CCP Audio system training

I don’t have any idea what to write here.

So a poem is written by a poet, right?

Who writes a novel then? A novet?

Four kind of people

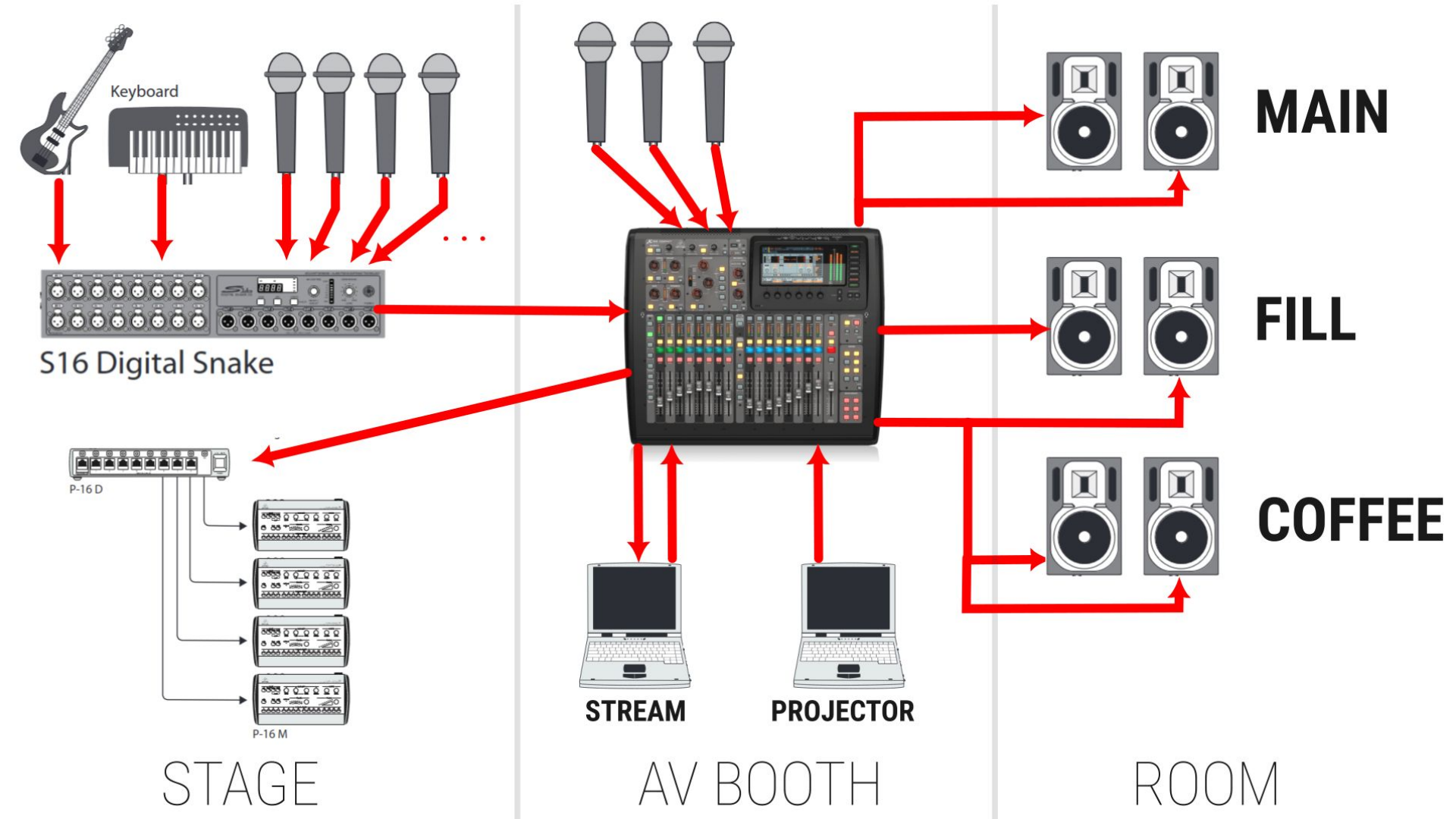
- Emergency backup
- Regular user
- Owner

- Video streaming

Goals

- Have a general overview, an imprint
- Check out the signal paths in the system
- Show things live
- Check out the console
- Everyone: hands ON!

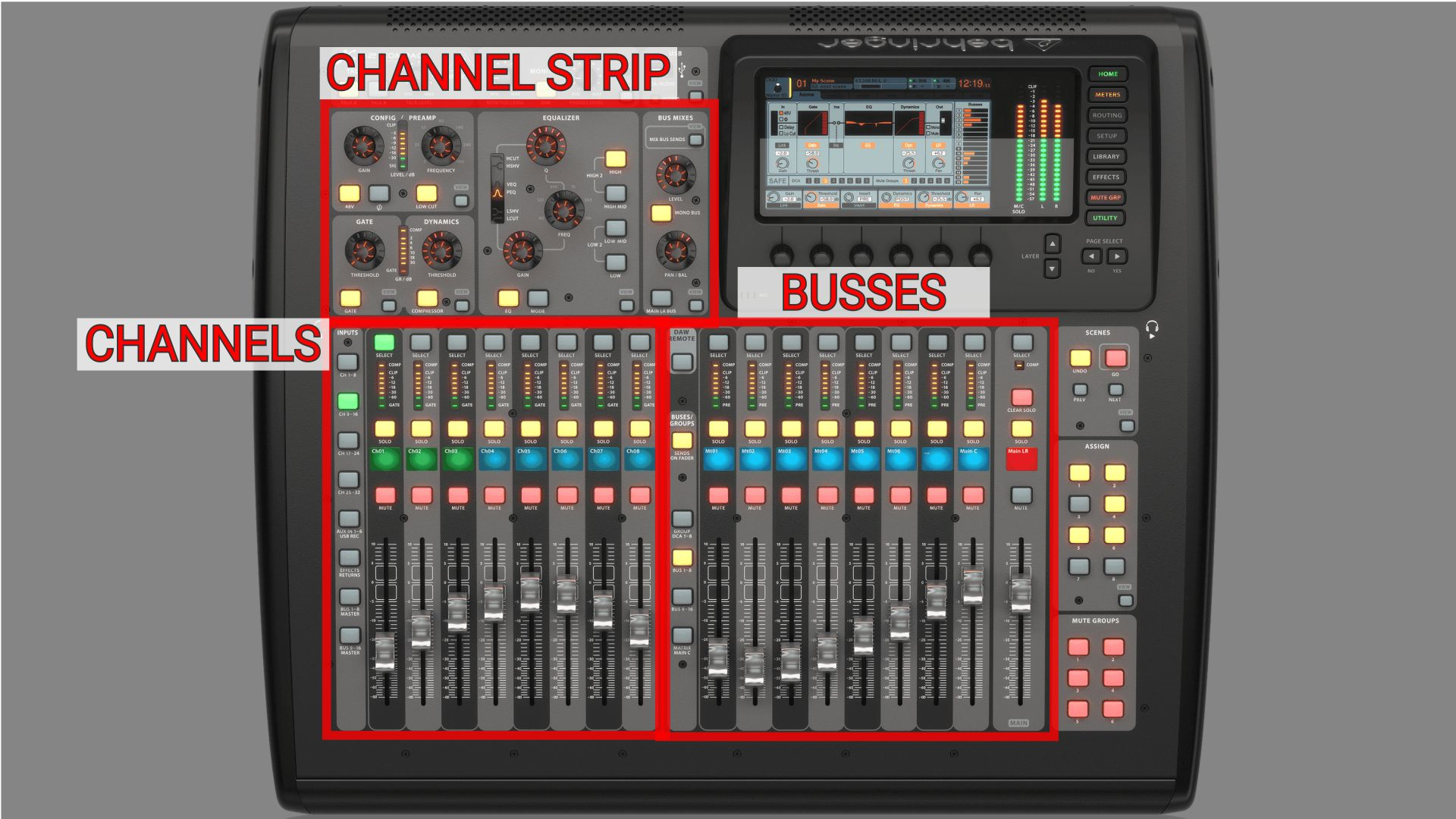
2664
2000
1500
1000
800
300
0
-19
m
Nicosia
Gazimagusa
Larnaca
Pafos
Lemesos
km
0
50


Keyboard
S16 Digital Snake
P-16 D
P-16 M
STREAM
PROJECTOR
MAIN
FILL
COFFEE
STAGE
AV BOOTH
ROOM

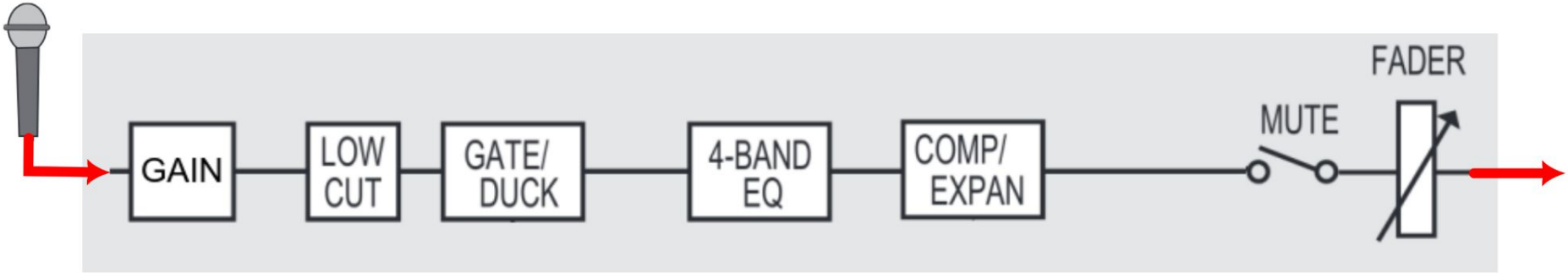
What does the mixing console do?

- Routing
- Flow control
- Flow modification
- ...

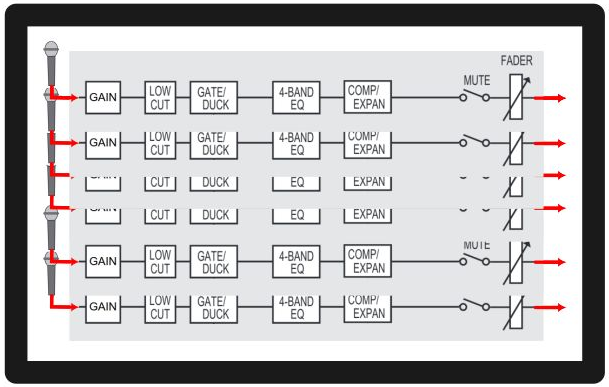
X32 COMPACT
behringer
TALKBACK
TALK A
TALK B
TALK LEVEL
MONITOR
MONITOR LEVEL
DIM
PHONES LEVEL
USB
DATA/AUDIO
ACCESS
CONFIG
PREAMP
GAIN
FREQUENCY
LEVEL / dB
48V
LOW CUT
EQUALIZER
HCUT
HSHV
VEQ
PEQ
LSHV
LCUT
Q
FREQ
GAIN
HIGH 2
HIGH
HIGH MID
LOW 2
LOW MID
LOW
EQ
MODE
BUS MIXES
MIX BUS SENDS
LEVEL
MONO BUS
PAN / BAL
MAIN LR BUS
GATE
THRESHOLD
GR / dB
DYNAMICS
COMPRESSOR
HOME
METERS
ROUTING
SETUP
LIBRARY
EFFECTS
MUTE GRP
UTILITY
LAYER
PAGE SELECT
NO
YES
MIC
INPUTS
CH 1–8
CH 9–16
CH 17–24
CH 25–32
AUX IN 1–6 USB REC
EFFECTS RETURNS
BUS 1–8 MASTER
BUS 9–16 MASTER
DAW REMOTE
BUSES / GROUPS
SENDS ON FADER
GROUP DCA 1–8
BUS 1–8
BUS 9–16
MATRIX MAIN C
SELECT
SOLO
MUTE
Ch01
Ch02
Ch03
Ch04
Ch05
Ch06
Ch07
Ch08
Mt01
Mt02
Mt03
Mt04
Mt05
Mt06
Main C
Main LR
CLEAR SOLO
MAIN
SCENES
UNDO
GO
PREV
NEXT
ASSIGN
MUTE GROUPS


CHANNEL STRIP
CHANNELS
BUSSES
CONFIG / PREAMP
EQUALIZER
BUS MIXES
GATE
DYNAMICS
INPUTS
DAW REMOTE
BUSES/ GROUPS
SCENES
ASSIGN
MUTE GROUPS
HOME
METERS
ROUTING
SETUP
LIBRARY
EFFECTS
MUTE GRP
UTILITY
PAGE SELECT
LAYER

CHANNEL STRIP



CHANNELS (32!)



BUSSES (16)

Mix1

Mix2

• • •

Mix16

LIVE STREAM

LR (MAIN)

Matrix

Main L

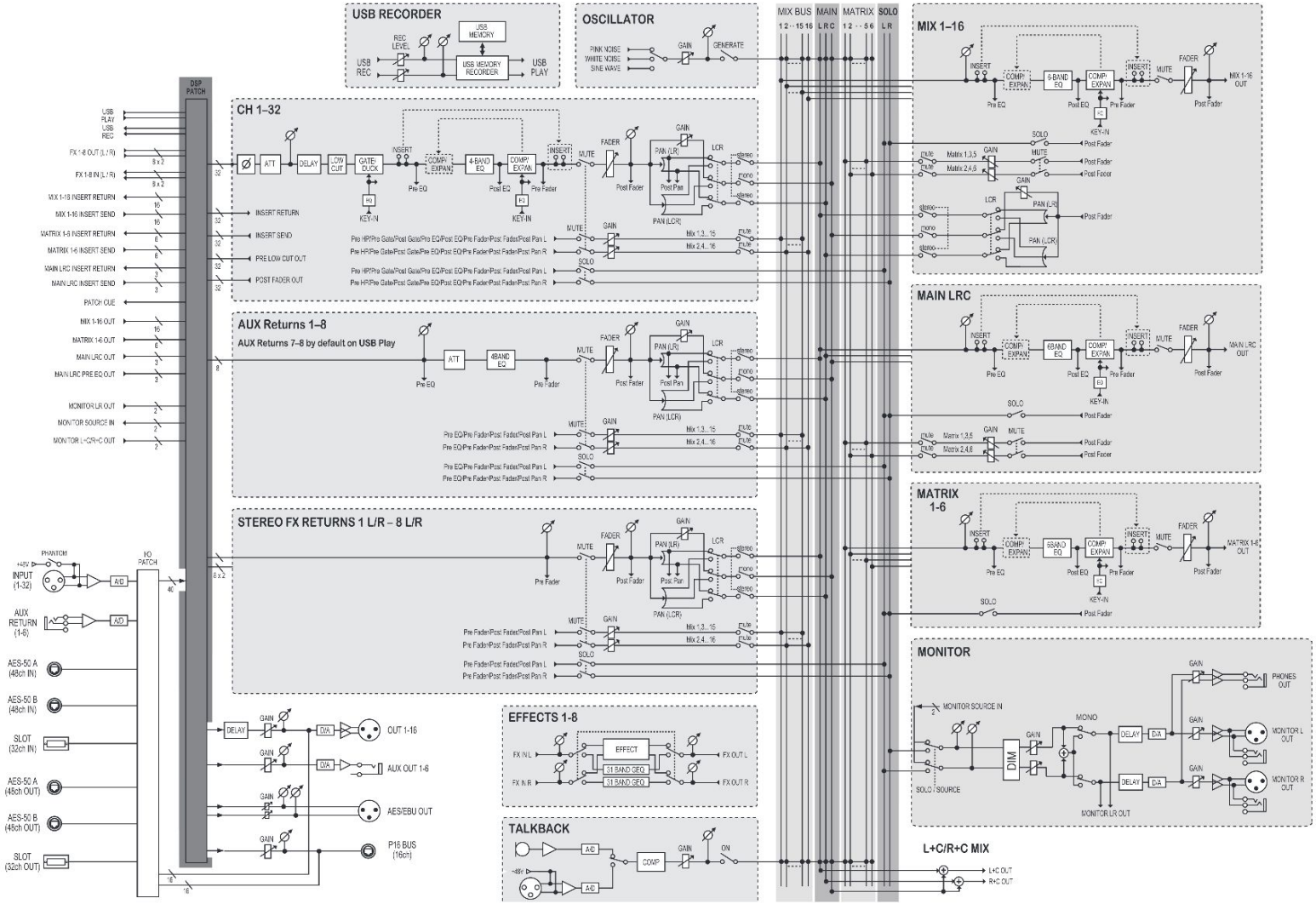
Main R

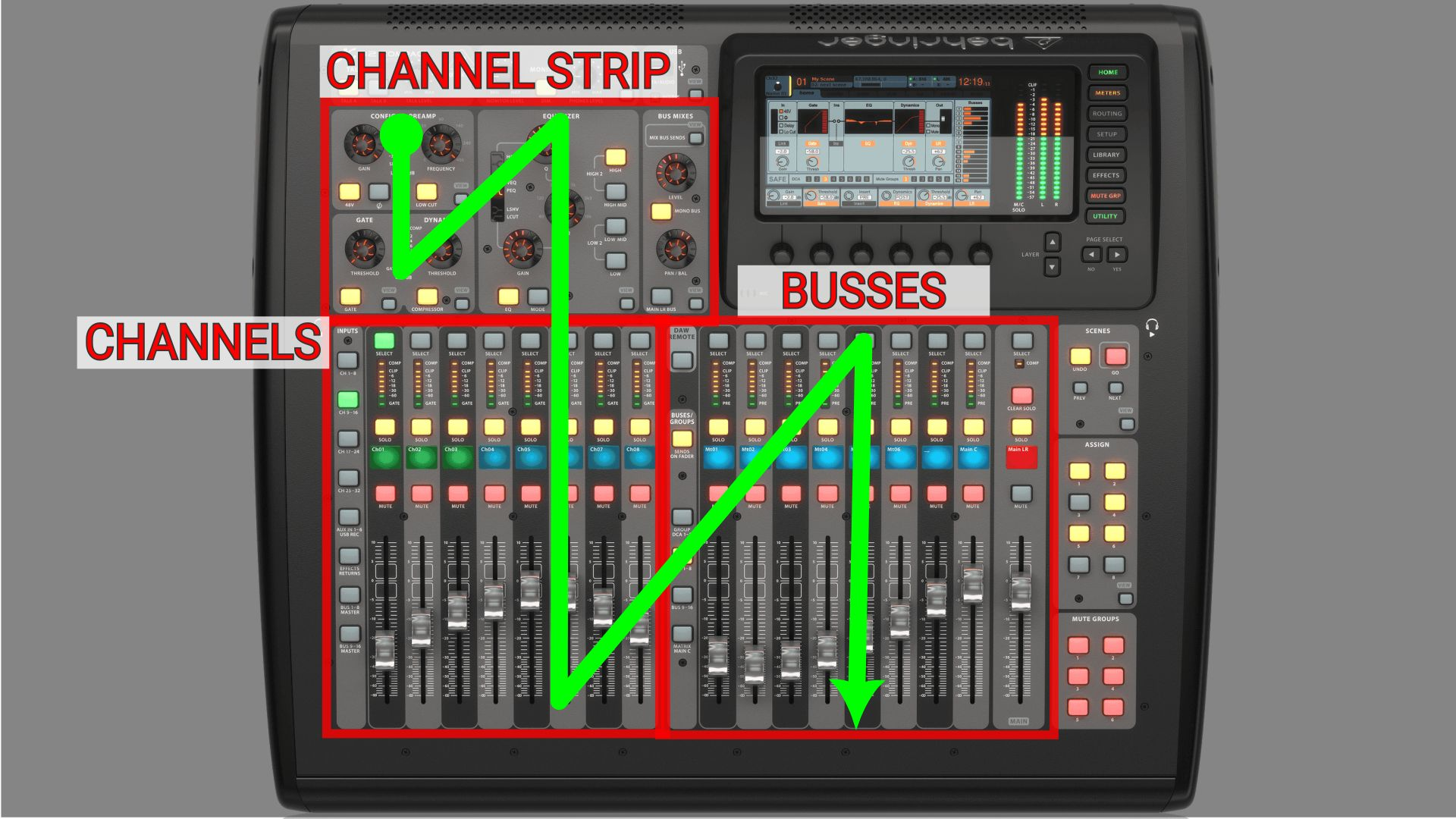
Fill L

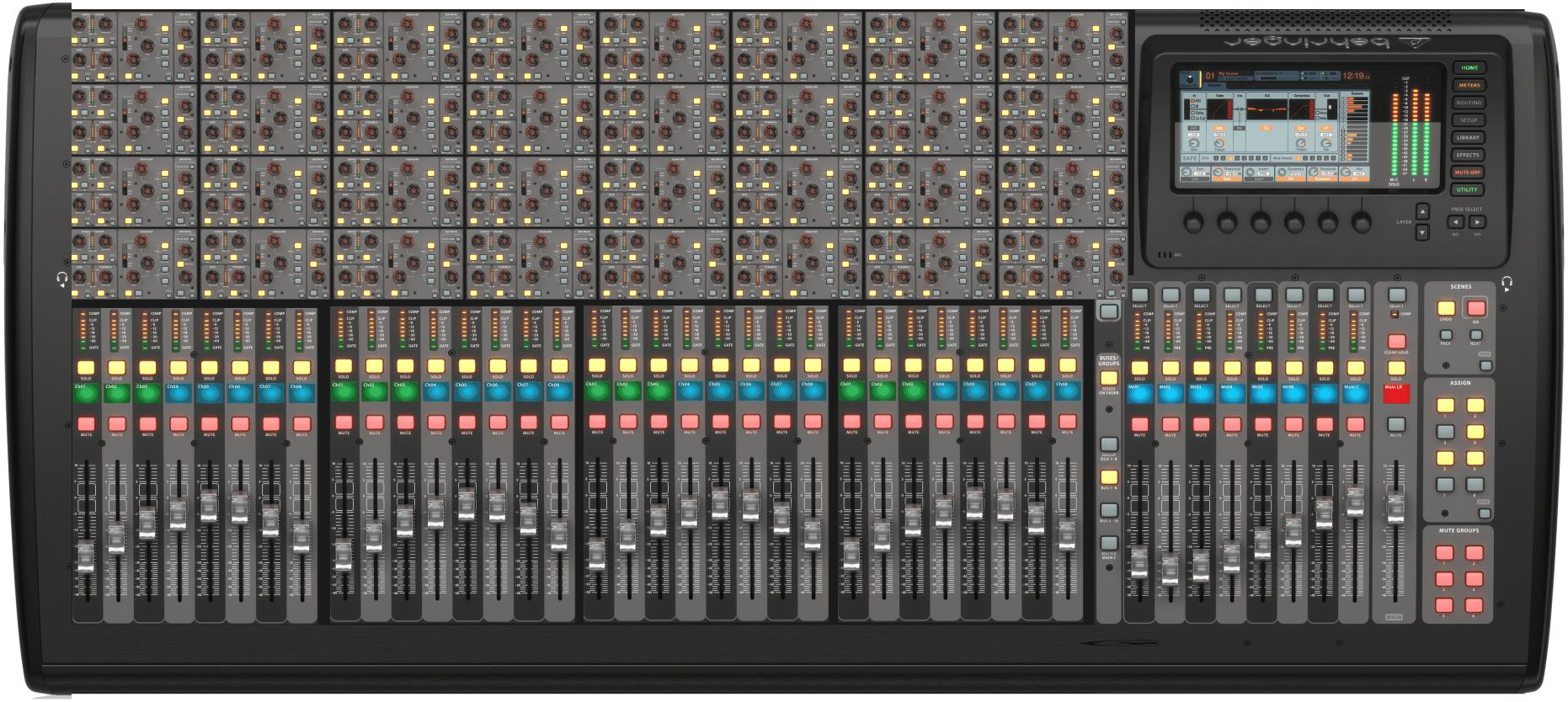
Fill R

Coffeshop

Outside

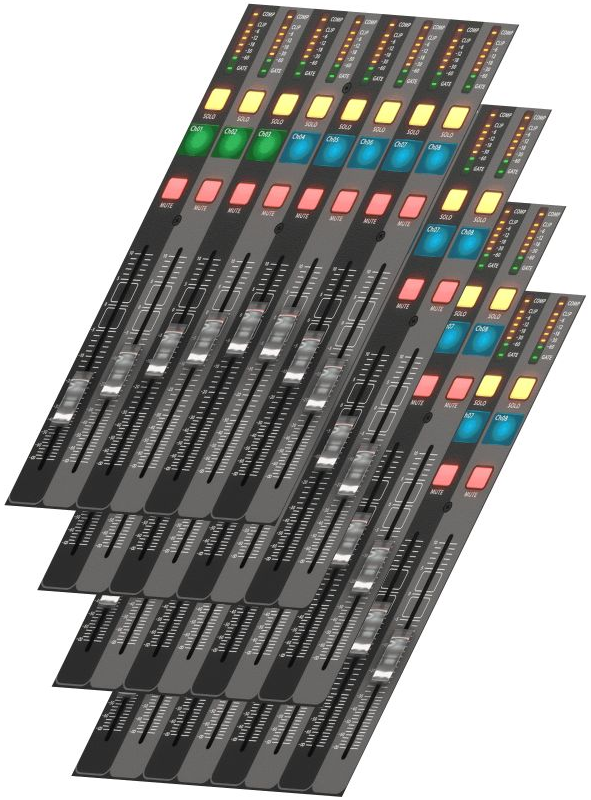

USB RECORDER
REC LEVEL
USB REC
USB MEMORY
USB MEMORY RECORDER
USB PLAY
OSCILLATOR
PINK NOISE
WHITE NOISE
SINE WAVE
GAIN
GENERATE
MIX BUS 1 2 · · 15 16
MAIN L R C
MATRIX 1 2 · · 5 6
SOLO L R
MIX 1–16
MAIN LRC
MATRIX 1-6
MONITOR
DSP PATCH
USB PLAY
USB REC
FX 1-8 OUT (L / R)
FX 1-8 IN (L / R)
MIX 1-16 INSERT RETURN
MIX 1-16 INSERT SEND
MATRIX 1-6 INSERT RETURN
MATRIX 1-6 INSERT SEND
MAIN LRC INSERT RETURN
MAIN LRC INSERT SEND
PATCH CUE
MIX 1-16 OUT
MATRIX 1-6 OUT
MAIN LRC OUT
MAIN LRC PRE EQ OUT
MONITOR L/R OUT
MONITOR SOURCE IN
MONITOR L+C/R+C OUT
CH 1–32
ATT
DELAY
LOW CUT
GATE/ DUCK
INSERT
COMP/ EXPAN
4-BAND EQ
MUTE
FADER
PAN (LR)
PAN (LCR)
KEY-IN
INSERT RETURN
INSERT SEND
PRE LOW CUT OUT
POST FADER OUT
AUX Returns 1–8
AUX Returns 7–8 by default on USB Play
STEREO FX RETURNS 1 L/R – 8 L/R
EFFECTS 1-8
EFFECT
31 BAND GEQ
FX IN L
FX IN R
FX OUT L
FX OUT R
TALKBACK
COMP
ON
+48V
L+C/R+C MIX
L+C OUT
R+C OUT
I/O PATCH
P+/PHTOM
INPUT (1-32)
AUX RETURN (1-8)
AES-50 A (48ch IN)
AES-50 B (48ch IN)
SLOT (32ch IN)
AES-50 A (48ch OUT)
AES-50 B (48ch OUT)
SLOT (32ch OUT)
A/D
D/A
OUT 1-16
AUX OUT 1-6
AES/EBU OUT
P16 BUS (16ch)
MONITOR SOURCE IN
MONO
DIM
SOLO SOURCE
PHONES OUT
MONITOR L OUT
MONITOR R OUT
MONITOR L/R OUT


CHANNEL STRIP
CHANNELS
BUSSES


behringer
HOME
METERS
ROUTING
SETUP
LIBRARY
EFFECTS
MUTE GRP
UTILITY
SCENES
ASSIGN
MUTE GROUPS
BUSES/ GROUPS

behringer
SUB 1
SUB 2
SUB 3
SUB 4
MONO
MAIN

SELECT
SELECT
SELECT
SELECT
SELECT
SELECT
SELECT
SELECT
COMP
CLIP
-6
-12
-18
-30
-60
GATE



Speaker
Vocals
Instruments
Drums

Channel strip LIVE demo

DCA Live demo

Setup for rehearsal

- Gain staging
- Main fader on 0
- Set levels
- Use groups