

HOW the VIDEO system works together.



Using the Video switchers (Kramer, and Quattro)

Incoming signals:

1. toggle / on-off
2. Quattro video switcher
3. Kramer audio switcher
4. Preview screens
5. Kramer video switcher
6. DVD player
7. AETM black magic studio camera switcher
8. wireless mic receiver
9. splitter / amplifier to projectors

Video originates from Apple computer (Pro Presenter) and is sent by DVI cable into the Quatro (2) switcher / scaler for video. Audio is sent to the Kramer audio (3) from Apple, and DVD.

Other Video feeds originate from the DVD player by yellow composite cable into the Kramer video (5) and live feed from the cameras into the AETM (7). The AETM is controlled by a laptop with switching software, and “Media Express” software on another computer for capturing the footage.

The Kramer video collects several sources and is sent to the Quatro. The Quatro is sent to the Amplifier / Splitter (9) and is then sent to the projectors and TV’s.

The multiple TV feed is split by VGA to the HRT receiver by converting VGA to CAT5 and back to VGA. This is done for the convenience of using CAT5 cable.

Long Video Runs from a camera are converted from HDMI to SDI cable with the use of Black Magic conversion boxes. (SDI cable can run longer than HDMI)

**TV has to have
VGA input—
Or convert to HDMI**

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VGA cable

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**URA receiver
6 volt 2 amp positive
center power supply**

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CAT 5 cables

**HRT UVA 8 video splitter for multiple TVs
VGA input to cat5 multiple lines.**

VGA cable

**Any Computer
with VGA output**

This set up is used for BUSHIDO off site:

