

Tech Spec

PCC MatrixMIX

Live Production Controller

Control Interface for AV Bridge MatrixMIX

North America: 999-5755-000

Europe and UK: 999-5755-001

Australia and New Zealand: 999-5755-009



Features

Intuitive control for AV Bridge MatrixMIX switchers:

- Touch-panel interface for CCU, presets, PIP, keying, audio control, macros, and streaming operation
- T-bar control for video transitions and graphics
- Web interface for complete administrative control from anywhere, using your browser
- Optimized for soft conferencing clients

Precision for the most demanding camera operation environments:

- Three-axis Hall effect joystick
- T-bar for manual transitions
- Pan, tilt, and zoom speed control knobs
- Illuminated pushbuttons for camera selection
- Large knobs for fine focus control and menu navigation, with push-to-select function

Versatile power solution using PoE+ (Power over Ethernet)

Connector Panel



Ethernet/PoE+ connector – PoE+ Gigabit Ethernet for power, control, and access to the cameras associated with the connected switcher.

HDMI connector – Reserved for future use.

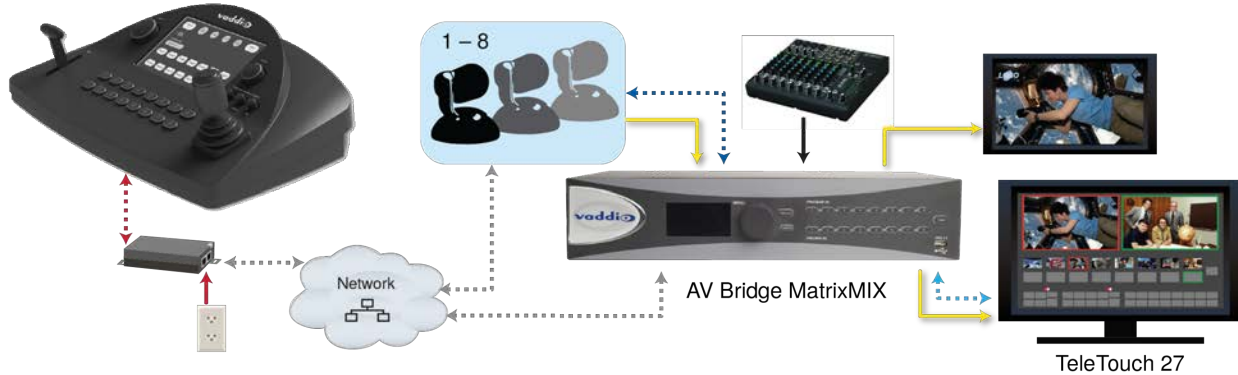
What's Included

Each PCC MatrixMIX is shipped with these items:

- PCC MatrixMIX
- Mid-span PoE+ power injector with AC cord set(s)
- Cat-5e patch cable, 10 ft (3 m)
- Quick Start Guide

Basic Connections

The diagram below shows a basic live production setup.



Specifications

Camera Management and Video Output

Control via IP Network	Up to 8 cameras via connected AV Bridge MatrixMIX switcher Directory of up to 10 connected AV Bridge MatrixMIX switchers		
Local Program Output	HDMI at resolutions up to full HD (1080p/60)		
IP Streaming Decoder and Protocol	H.264, RTSP	Streaming Resolution	Up to full HD (1080p/60)

Hardware

Control console	<ul style="list-style-type: none"> ■ 7" capacitive touch panel display – Camera presets and administrative menu ■ Illuminated rotary knobs – Focus (control, auto/manual) and Menu (display panel navigation) ■ Rotary knobs – Pan, tilt, and zoom speed ■ Illuminated pushbuttons – Program and Preview camera selection ■ 3-axis Hall effect joystick, single-button – Pan, tilt, and zoom ■ T-bar for manual transitions
System I/O	<ul style="list-style-type: none"> ■ Gigabit Ethernet port with PoE+ support ■ HDMI output

Power, Physical and Environmental

Power Requirements	PoE+ (Power over Ethernet)	Power Consumption	< 25W
Height	5.125 in. (12.6 cm)	Operating temperature	0° to +40°C (32° to 104°F)
Width	17 in. (43.2 cm)	Operating humidity	20% to 80% RH
Depth	11 in. (27.9 cm)	Storage temperature	-5° to +60° C (23° to 140°F)
Weight	7.2 lb (3.3 kg)	Storage humidity	20% to 80% RH

Specifications are subject to change without notice.