

# FRESCO 4 VIDEO WALL

AC-FRESCO-CAP-4 VIDEO WALL PROCESSOR

## QUICK START GUIDE

THE FRESCO 4 ENABLES YOU TO PROCESS 4K VIDEO THROUGHOUT YOUR VIDEO WALL. AVPRO EDGE INCLUDED ROBUST SCALING FEATURES INSIDE THIS PROCESSOR THAT ALLOWS YOU TO NOT ONLY INPUT 18GBPS 4K60 WITH HDR SIGNALS, BUT OUTPUT 4K 444 TO EACH DISPLAY.

THIS QUICKSTART GUIDE WILL BE GOING OVER:

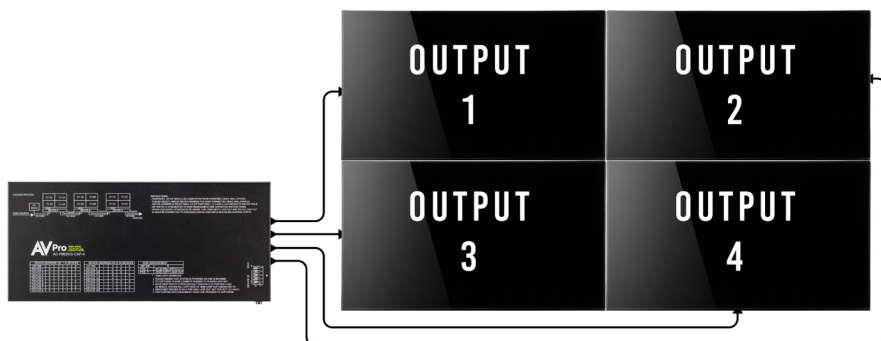
- INSTALLATION
- CONNECT/CONTROL

### INSTALLATION



- HANG THE PANELS/DISPLAYS
- PLUG IN POWER TO THE FRESCO
- CONNECT THE SOURCE TO THE FRESCO HDMI INPUT
- OUTPUT 4 HDMI CABLES TO DESIRED DISPLAYS
- LAUNCH THE FRESCO PC SOFTWARE AND CONNECT TO THE FRESCO PROCESSOR
- INPUT MEASUREMENTS AND SELECT OUTPUT RESOLUTION THEN HIT GENERATE VIDEO WALL!

FRESCO 4 DISPLAY LAYOUT EXAMPLE:



# CONNECT/CONTROL

## CONNECT: NETWORK/LAN

- CLICK ON BOX ABOVE NETWORK/LAN
- DEFAULT IP = 192.168.001.2390 (CHANGING THE IP ADDRESS REQUIRES USING THE WEB INTERFACE OR SENDING DIRECT CONTROL COMMANDS VIA AN RS-232 CONNECTION AND TERMINAL APP. #BAUD RATE 57,600)
- CLICK THE “CONNECT TO FRESCO” BUTTON UNDERNEATH NETWORK/LAN SETTINGS

## CONNECT: USB/RS-232

- CLICK ON THE BOX ABOVE USB/RS-232.
- FOR USB/RS-232, YOU CAN OPT THE CONNECT VIA THE ISP/CONTROL MINI USB PORT ON THE FRONT OF THE FRESCO, OR ALTERNATELY USE THE 3-PIN PHOENIX CONTROL CONNECTION ON THE BACK.
- FOR USB/RS-232, CLICK THE “SEARCH FOR VIDEO WALL PROCESSOR” BUTTON (MAGNIFYING GLASS). THE FRESCO COMM PORT#, DEVICE ID, AND NAME WILL AUTOMATICALLY FILL THE DATA FIELDS
- IF THE FRESCO IS FOUND, CLICK THE “CONNECT TO FRESCO” BUTTON UNDERNEATH THE USB/RS-232 SETTINGS

## MEASURE

- ENTER THE MANUFACTURER AND MODEL INFO.
- USE ONLY MILLIMETERS TO TAKE MEASUREMENTS (DUE TO THEIR ADDED PRECISION).
- TAKE MEASUREMENTS OF THE VISIBLE WIDTH, HEIGHT AND THICKNESSES OF ALL FOUR BEZELS (TOP, BOTTOM, LEFT, RIGHT).
- CLICK THE “SAVE DISPLAY INFORMATION” BUTTON (THIS INFO WILL BE SAVED FOR FUTURE USE).
- CLICK THE “OPEN DISPLAY INFORMATION” BUTTON TO LOAD PREVIOUSLY SAVED DISPLAY INFO. (IF NEEDED)
- NOTE: IF ALL OF YOUR DISPLAYS ARE THE SAME MAKE AND MODEL, NEXT CHECK THE 3 “COPY DISPLAY 1” BOXES. THE DISPLAY INFO FROM THE DISPLAY-1 BOX WILL BE AUTO ENTERED INTO THE OTHER THREE DISPLAY RECTANGLES

## SELECT THE “OUTPUT RESOLUTION” FROM THE DROP-DOWN MENU.

- OUTPUT RESOLUTION OPTIONS: 720P, 1080P, 4K 30HZ 4:4:4, 4K 60HZ 4:2:0, AND 4K 60HZ 4:4:4

## GENERATE VIDEO WALL

CLICK ON “GENERATE VIDEO WALL”. FOR A MORE IN DEPTH CALIBRATION CLICK ON ADVANCED SETTINGS. YOU CAN ALSO SET THE OUTPUT RESOLUTION TO DESIRED SETTING.

The screenshot shows the 'CONFIGURE VIDEO WALL' web interface. The interface has a sidebar on the left with 'CONNECT' and 'ADVANCED' tabs. The main area is titled 'CONFIGURE VIDEO WALL' and contains a 'DISPLAY MEASUREMENTS' section. This section has four display configuration boxes (DISPLAY 1, 2, 3, 4). Each box has fields for 'MANUFACTURER', 'MODEL', 'VISIBLE WIDTH', 'VISIBLE HEIGHT', 'TOP', 'BOTTOM', 'LEFT', and 'RIGHT' bezel measurements. There are also 'COPY DISPLAY 1' checkboxes for each display. At the bottom, there is a 'DISPLAY RESOLUTION' dropdown menu.

## **TROUBLESHOOTING**

- **VERIFY POWER - THE LED ON THE FRONT OF THE FRESCO SHOULD BE LIT UP RED WHEN POWER IS APPLIED. CHECK POWER SUPPLY CONNECTIONS TO DEVICE AND POWER**
- **VERIFY CONNECTIONS - CHECK ALL CABLES ARE PROPERLY CONNECTED**
- **ISSUES WITH 4K BUT 1080P OR LESS IS WORKING:**
  - **VERIFY ALL CONNECTED DEVICES ARE CAPABLE OF THE SIGNAL YOU ARE SENDING**
  - **VERIFY THAT THE HDMI CABLES YOU ARE USING ARE CERTIFIED FOR 4K SIGNALS**

**HAVE A QUESTION OR NEED ASSISTANCE?  
DON'T HESITATE TO CONTACT US!**

**SUPPORT: +1 605-274-6055  
USA TOLL FREE: 877-886-5112  
EMAIL: [SUPPORT@AVPROEDGE.COM](mailto:SUPPORT@AVPROEDGE.COM)**

