mount (qty 2) **VCTUW**

Chief Vibration Isolating Coupler (qty 2) **CMA348W**

Da-Lite Wireline Advantage Screen (qty 2) **29875**

Middle Atlantic Lectern L7 Series **L7-F61A-WD-SLHA7**

Middle Atlantic Premium+ PDU with RackLink **RLNK-P915R**

Middle Atlantic Premium Series UPS Backup Power **UPS-1000R**

Middle Atlantic UPS Network Interface Card **UPS-IPCARD**

Luxul Network Switch **AMS-2624P**

C2G HDMI Splitter **41057**

C2G 100' Cat 6 Plenum Cable (qty 3) **15276**

C2G 50' Cat6 Plenum Cable (qty 3) **15274**

C2G 15' Cat6 Cable (qty 8) **22016**

C2G 35' HDMI Plenum Cable (qty2) **41414**

C2G 10' HDMI Cable (qty 9) **56784**

C2G 10' USB 3.0 Cable **54175**

C2G 100' HDMI Plenum Cable **41369**

C2G Retractable Table Box Mount 4K HDMI Adapter Ring **29880**

Kick it Up a Notch

'No-Touch' Camera Angle Changes

WHY: Professors focus on the lecture not the tech with solutions like a step mat and sensor kit that automatically change the camera angle.
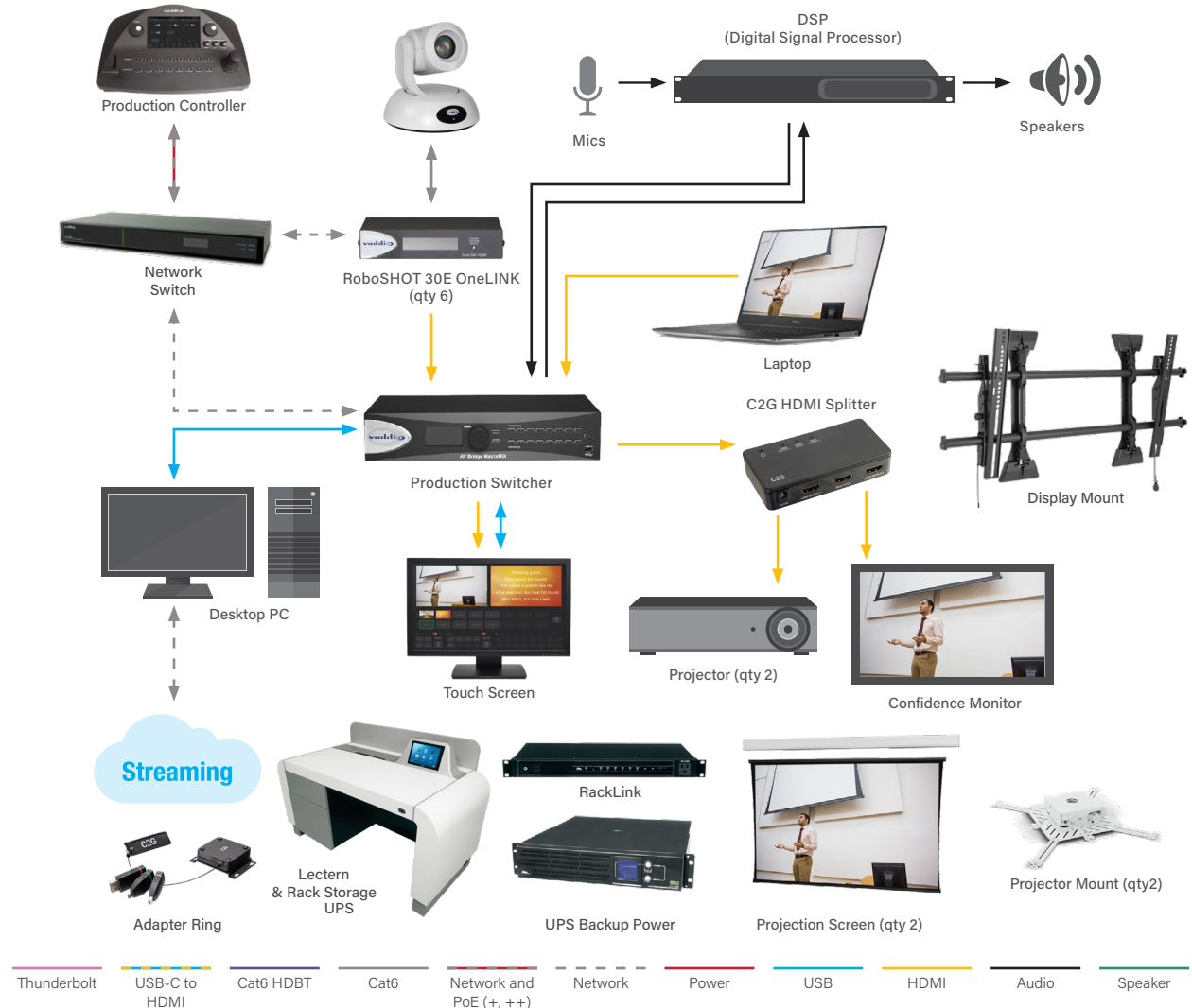
Presenter Tracking

WHY: Gives you the ability to move around the room automatically while the camera follows you.

Why We Love It

- Multi-functional solutions combines switching, advanced camera control and graphics mixing
- Multiple cameras provide ability to set presets in several locations
- Creates automation for audience engagement with video overlays and triggers
- For large lecture halls, auditoriums, cafeterias, lecture capture, video conferencing and livestreaming

Ideal For: Large lecture halls, auditoriums, cafeterias, lecture capture, video conferencing and live streaming

Thunderbolt	USB-C to HDMI	Cat6 HDBT	Cat6	Network and PoE (+, ++)	Network	Power	USB	HDMI	Audio	Speaker

ADMINISTRATIVE BOARDROOM/ CONFERENCE ROOM

Why We Love It

- High quality video and audio for video conferencing with an upscale appearance and functionality
- Program camera presets for different locations within your office (i.e. whiteboard)
- Create automation for better audience engagement with video overlays and triggers

Ideal For: Video conferencing and streaming

PART NUMBERS

Vaddio RoboSHOT 12E HDMI **999-99400-000W** (White)

Vaddio AV Bridge 2x1 **999-8250-000**

Vaddio EasyIP CeilingMIC D Microphone (qty 4) **999-85810-000**

Vaddio Device Controller **999-42300-000**

Chief Display Mount **LTM1U**

Luxul Network Switch **AMS-1208P**

Middle Atlantic T5 Series Conference Table **(See Parts List)**

Middle Atlantic C3 Credenza **(See Parts List)**

Middle Atlantic Premium+ PDU with RackLink **RLNK-P915R**

Middle Atlantic Select Series UPS Backup Power **UPS-S1000R**

Middle Atlantic Slim Power Strip **PD-815SC-20**

C2G 6' HDMI Cable **56783**

C2G 10' Cat6 Cable (qty 2) **27153**

C2G 10' USB 3.0 Cable **54175**

C2G 50' Cat6 Plenum Cable (qty 3) **15274**

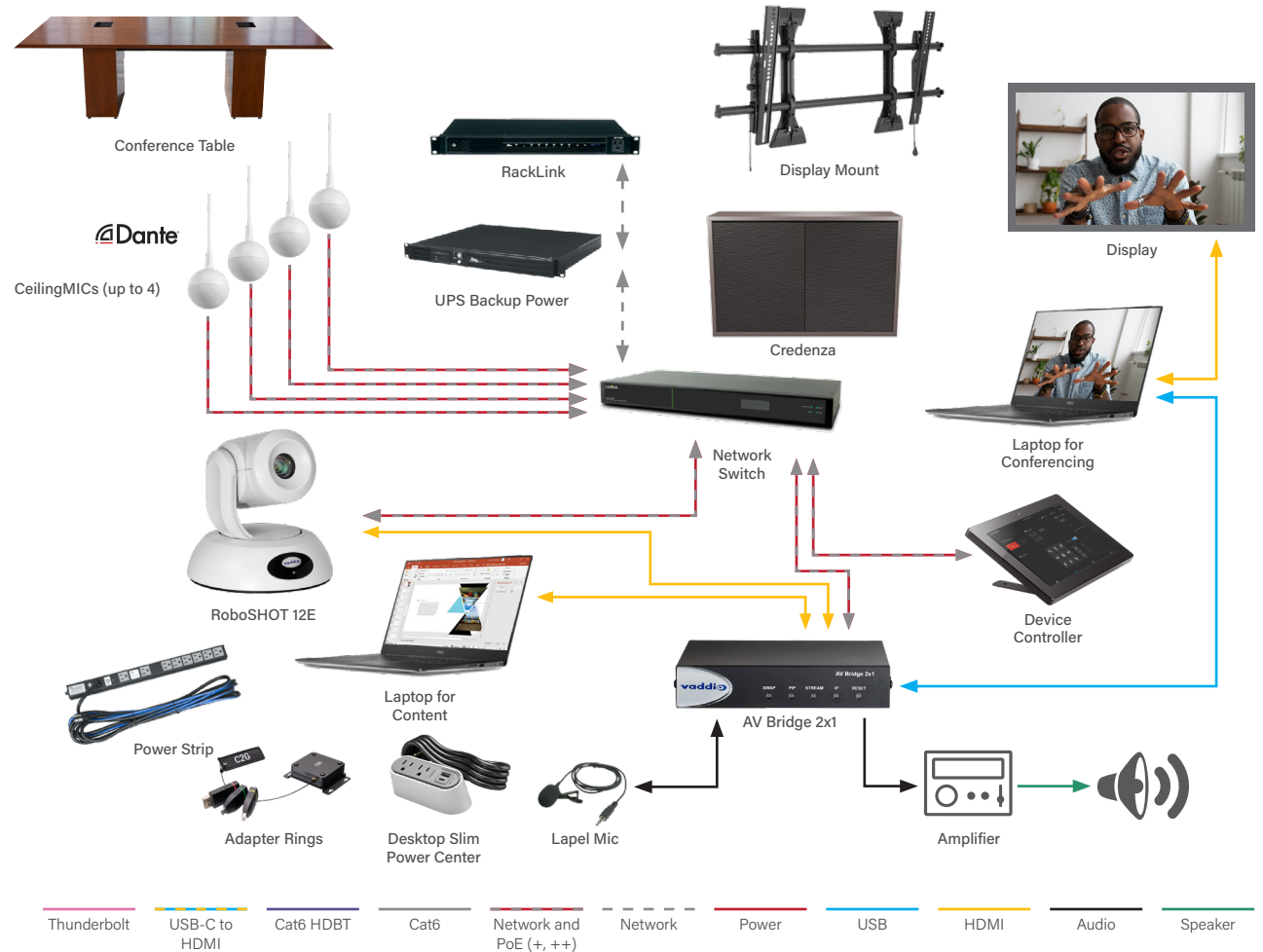C2G 50' HDMI Active Cable (qty 2) **41367**

C2G Docking Station **54439**

C2G Retractable Universal Mount 4K HDMI Adapter Ring **29879**

Wiremold Desktop Power **WSPC220CWH**

Kick it Up a Notch

Dock with Ease

WHY: Connect all desktop peripherals with a single cable, including dual displays, while also charging your laptop.

Store Gear Like a Pro

WHY: AV Racks protect the longevity of your investment by providing proper thermal and cable management.

'No-Touch' Camera Angle Changes

WHY: Allows users to present from different areas like a whiteboard and provide optimal viewing for participants.

Conference Table

CeilingMICs (up to 4)

Dante

RackLink

UPS Backup Power

Display Mount

Credenza

Display

Laptop for Conferencing

Network Switch

RoboSHOT 12E

Laptop for Content

Power Strip

Adapter Rings

Desktop Slim Power Center

Lapel Mic

AV Bridge 2x1

Device Controller

Amplifier

Thunderbolt	USB-C to HDMI	Cat6 HDBT	Cat6	Network and PoE (+, ++)	Network	Power	USB	HDMI	Audio	Speaker

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WORKING/LEARNING FROM HOME

Why We Love It

- High quality audio with echo cancellation
- Frees up your workspace
- Synchronous **learning solution**

Ideal For: Distance learning, lecture capture, streaming and video conferencing

PART NUMBERS

Vaddio ConferenceSHOT AV Bundle - TableMIC 1 **999-99950-300W** (White)

Vaddio Device Controller **999-42300-000**

Vadido USB 3 Active Cable 26' **440-1005-008**

Luxul Network Switch **AMS-1208P**

Luxul Router **WS-250**

Chief Kontour Dual Screen Monitor Mount **K2C220S**

C2G Docking Station **54439**

C2G 10' Cat6 (qty 4) **00817**

C2G 10' HDMI **56784**

C2G 10' DP-HDMI **54327**

C2G Retractable Universal Mount 4K HDMI Adapter Ring **29879**

Middle Atlantic Select Series UPS Backup Power, 1RU, 500VA **UPS-S500R**

Wiremold Desktop Power Center Slim **WSPC220CWH**

Kick it Up a Notch

Add Intelligent Power
WHY: Provides remote management for ultimate power control.

Store Gear Like a Pro
WHY: AV Racks protect the longevity of your investment by providing proper thermal and cable management.

Invest in More Audio
WHY: Make sure content and virtual participants can be heard from anywhere.

UPS   TableMIC   ConferenceSHOT AV

Router

Adapter Rings

Dual Screen Monitor Mount

Network Switch

Desktop Slim Power Center   Laptop

Docking Station

Device Controller

| Thunderbolt | USB-C to HDMI | Cat6 HDBT | Cat6 | Network and PoE (+, ++) | Network | Power | USB | HDMI | Audio | Speaker |

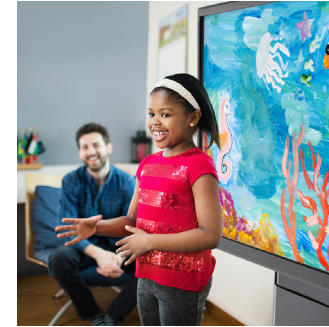**COMMERCIAL AV BRANDS** C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold

EXPLORE MORE RESOURCES

System diagrams are just the beginning. Visit our **K-12 Learning Solutions site** for more tools, articles & solution information.

AV

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K-12 LEARNING SOLUTIONS SITE

EDUCATION STABILIZATION FUNDS LARGELY UNTAPPED

EDUCATION DIAGRAMS COLLECTION

TOP 3 CAMERAS FOR K-12

TOP AV CARTS FOR K-12

THE FUTURE OF EDUCATION EMAGAZINE

AMAZING AV EXPERIENCES | legrandav.com

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