AV Bridge™ MatrixMIX

MULTIPURPOSE AV SWITCHER

Stream Your Live Events to UC Applications

The AV Bridge MatrixMIX is the industry's first AV production switcher that brings live event production to UC applications such as Microsoft Teams, Zoom, Meet, and WebEx. This exciting solution is part of the AV Bridge family—the industry standard for converting AV equipment to USB streams.

With AV Bridge MatrixMIX, you can:

- Bring live production capabilities to UC applications
- Combine switching, advanced camera control, streaming and graphics mixing
- Control and configure remotely for large enterprise or higher education applications
- Enhance live events with seamless switching of cameras and media content

www.legrandav.com/vaddio

X MULTIPLY Your Options.

The AV Bridge MatrixMIX multifunctional feature set offers combined switching, advanced camera control, streaming and graphics mixing capabilities from a single solution. Pair with the new Vaddio PCC MatrixMIX Camera Controller and TeleTouch 27" USB Touch-Screen Multiviewer, plus Vaddio cameras, audio devices, and triggers to create a simple-to-use, easy-to-support one-vendor solution.

Simple to operate

Because it's very easy to use, an IT staff or volunteer producers can create a first-rate production without extensive training.

PCC MatrixMIX Live Production Controller

The PCC MatrixMIX Live Production Controller is equipped with precision controls for camera operation via the AV Bridge MatrixMIX.

- Easy-to-find camera functions, pan, tilt and zoom speed control knobs
- Illuminated push buttons for camera selection
- Large focus knob for fine control with auto/manual toggle and three-axis Hall-effect joystick
- Embedded web server for control anywhere

TeleTouch 27" USB Touch-Screen Multiviewer

The TeleTouch 27" USB Touch-Screen Multiviewer works in conjunction with the AV Bridge MatrixMIX.

- The touchscreen allows all presets and camera positions to be displayed and activated by touching the image itself
- The multiviewer can be configured to display up to six input windows and two larger "Preview" and "Program" windows with red and green tally window borders
- Easy to operate for volunteer situations where training time is limited

StepVIEW Mat / PresenterPOD Triggers

For automated presentation applications, StepVIEW Mats and PresenterPODs make it easy for the presenter to automate cameras and audio sources. By simply stepping on a StepVIEW Mat or pushing a button on a PresenterPOD, the person who is presenting can automatically trigger a camera preset or control other content sources.

House of Worship

- Easy to use—minimal training required for volunteers
- Touch-screen is simple and intuitive to use
- Because Vaddio offers a complete solution (cameras, switchers and controls) and an unparalleled customer service team, churches benefit from a single source for reliable support
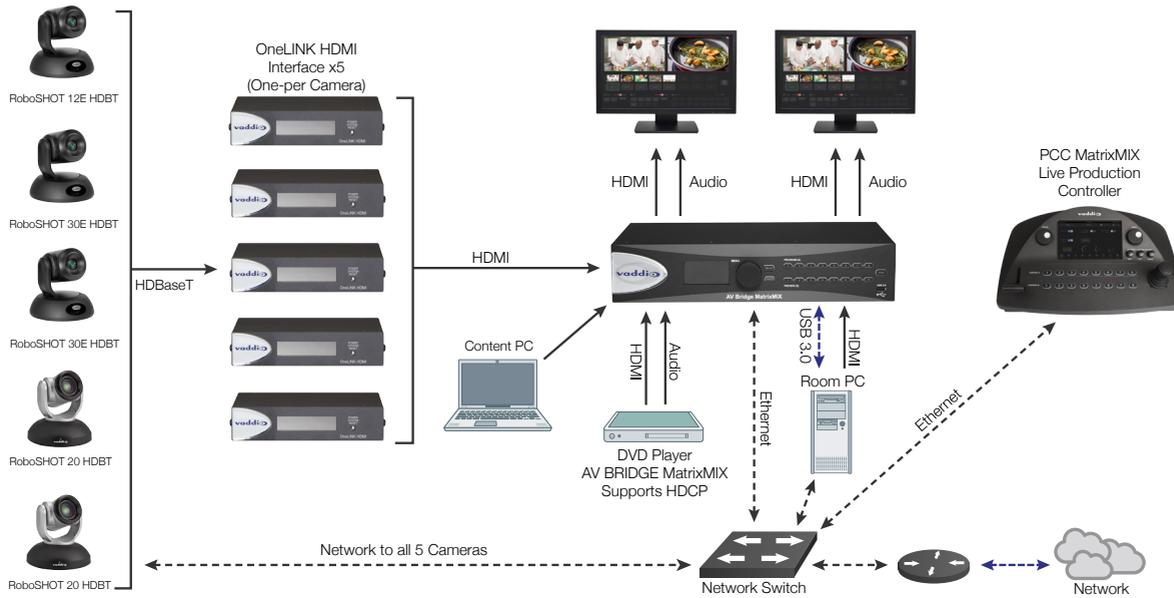
Higher Education

- One single AV solution, many uses—saves budget dollars
- Use for lecture capture with presenter tracking, live event production or connect to unified collaboration services for distance learning
- Enhance the learning experience by bringing multimedia into the classroom
- Simple touch-screen interface is easy for professors to use
- Eliminate need for operators and automate presentations with Vaddio triggers and control sensors
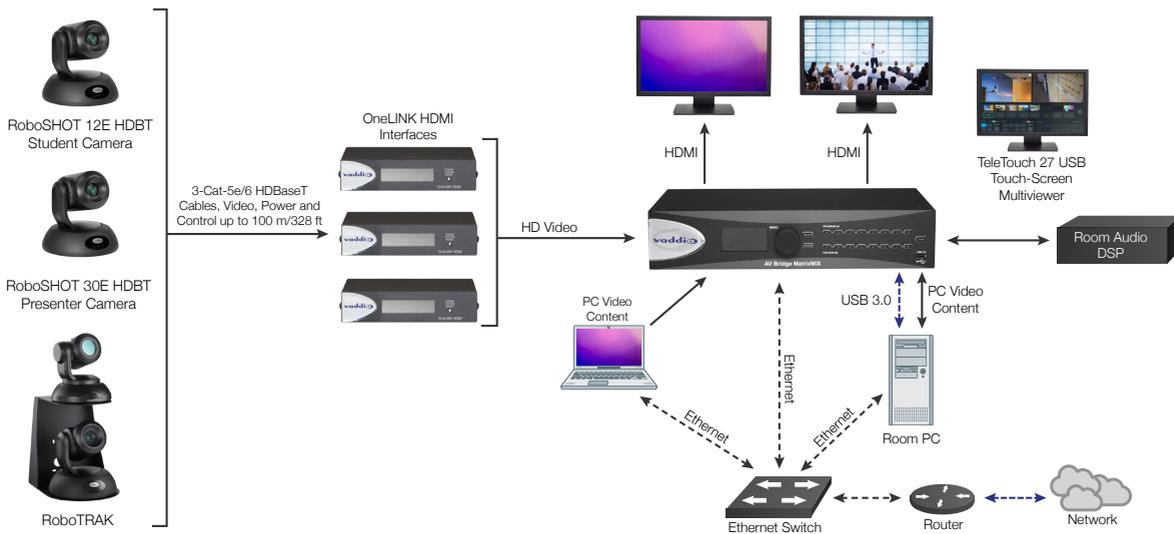

Corporate

- Enhance live meetings or presentations with graphics and live stream to remote participants
- Easy to use video mixing functions
- Create interactive live events with Skype for Business, WebEx or Google Hangouts
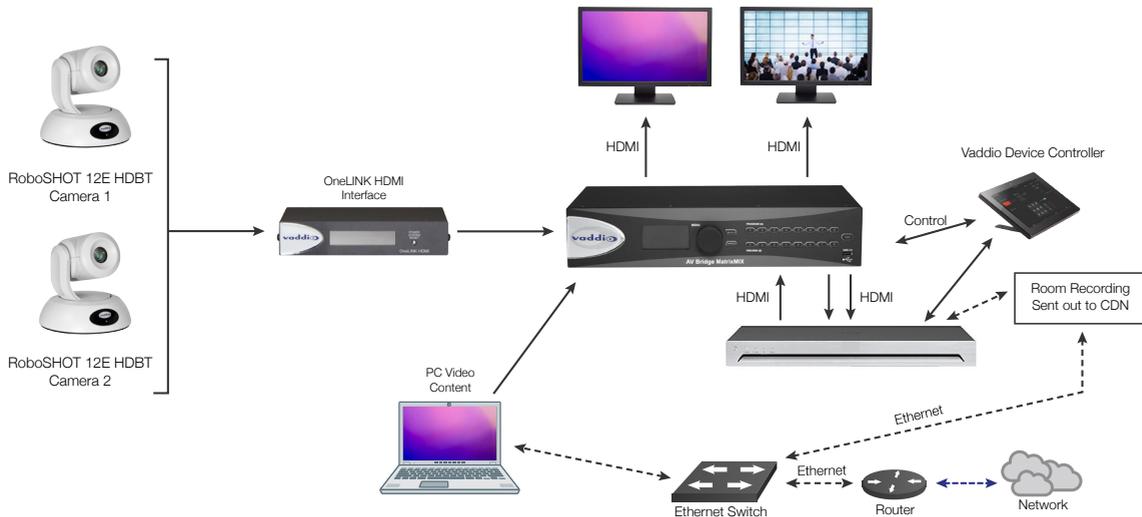
Live Production System

RoboSHOT 12E HDBT
RoboSHOT 30E HDBT
RoboSHOT 30E HDBT
RoboSHOT 20 HDBT
RoboSHOT 20 HDBT

HDBaseT

OneLINK HDMI
Interface x5
(One-per Camera)

HDMI

HDMI   Audio   HDMI   Audio

PCC MatrixMIX
Live Production
Controller

AV Bridge MatrixMIX

Content PC

HDMI   Audio

Ethernet

USB 3.0   HDMI

Room PC

Ethernet

DVD Player
AV BRIDGE MatrixMIX
Supports HDCP

Network to all 5 Cameras

Network Switch

Network

Houses of Worship

Simulation Labs

Council Chambers

Presentation System

RoboSHOT 12E HDBT
Student Camera

RoboSHOT 30E HDBT
Presenter Camera

RoboTRAK

3-Cat-5e/6 HDBaseT
Cables, Video, Power and
Control up to 100 m/328 ft

OneLINK HDMI
Interfaces

HD Video

HDMI   HDMI

TeleTouch 27 USB
Touch-Screen
Multiviewer

AV Bridge MatrixMIX

Room Audio
DSP

PC Video
Content

USB 3.0   PC Video
Content

Ethernet

Ethernet   Ethernet

Room PC

Ethernet Switch

Router

Network

Classrooms

Conference Rooms

Board Rooms

Video Conferencing System

RoboSHOT 12E HDBT
Camera 1

RoboSHOT 12E HDBT
Camera 2

OneLINK HDMI
Interface

HDMI   HDMI

Vaddio Device Controller

AV Bridge MatrixMIX

Control

HDMI   HDMI

Room Recording
Sent out to CDN

PC Video
Content

Ethernet

Ethernet

Ethernet Switch

Router

Network

Conference Rooms

Board Rooms

Training Rooms

Enhance. Stream. Share. Collaborate.

- The industry's first multipurpose AV production switcher that brings live event production to UC applications
- Enhance your presentations or live events with graphics and interactive content for a superior user experience—and live stream to Microsoft Teams, Zoom, Meet, WebEx or other leading UC applications
- From Vaddio, the leader in converting AV sources to USB streams

Features

- 8x2 Video Switcher + Multiviewer Output
- 11x7 Audio Mixer supports analog, HDMI, USB and IP audio channels
- Embedded RTSP IP & USB 3.0 output streaming
- 2 graphic keying layers per output channel for overlay graphics or motion graphics over live video feed
- Motion graphic mixing from input 7/8
- Picture-in-picture mixing
- HDCP compliant
- Optimized for use with Vaddio equipment

Connector Panel

Connections, left to right, by row:

- RS-232 port for external control device; trigger inputs for up to 10 presenter-controlled devices
- RS-232 Ports for six cameras
- Audio I/O: Two microphone/line inputs and two line outputs
- Power Connector: 12 VDC 5.0 Amp
- Network: Control, IP streaming, graphics
- USB 3.0 Port: Uncompressed audio and video stream
- USB 2.0 (2 ports): TeleTouch control and graphics files
- HDMI Inputs: Video from six cameras and two additional video sources
- HDMI Outputs: Program, preview, and multiview; audio and HDCP support on program and preview

Ordering Information

Description	North America	Europe/UK	Australia/New Zealand
AV Bridge MatrixMIX	999-5660-000	999-5660-001	999-5660-009
PCC MatrixMIX	999-5755-000	999-5755-001	999-5755-009
TeleTouch 27 USB	999-80000-027	999-80000-027	999-80000-027
PresenterPOD System	999-1111-000	999-1111-001	999-1111-001
Additional PresenterPOD	999-1111-002	999-1111-002	999-1111-002
StepVIEW Mat Small	999-1511-000	999-1511-000	999-1511-000
StepVIEW Mat Large	999-1512-000	999-1512-000	999-1512-000
AutoVIEW IR Sensor Kit	999-1701-100	999-1701-101	999-1701-101

VADDIO
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LEGRAND | AV COMMERCIAL BRANDS

C2G | Chief | Da-Lite | Luxul | Middle Atlantic | Vaddio | Wiremold