

# Section 5C – GV Korona Technical - Panels

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The Clip Store, Panel LAN and Menu/Facility LAN must be connected as shown with no Ethernet switches or Routers between the components and the Frame.

The Karrera system uses a panel constructed of internal "Stripes". Each row The Menu "Touch" Display Panel is an option on Karrera. When supplied by GV, it will use a different (than Kayenne) proprietary Power and Data Cable set to communicate with it's standalone Windows 7, 64 bit PC. This is a small fanless "brick" PC and can mount on the articulated arm directly behind the menu panel with the supplied bracket.

The Optional Aux Panel has separate Power and Data connections to the rear of a Karrera Panel. The RJ-45 connector (Stripe Data, not ethernet) does NOT carry power.

The Panel and Menu both communicate with the Karrera frame using 2 Ethernet (10, 100, 1000bT) frame connections.

Other devices may communicate with the Karrera frame via Ethernet.

There are 4 network ports on the rear of the Karrera Frame. Grass Valley requires that the connections between the frame and panel & Menu are dedicated and not run through a switch.

The connection between the ClipStore and the Karrera Frame must also be dedicated and not run through a switch.



In the S-series the physical ME's are assigned as shown with a Korona panel.





The K-Frame V series houses 3 boards from the front.

The reference Out is NOT a generator it is an output from the Reference input.



# ME Mode Notes:

\* Key busses 5 and 6 only exist the K-Frame Dual ME boards.

\*\* The Utility busses U1 and U2 only exist in the K-Frame Dual ME boards. These are used for backgrounds for the Secondary Partition in Split Mode described below. The C and D busses act as Utility busses for the S-series frame.

The other Difference is the M E View output (pM) active with v6.0 software.

Each Mix Effects can be configured for different operating modes.

- 1. Normal Mode. Main output is A all keys active. B, C and D are clean outputs No keys active.
- Programmable Clean Feed Mode (PCF) (Flexi-Key) Provides controllable keys on all 4 ME outputs
- 3. Split Mode. (Double Take) Enables Primary and Secondary ME functions. Keys can be assigned to either Primary or Secondary. Utility busses are Secondary backgrounds.
- 4. Split / Layered mode configures an output as a Key channel. If in Split mode, the Primary side Key will be output B and the Secondary side Key will be output D.























Device Control can be performed from any transition control touch screen

Devices can also be controlled from the right hand side of any bus row delegated to device control mode.

This is done by holding down the Switched Preview button. The 8 Right hand buttons and their displays now control a selected device.

Devices can be set for a single device or the controls can follow a selected bus \_ row.

Hold down 'Prev' and 'Next' together and choose a machine or any non machine xpt to return to follow mode.

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When Aux bus control is delegated to a bus row the Aux sub menu in the transition display will allow Aux bus transitions if a resource has been assigned for aux bus transition.

Resources can be assigned to Aux transition in the Suites Prefs, Resource allocation menu.























# Karrera Network Addressing

The Karrera Panels have 2 pages of Panel utility menus.

From any E-Mem panel, select "Menu and Page" to view and chose the desired menu.

Panel and target Frame IP Addressing is done from page 2.

<image/>	GV Korona Panel Adjustments	
Move the Lever Arm to the position indicated by the Arrow. Press "Next". Move the arm to the other end of travel, press "Next" then "Exit" to finish	Panel Calibration Lever Arm	
grass valley	Move the Lever Arm to the position indicated by the Arrow. Press "Next". Move the arm to the other end of travel, press "Next" then "Exit" to finish	50-28

# **Panel Adjustments**

The Panel Menu functions can be accessed by selecting "Menu" from any of the E-MEM panels.

The Transition Lever Arms and the Joy Stick all require a calibration after any software change or update.

From the Panel Menu, select "Calib". Then Select the device to calibrate, Joystick, Lever 1 or Lever 2. Lever 3 may be selected on a 3 M/E Panel. The individual routines will have instructions appear on the panel displays. Follow the instructions and "Exit".



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Under File Explorer does	Kayenne_Frame_Driver - Notepad	×
	<u>File E</u> dit F <u>o</u> rmat <u>V</u> iew <u>H</u> elp	
show the Korona log files	INFO 22 Jun 2016 09:58:42 Kayenne Frame Driver V9.4.0d82 Initializing.	
	INFO 22 Jun 2016 09:58:42 Loading command conversions.	
	INFO 22 Jun 2016 09:58:42 Resetting the panel to a clean state.	
	INFO 22 Jun 2016 09:58:42 Registering for panel FIDs.	
The Kayenne_Frame_Driver	INFO 22 Jun 2016 09:58:42 Initialization complete.	
	TNEO 22 Jun 2016 09:58:45 Connecting to the Trame at 10.10.20.150	
Log shows the windows	INFO 22 Jun 2010 09:58:44 Subscribing to frame parameter.	
connections with the frame	INFO 22 Jun 2016 11:13:44 Disconnecting from the frame.	
	WARN 22 Jun 2016 11:13:45 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:13:49 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:13:52 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:13:56 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:13:59 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:03 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:00 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:13 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:17 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:21 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:24 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:28 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:31 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:35 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:38 Connecting to the frame at 10.16.20.130	
	WARN 22 Jun 2016 11:14:42 Connecting to the frame at 10.16.20.130	

