Room Kit Pro and Inogeni 4KX-PLUS
For USB Passthrough – with Inogeni at table Line drawing

Typical microphones

Located at table

Cisco Table

Microphones

Located in rack

Extended wiring

Audio Amplifier

See Audio Console config
embedded audio

LAPTOP for Presentation
and USB Passthrough

CISCO CODEC PRO

IN OUT

MIC/LINE -  - PHX PHX -  - LINE OUT 1

MIC/LINE 2 -  - PHX PHX -  - LINE OUT 2

MIC/LINE 3 -  - PHX PHX -  - LINE OUT 3

MIC/LINE 4 -  - PHX PHX -  - LINE OUT 4

MIC/LINE 5 -  - PHX PHX -  - LINE OUT 5

MIC/LINE 6 -  - PHX PHX -  - LINE OUT 6

MIC/LINE 7 -  - PHX -  -

MIC/LINE 8 -  - PHX -  -

1080P VID 1 -  - HDMI HDMI -  - 4K VIDEO 1

1080 VID 2 -  - HDMI HDMI -  - 4K VIDEO 2

4K VIDEO 3 -  - HDMI HDMI -  - 4K VIDEO 3

4K VIDEO 4 -  - HDMI -  - ANT

3G-SDI 6 -  - MICRO-BNC -  - ANT

GPIO -  - PHX PHX -  - GPIO

COM -  - PHX USB-A -  - HOST

DEVICE -  - USB-B USB-A -  - HOST

LINK-LOCAL 1 -  - ETH -  -

LINK-LOCAL 2 -  - ETH -  -

LINK-LOCAL 3 -  - POE -  -

LINK-LOCAL 4 -  - POE ETH -  - LAN

Startech 3-IN-1 MULTIPORT ADAPTER p/n CDP2HDUACP2

NOTE: If your Windows laptop has only USB-C, you will need one of these adapters for HDMI and USB-A

NOTE: MacBook users – you are accustomed to dongles 🍎 One that will work is the Apple USB-C Digital AV Multiport Adapter

IN OUT

VIDEO -  - HDMI HDMI -  - VIDEO LOOP

MIC/LINE -  - 3.5MM. 3.5MM. -  - HEADPHONES

USB 3.0 -  - USB-B -  -

POWER -  - MINI USB -  -

IN OUT

VIDEO -  - HDMI HDMI -  - VIDEO LOOP

MIC/LINE -  - 3.5MM. 3.5MM. -  - HEADPHONES

USB 3.0 -  - USB-B -  -

POWER -  - MINI USB -  -

PTZ 4K Camera

Presenter Camera

INOGENI 4KX-PLUS

IN OUT

MIC/LINE -  - 3.5MM. 3.5MM. -  - HEADPHONES

USB 3.0 -  - USB-B -  -

POWER -  - MINI USB -  -

COLOR KEY

HDMI

FSR Digital Ribbon Cable

USB

Analog audio

UTP LINK-LOOP

LAN

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Navigator UI

Optional third screen

4KX-PLUS INSTALLATION

THE ADVANTAGE TO PLACING THE INOGENI AT THE TABLE is twofold:
1) it is not necessary to extend USB
2) If more than one computer is used for USB Passthrough, the Lightware or other switcher can also be at the table, simplifying wiring.

NOTE: We recommend FSR Digital Ribbon Cable for long HDMI runs. If narrow conduit is a problem, then traditional UTP extenders can be used.

FSR Digital Ribbon Cable or UTP extenders

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