

# Q8FX

## COMPACT 8 CHANNEL MIXER

### FEATURES

- 8 Channels
- 4 Mic Inputs
- 2 Compressors
- 3 Stereo Inputs
- 3 Band EQ on all Channels
- 1 Aux with Stereo Return
- 16 Program DSP with Parameter Adjustment
- Pan on each Channel
- USB audio In/Out
- Stereo RCA In/Out
- Stereo Monitor Out
- Stereo Balanced XLR Main Out
- Comprehensive Monitoring
- Global Phantom Power
- Solid Construction
- Internal Universal ~100-240V Power Supply for worldwide operation



### APPLICATIONS

#### LIVE PERFORMANCE

- Small to medium venues
- Pubs
- Bars
- Cafes
- Rehearsal spaces

#### RECORDING

- Music production
- Podcasting
- Voice over recording

#### SPEECH

- Houses of worship
- Educational spaces
- Conference spaces
- Auditoriums

### DESCRIPTION

The Q8FX is an 8-channel analogue mixing console designed and engineered in the UK. The Q8FX houses 4 microphone inputs that utilise low-noise microphone preamps as well as a line input option and mono insert on channels 1 and 2. The Q8FX also features 3 stereo line input channels perfect for electric pianos, synthesizers, drum machines, stereo audio from an external media player, or any other line-level sources.

Channels 1 and 2 feature an easy-to-use single-knob compressor giving you control over the dynamic range of your input sources. A low cut at 75 Hz plus a 3-band EQ on each channel allows you to shape the tone of individual sound sources helping you to create a beautifully balanced mix. 16 high-quality DSP effects offer even more options for your audio productions with multiple reverbs, delays, and echoes to choose from. 2in/2out USB functionality makes the Q8FX the perfect tool for recording performances, podcasts, and music production.

All of this combined with comprehensive monitoring, an auxiliary send with a stereo return, RCA in and out, global phantom power, pan on each channel, and an 8-point LED meter for your main mix all housed in a robust chassis make the Q8FX a complete portable powerhouse for traveling musicians and engineers alike.



SPECIFICATIONS		Q8FX
Inputs		
<b>Mic Inputs</b>		4x XLR CH1-6
Mic EIN		Mono Mic E.I.N. (max gain): <-126dBu (150Ω), Stereo Mic Input E.I.N. (max gain): <-124dBu (150Ω)
Input impedance		1.2kΩ
Maximum input level		+8dBu in @ min gain (+3.5dBu for stereo mic lines)
Adjustable gain		+5dB to +45dB
CMRR		75dB
SNR		110dB
THD+N%		~0.002%
Crosstalk		-70dB
Phantom power		Global switch, +48V
<b>Line Inputs (Mono)</b>		2x 1/4" 6.3mm TRS CH1-2
Input impedance		10kΩ
Maximum input level		+27dBu in @ min gain
Adjustable gain		-15dB to +30dB
CMRR		53dB
SNR		108dB
THD+N%		~0.002%
Crosstalk		-70dB
<b>Line Inputs with mic (Stereo)</b>		2x stereo 1/4" 6.3mm TRS CH3-6
Input impedance		21.5kΩ
Maximum input level		+27dBu
Gain		-15dB to +30dB
CMRR		90dB
SNR		109dB
THD+N%		~0.002%
Crosstalk		-100dB @ 1kHz
<b>Line Inputs (Stereo)</b>		1x stereo 1/4" 6.3mm TRS CH7/8
Input impedance		21.5kΩ
Maximum input level		+13dBu
Gain		+6dB
CMRR		70dB
SNR		111dB
THD+N%		~0.007%
Crosstalk		-90dB
<b>General</b>		
EQ		3 band (±15dB), Low 100Hz, Mid 2.5kHz, High 12kHz per channel
Low cut		75Hz cut off @ 18dB/octave (CH1-6)
Compressor		2:1 ratio, 9dB makeup gain, -8dBu input threshold (max compression, CH1-2)
Pan		per channel L/R, (0 ~ mute)
Level controls		Channel level with peak indicator, FX/Aux return, USB/RCA in (rotary pots)
Additional inputs		USB audio, stereo FX/Aux return, stereo RCA in
Outputs		
<b>Main Outputs</b>		Balanced stereo XLRs
Max output		+24dBu
Output impedance		150Ω (balanced), 75Ω (unbalanced)
THD% (+8dBu output)		~0.001% @ 1kHz
Residual noise		16µV
Frequency response (20-20kHz)		±0.3dB
<b>Monitors</b>		Stereo 1/4" 6.3mm TRS sockets
Max output		+24dBu
THD% (+8dBu output)		~0.002%
Residual noise		25µV
Frequency response (20-20kHz)		±0.3dB



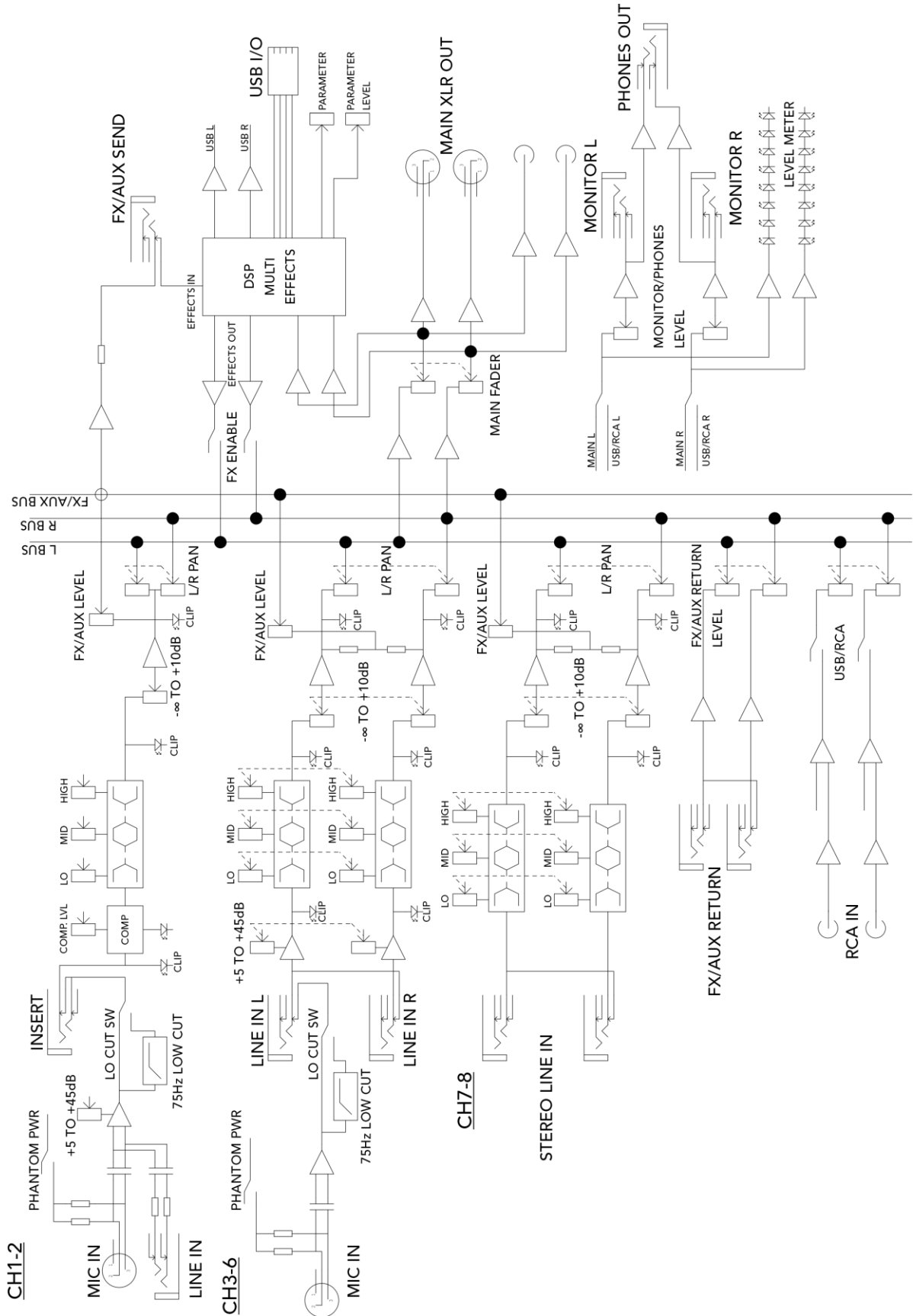


<b>FX/Aux Send</b>	<i>Mono 1/4" 6.3mm TRS</i>
Max output	<i>+18dBu</i>
THD% (+8dBu output)	<i>~0.0015%</i>
Residual noise	<i>12uV</i>
Frequency response (20-20kHz)	<i>±0.3dB</i>
<b>Phones</b>	<i>Mono 1/4" 6.3mm TRS</i>
Max output	<i>+24dBu</i>
THD% (+8dBu output)	<i>~0.003%</i>
Residual noise	<i>300uV</i>
Frequency response (20-20kHz)	<i>±0.15dB</i>
<b>RCA Out</b>	<i>Stereo phono sockets</i>
Max output	<i>+24dBu</i>
THD% (+8dBu output)	<i>~0.001%</i>
Residual noise	<i>17uV</i>
Frequency response (20-20kHz)	<i>±0.3dB</i>
<b>General</b>	
DSP FX	<i>16 reverb and delay effects with enable switch and parameter control</i>
Level controls	<i>Master fader (-∞ to +10dB), monitor/phones (rotary pot)</i>
USB Audio	<i>Inputs/Outputs: 2-in, 2-out, 16-bit, 24-bit, Sampling rate: 48kHz</i>
AC Power	<i>Universal 100-240V~ 50/60Hz (IEC C14 Socket, AC Cord included)</i>
Power Consumption	<i>20W</i>
<b>Dimensions</b>	
Product Dimensions (HWD)	<i>96 x 261.5 x 351mm (3.8" x 10.3" x 13.8")</i>
Product Weight	<i>3.5 Kg (7.7 lbs)</i>
Carton dimensions (HWD)	<i>175 x 335 x 425mm (6.9" x 13.2" x 16.7")</i>
Packed Weight	<i>5 Kg (11 lbs)</i>
Master Carton Quantity	<i>4 pcs</i>
Master Carton dimensions (HWD)	<i>395x 700 x 455mm (15.6" x 27.6" x 17.9")</i>
Master Carton Packed Weight	<i>22.6 Kg (49.8 lbs)</i>
Model EAN13	<i>5060109459005</i>
Master EAN	<i>5060109459012</i>

*In the interest of continued development, HH reserves the right to amend product specification without prior notification.*



BLOCK DIAGRAM

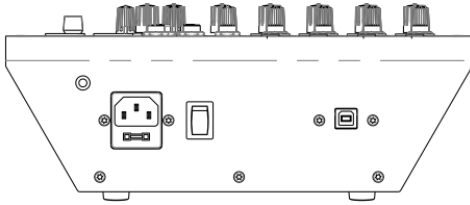




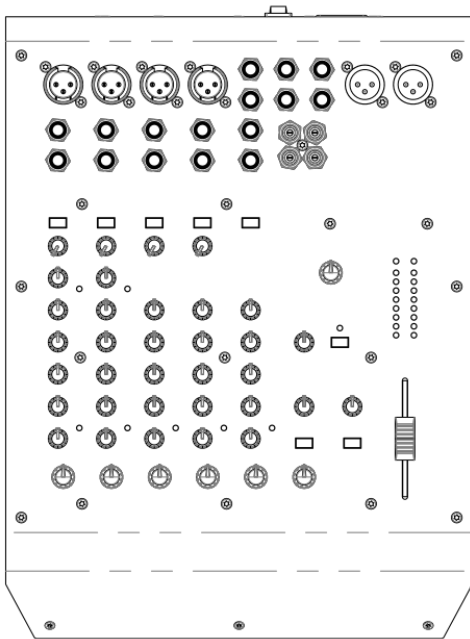
MIXING CONSOLE



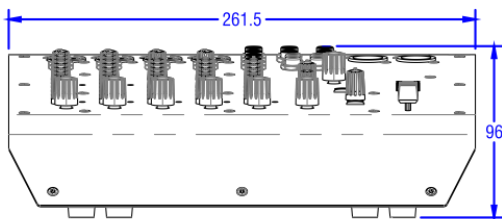
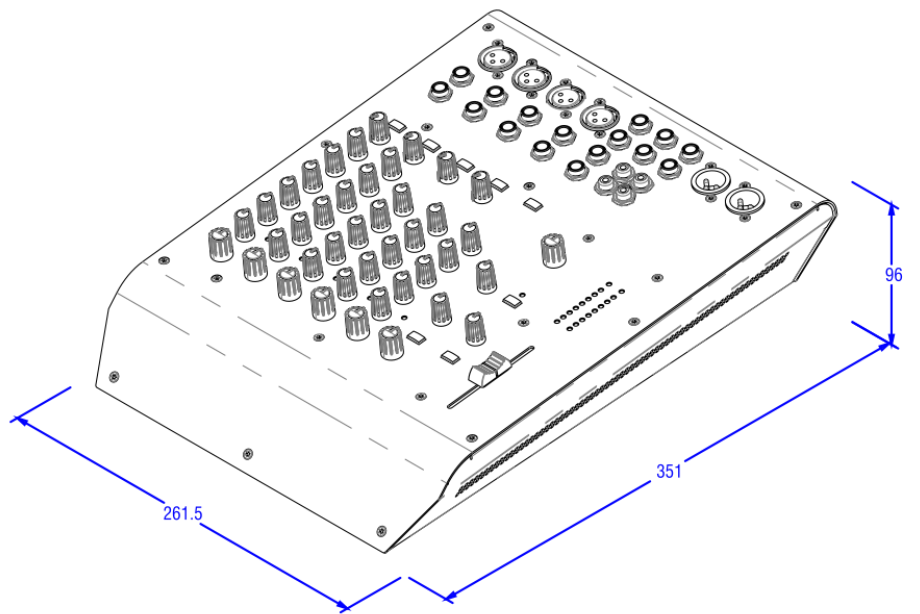
## DIMENSIONS (mm)



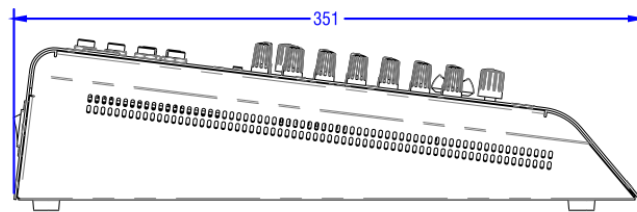
REAR



TOP



FRONT



LEFT

