LS9 Short Cuts & Tips
1. **EQ GAIN to 0dB (Flattening all EQ bands of the selected channel)**

   By pressing both HIGH and LOW key on the SELECTED CHANNEL section simultaneously, you can reset all the EQ bands of the currently selected channel to 0dB.

![EQ Gain to 0dB](image)

2. **EQ GAIN to 0dB (Flattening a single EQ band of the selected channel)**

   By pressing both Q knob and GAIN knob located on the SELECTED CHANNEL section simultaneously, you can reset a single EQ band (LOW, LOW MID, HIGH MID or HIGH) of the currently selected channel to 0dB.

![EQ Gain to 0dB](image)

3. **To access the VIRTUAL RACK page**

   By pressing both the RACK1-4 and RACK5-8 keys on the DISPLAY ACCESS area simultaneously, you can access the VIRTUAL RACK page.

![Virtual Rack Page](image)

4. **Quick access to EQ or DYNAMICS popup window**

   Press the SETUP key on the DISPLAY ACCESS area to access the USER SETUP page and select PREFERENCE. In the PREFERENCE page, set "POPUP APPEARS WHEN PRESSING KNOBS" to ON. Now popup windows related to the function of the knob can be displayed when you press a knob on the SELECTED CHANNEL section.
5. **Screen contrast adjustment**

The screen contrast can be adjusted by turning the dial while pressing the HOME key.

![Screen contrast adjustment](image)

6. **Quick access to a specific menu page or popup window (Using user-defined keys)**

To quickly access the page or popup window you require, assign the PAGE CHANGE function (PAGE BOOKMARK) to a user-defined key in the USER SETUP page. Press and hold the assigned key for 2 seconds or more while displaying the page or popup window you want to bookmark.

![Quick access to a specific menu page or popup window](image)

7. **Assigning channels to the CUSTOM FADER LAYER**

To assign the channels to the CUSTOM FADER LAYER, open the CUSTOM FADER LAYER popup window (SETUP>>>USER SETUP>CUSTOM FADER LAYER), and press the SEL key of the target channel.

![Assigning channels to the CUSTOM FADER LAYER](image)
8. Push and turn features

Fine adjustment is available by push-and-turning operation of some encoders on the SELECTED CHANNEL section.

9. Reset the input channel to the nominal level

- Reset channel faders to nominal level
  To reset the channel faders to the nominal level, first assign "SET NOMINAL" function to one of the user-defined keys. Then press the SEL key of the desired channel while pressing and holding the user-defined key with the SET NOMINAL function.
- Reset ST IN channel encoder to nominal level
  To reset the ST IN channel encoder to the nominal level, turn the encoder knob to the right quickly and release it immediately (like an analog trim).

10. Unit used in the level meter for digital mixers

- Unit in analog and digital mixers
  Analog mixer ・・・ dBu
  Digital mixer ・・・ dBFS
  (0dBFS represents the highest possible level)
- Maximum output level of Yamaha's digital mixers
  LS9-32/16 ・・・ +24dBu
  M7CL-48/32 ・・・ +24dBu
  PM5D/PM5D-RH ・・・ +24dBu

- How to feed +4dBu level signal (Professional standard level for equipment)
  Adjust audio signal level to give the meter -20dBFS.
  (0dBFS = +24dBu, defined in the AES standard)

11. Initializing all memories (Returning the console to factory preset)

To initialize the console, turn on the power while pressing and holding the SCENE MEMORY key located on the DISPLAY ACCESS section. The console will start with the startup menu screen. In the startup menu, you can also select different menu options, such as fader calibration, etc.
12. Link across layers

Stereo instruments take two channels and two faders, this can eat up faders on your top layer. Try putting the right side fader on the second layer and linking the two channels. To link across layers, go to CH JOB, CH Link page and press SEL key of the L channel. Press and hold the Enter key while moving to the second layer, still holding the Enter key press the SEL key of the R channel. The channels are now linked.

TIP:
Be sure to keep the faders at the same level when linking or a L/R offset will be linked! (Press and hold the SEL key when moving a fader to deliberately create an offset.)

13. LS9 preparation with Studio Manager

Many setup operations can be done with Studio Manager Editor for LS9 on a PC or Mac. Operations like naming channels and programming User Defined Keys can be done quickly and easily without even opening the LS9 case. Create and save console sessions to a USB key directly from your laptop and load later or connect directly to LS9 via Ethernet, and operate console features and use the special windows REV-X editors on-line.