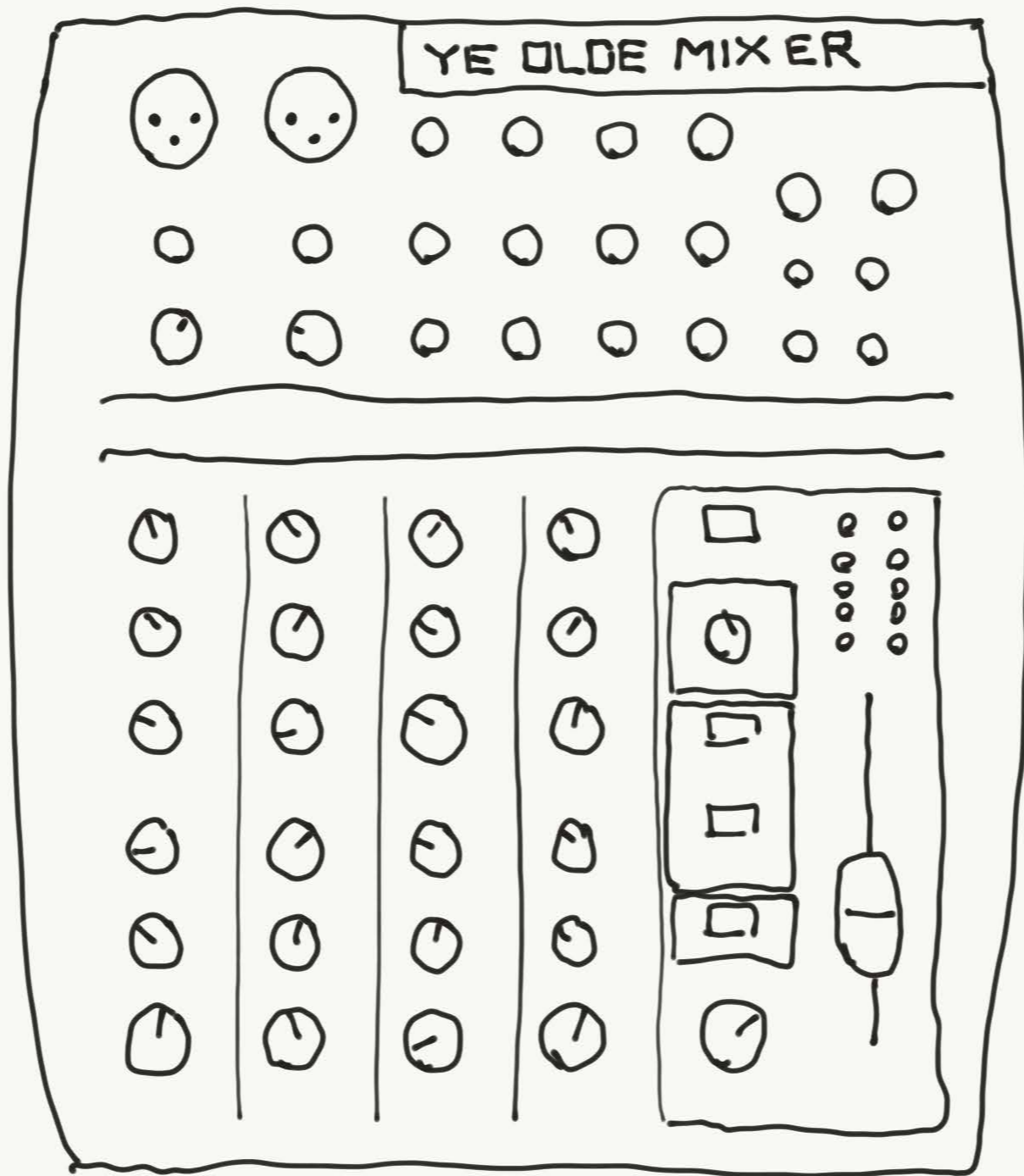


# MIXERS



# TYPES OF MIXERS



## ANALOG

(historically) cheaper  
one-function-per-knob

no presets!

sound quality: "CLASSIC SOULFUL BRITISH UNICORN  
SOMETHING SOMETHING PET SOUNDS  
WHATEVER"



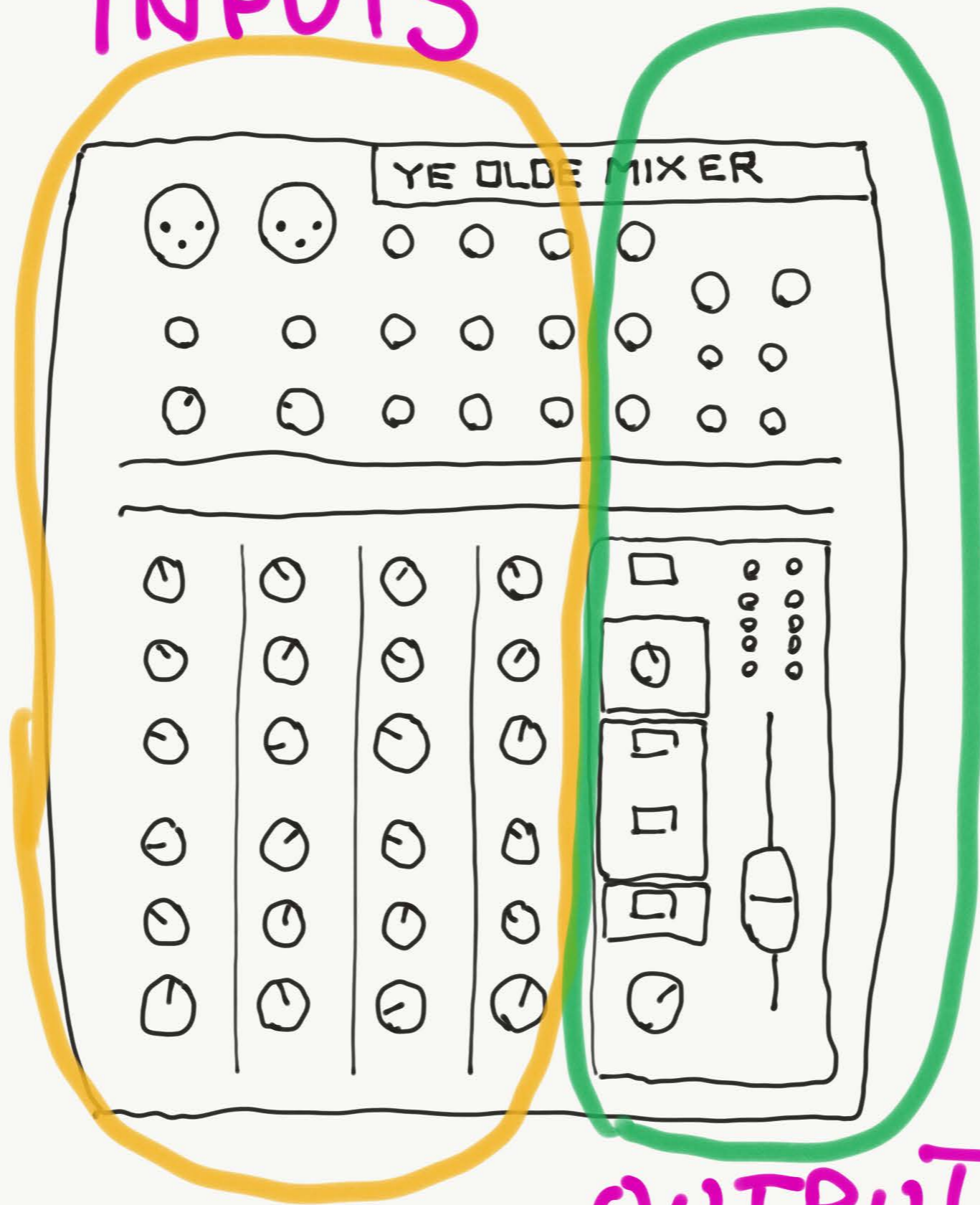
## DIGITAL

presets!

soft buttons

sound quality: "SERIOUSLY IT'S FINE"

INPUTS



OUTPUT

# CHANNEL STRIP

YE OLDE MIXER

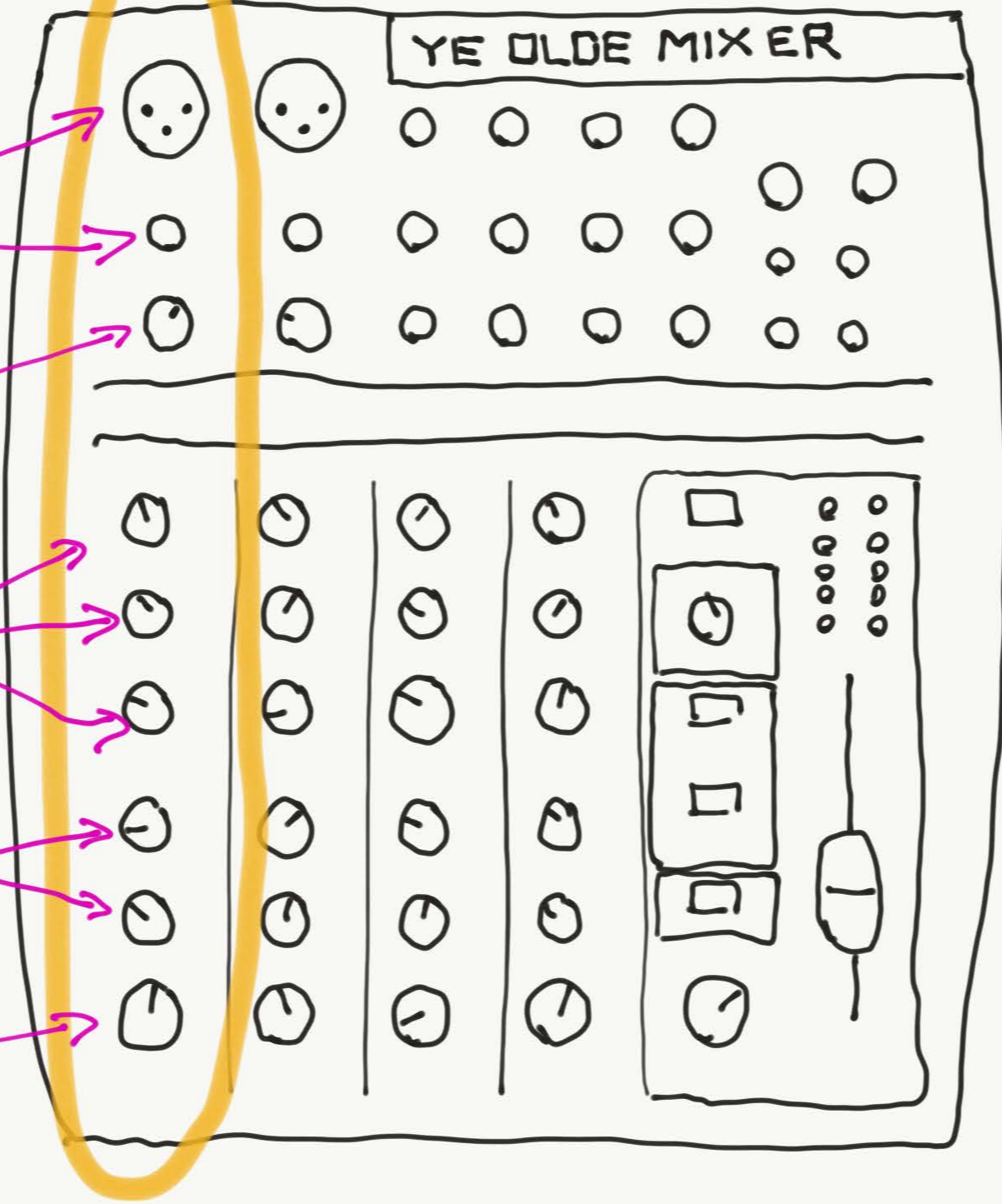
PHYSICAL INPUTS

PRE-AMP GAIN

EQ

SENDS

VOLUME

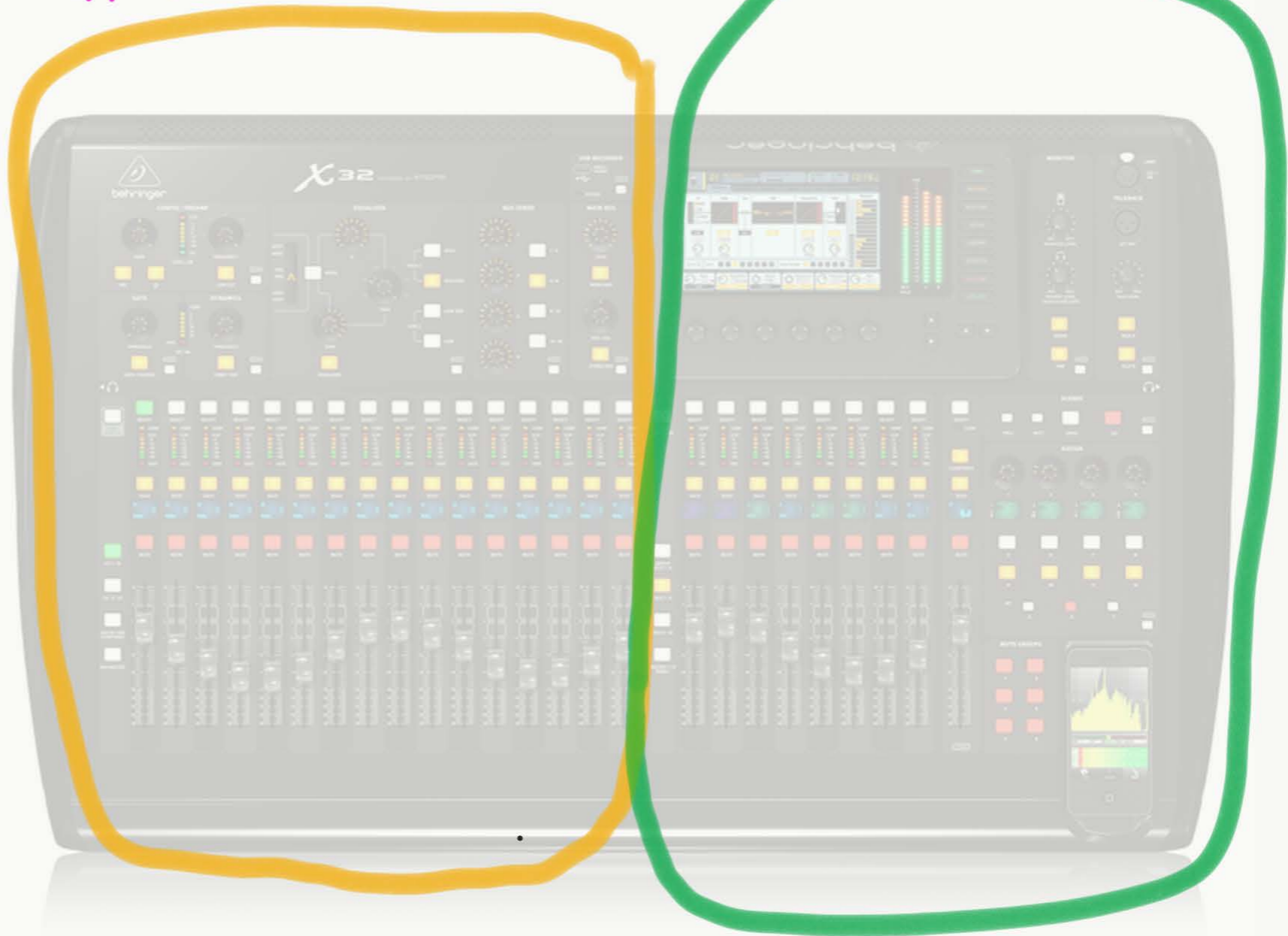




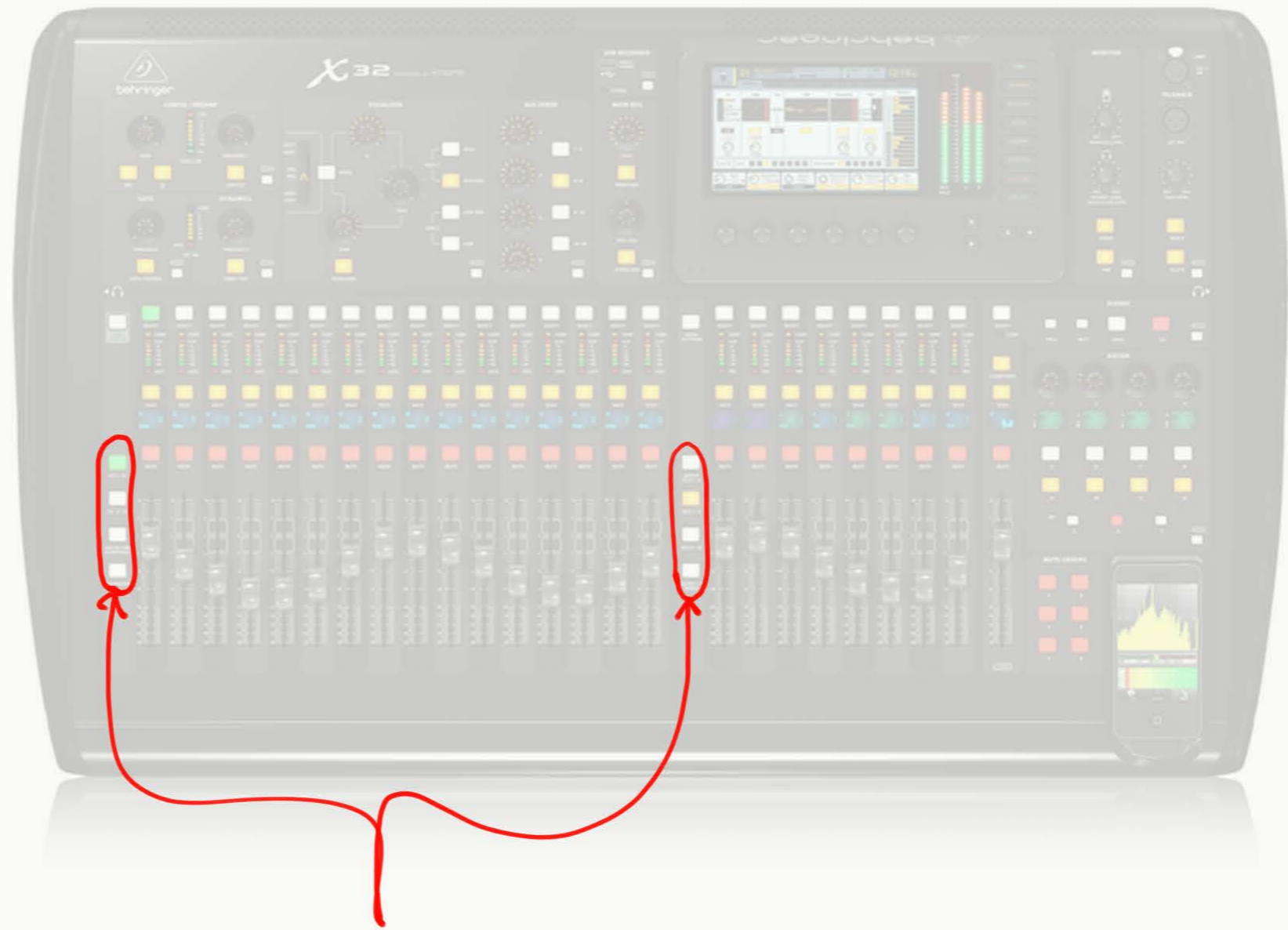
# DIGITAL MIXERS 101



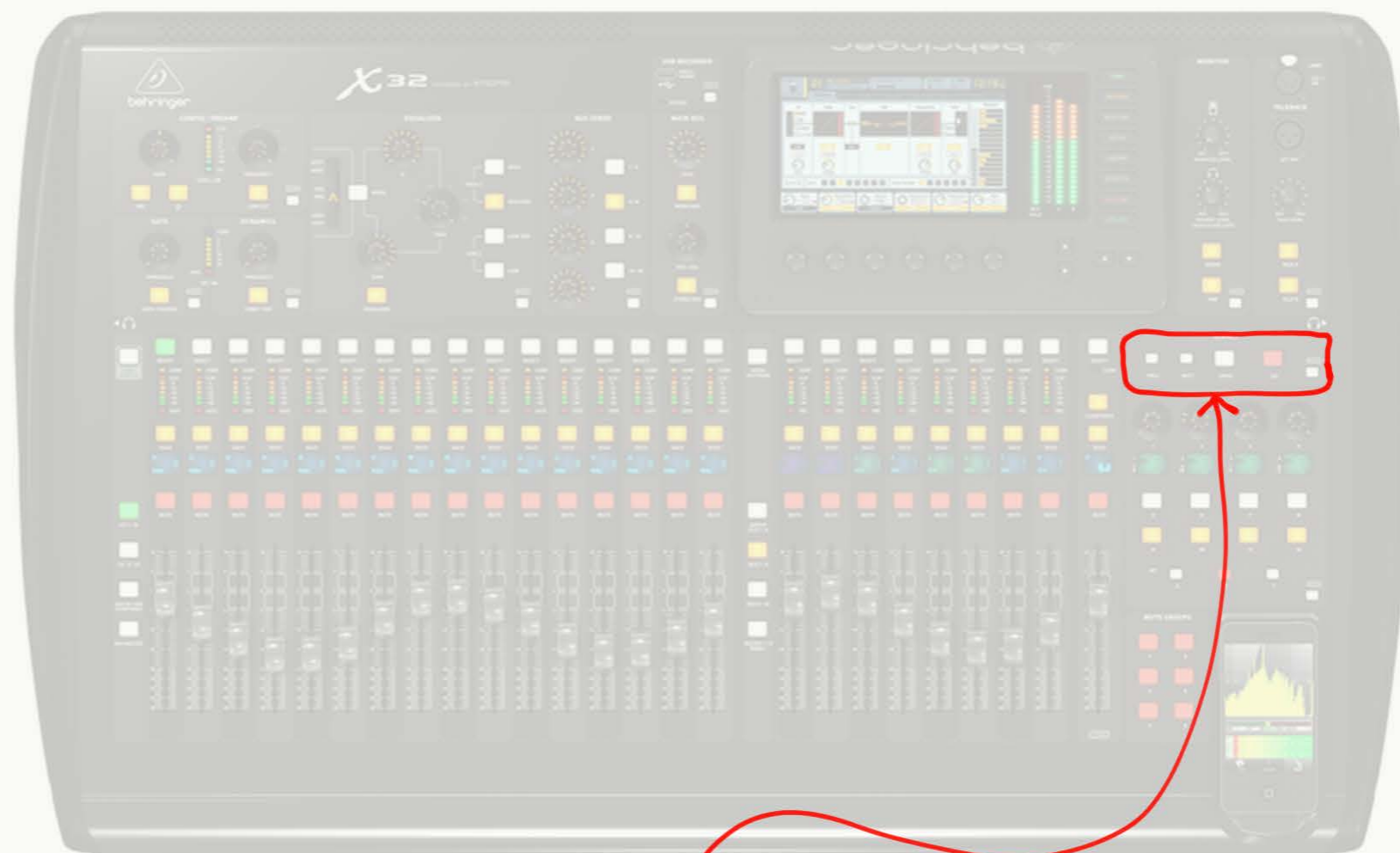
INPUT



OUTPUT



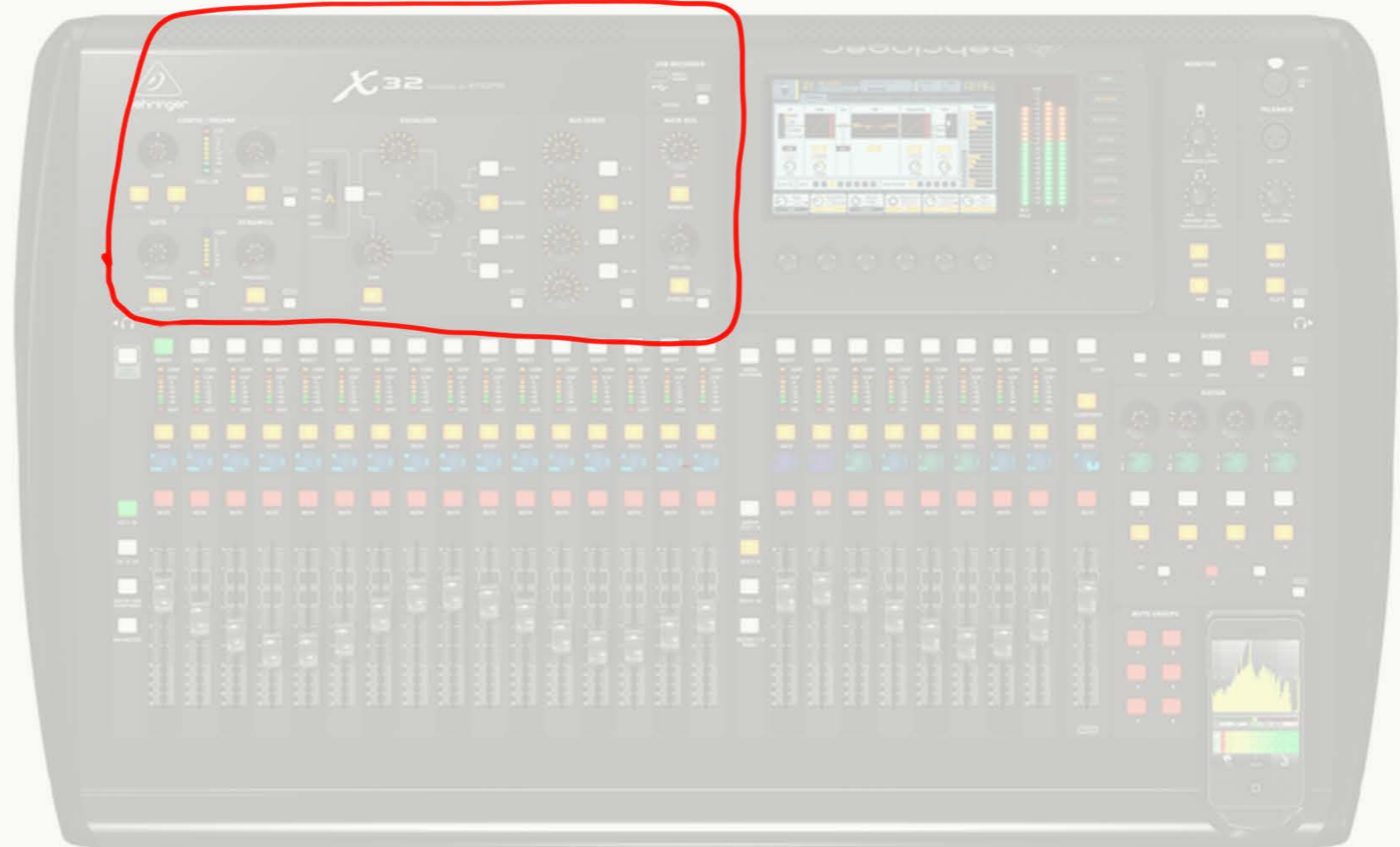
Soft buttons switch to different banks of inputs & outputs



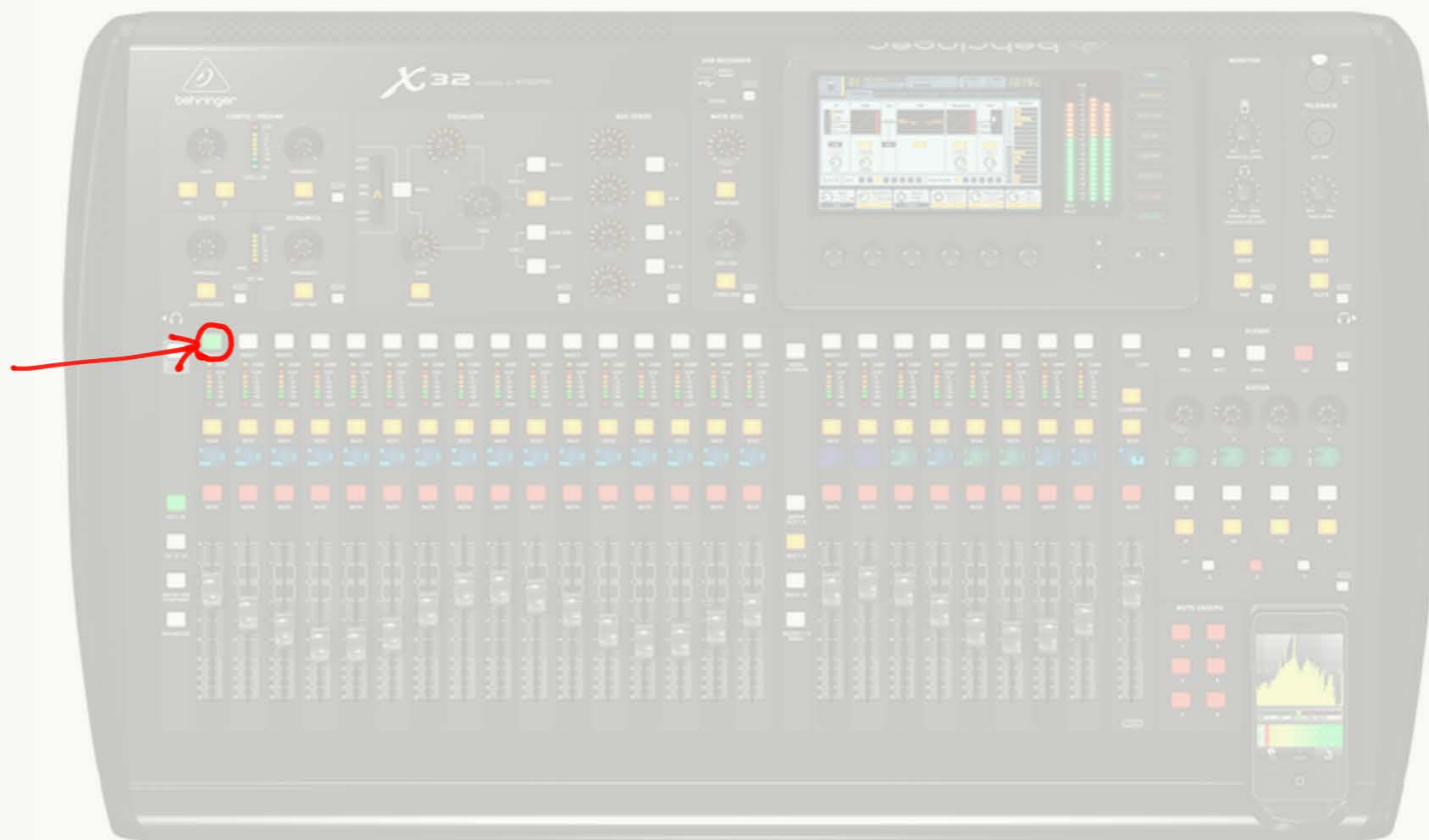
"Scenes" are presets for mixes. Press "view" to go to this section.

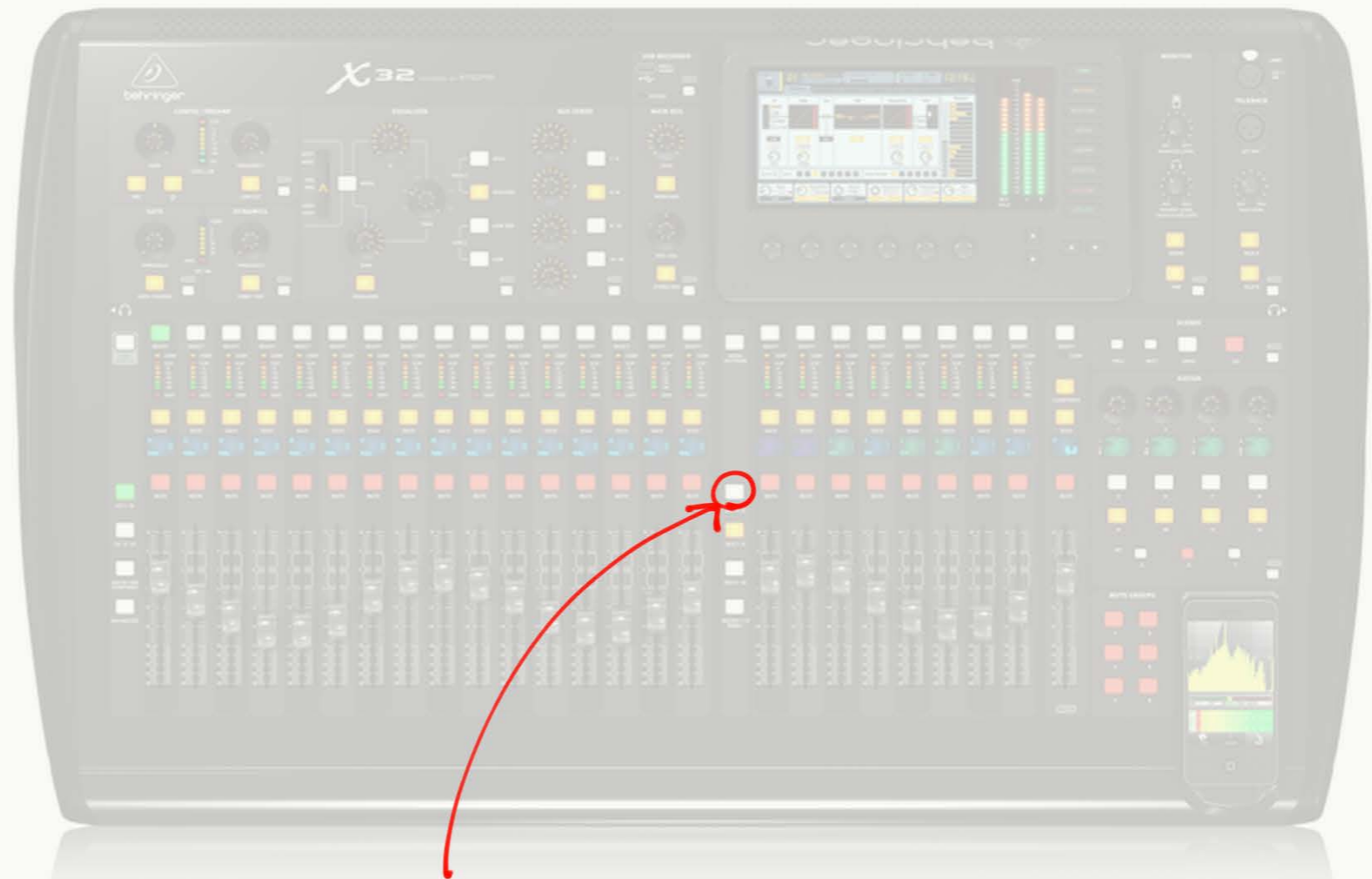


This is the channel strip area where you can set the pre-amp gain, EQ, bussing, etc.

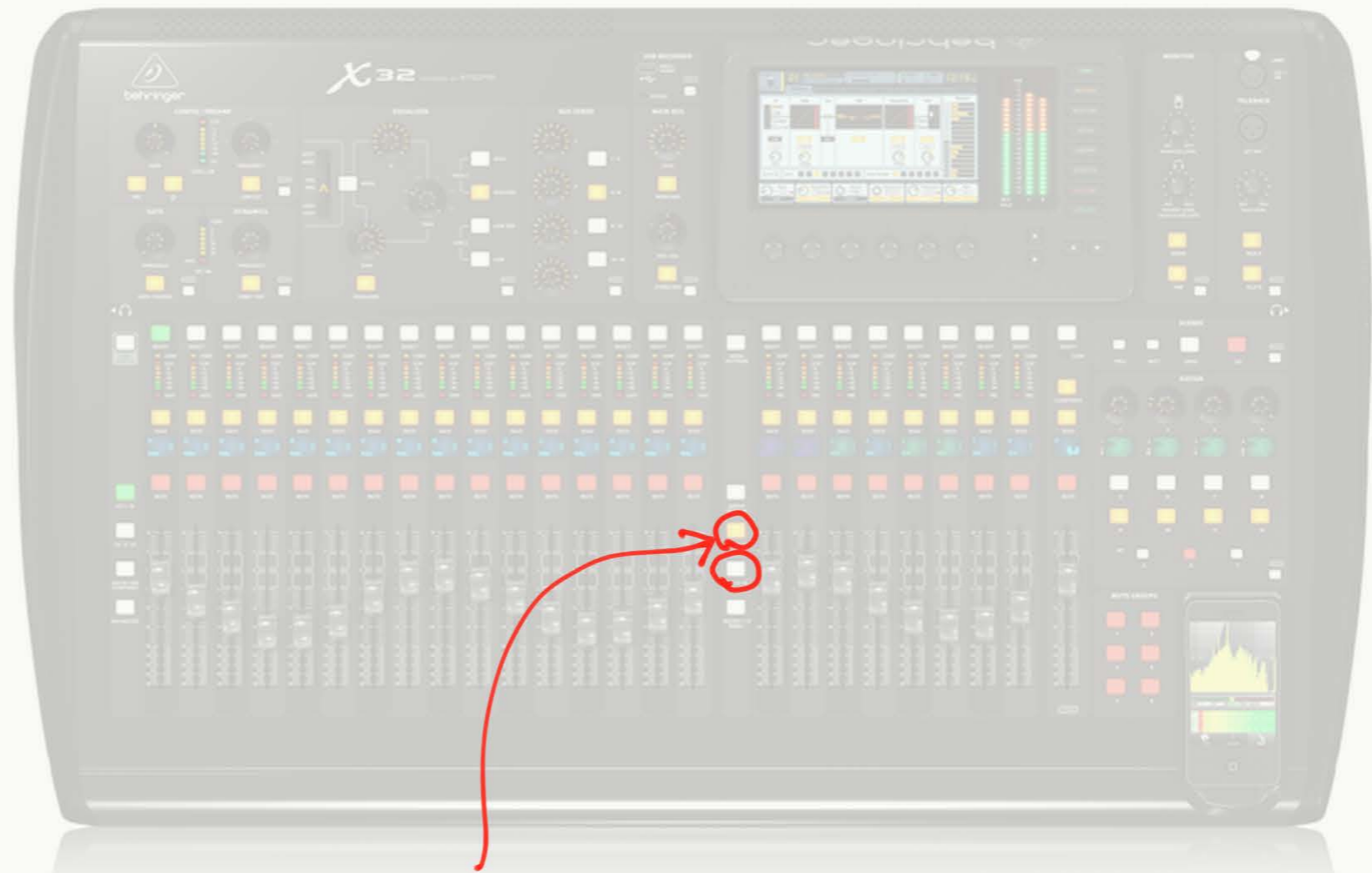


Use the "select" button  
to focus the channel  
strip on that track.



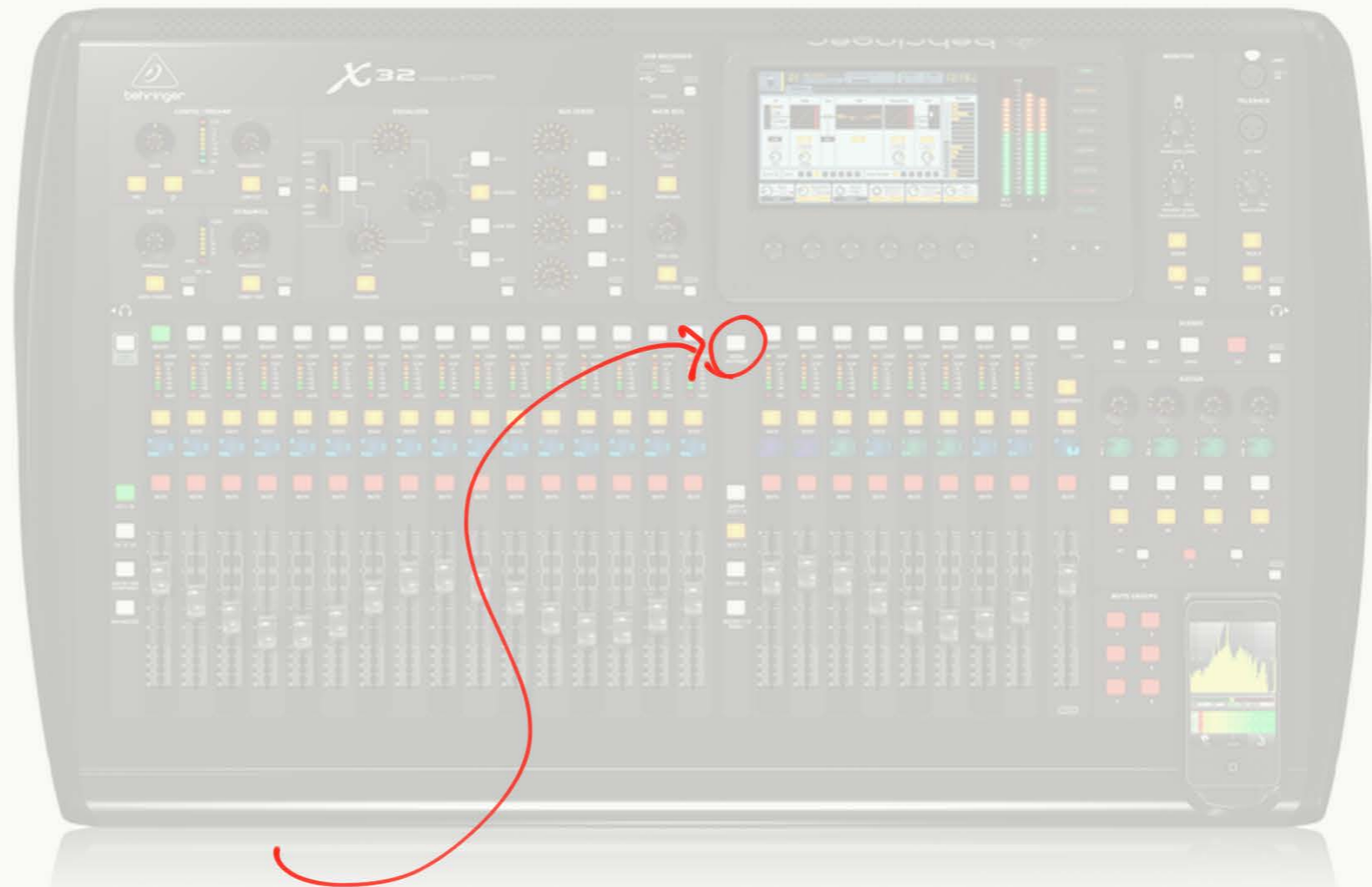


"DCA" = Digitally Controlled Amplifier, is used to control volume of groups of inputs. Hold "select" on a DCA to see which inputs it controls. While holding select you can add/remove inputs by pressing select over the input tracks.



"Bus" outputs are usually used for onstage monitors, surround channels, and other outputs that are not the main stereo mix.





Hit "SENDS ON FADER" to make the faders display the send levels from inputs to bus outputs. Hit "select" over input or bus tracks to show the send or receive levels. Hit "SENDS ON FADER" a second time to go back to regular mixing.

XLR (a.k.a. "mic cable")



3 conductors  
daisy chainable thru in-out connectors  
"balanced"  
mic or line level

1/4" cable, a.k.a.  
guitar cable, a.k.a.  
instrument cable, a.k.a.  
TS cable



2 conductors  
not chainable w/o couplers  
unbalanced





TRS cable



3 conductors  
balanced

BALANCED  
BUT UNCE



vs

unbalanced



RCA



Aux, a.k.a. 1/8"



unbalanced







# DI Box



Converts unbalanced signal to balanced  
Fixes impedance issues  
Drops line/instrument level to mic level

# DMX Cable



Same connectors as a "XLR/mic" cable!

It's an XLR cable!

In/out opposite of audio XLR

DMX is 120 ohm, audio is 75 ohm

Sometimes 5 pin

