YAMAHA

LS9 Short Cuts &Tips

commercial audio

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.

Press simultaneously

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.

Press the knobs marked in red frame simultaneously
after selecting the desired EQ band (marked in dotted frame).

3.   To access the VIRTUAL RACK page

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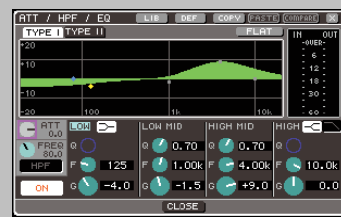you can access the VIRTUAL RACK page.

Press simultaneously   VIRTUAL RACK page

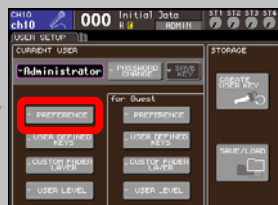## 4.   Quick access to EQ or DYNAMICS popup window

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.
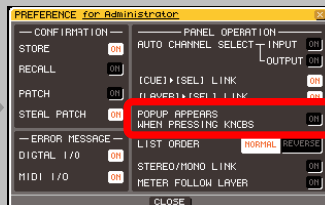
Popup window is displayed.
Press the knob again
to close the window.

Access the SETUP page.   Select PREFERENCE.   Set the function marked in red frame to ON.   Press a knob.

5.   Screen contrast adjustment

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

Turn the dial while pressing the HOME key.

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.

Press the SETUP key
to access the USER SETUP page.

Select USER DEFINED KEYS.

Select the key you want to assign,
and then select PAGE CHANGE and PAGE BOOKMARK
in the USER DEFINED KEY SETUP.

Display the page or popup window   Press and hold the assigned key .
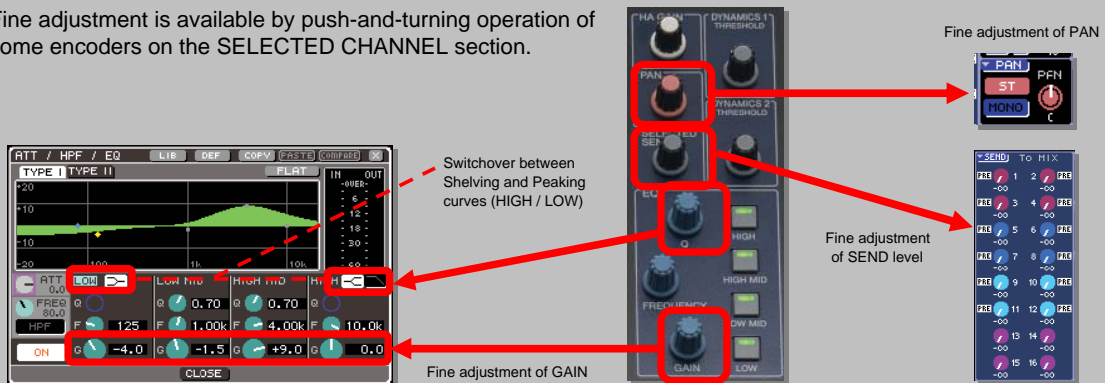you want to bookmark.

7.   Assigning channels to the CUSTOM FADER LAYER

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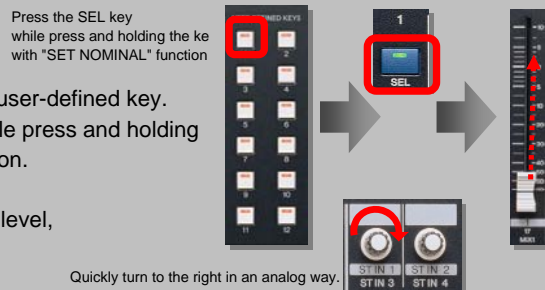(SETUP>>>>USER SETUP>CUSTOM FADER LAYER), and press the SEL key of the target channel.

8. Push and turn features

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

Fine adjustment of PAN

Switchover between
Shelving and Peaking
curves (HIGH / LOW)

Fine adjustment
of SEND level

Fine adjustment of GAIN

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 key.
   Then press the SEL key of the desired channel while press 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).

Press the SEL key
while press and holding the ke
with "SET NOMINAL" function

Quickly turn to the right in an analog way.

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)

0 (in dBFS) is the highest level = +24dBu

Decibel value (in dBFS)

Level where the color of indicator changes from green
to orange (-20dBFS) shows +4dBu output level position.

-24dBFS = 0dBu(Analog mixer)

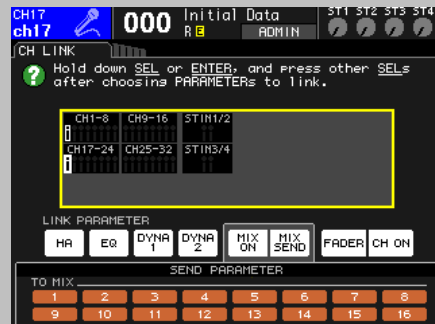## 11. Initializing all memories (Returning the console to factory preset)

To initialize the console, turn on the power
while press 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 a different menu
option, 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.