

# Q6FX

## COMPACT 6 CHANNEL MIXER

### FEATURES

- 6 Channels
- 2 Mic Inputs
- 2 Stereo Inputs
- 3 Band EQ on all Channels
- 1 Aux with Stereo Return
- Pan on each Channel
- 16 Program DSP
- USB Audio In/Out
- Stereo RCA In
- 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 venues
- Pubs
- Bars
- Cafes
- Rehearsal spaces

#### RECORDING

- Music production
- Podcasting
- Voice over recording

#### SPEECH

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

### DESCRIPTION

The Q6FX is a compact 6-channel analogue mixing console designed and engineered in the UK. The Q6FX consists of 2 mono input channels with microphone inputs that utilise low-noise microphone preamps as well as a line input option on each channel. The mono input channels sit alongside 2 stereo line input channels perfect for electric pianos, synthesizers, drum machines, stereo audio from an external media player, or any other line-level sources.

Harnessing 4 banks of 3-band EQ and 16 high-quality DSP effects, the Q6FX gives you full control over your audio productions. 2in/2out USB functionality makes the Q6FX 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, global phantom power, pan on each channel, and a 4-point LED meter for your main mix all housed in a robust chassis make the Q6FX a complete portable powerhouse for traveling musicians and engineers alike.



SPECIFICATIONS		O6FX
Inputs		
<b>Mic Inputs</b>		2x XLR CH1-2
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
Adjustable gain		+5dB to +45dB
CMRR		75dB
SNR		111dB
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		60dB
SNR		109dB
THD+N%		~0.002%
Crosstalk		-70dB @ 1kHz
<b>Line Inputs (Stereo)</b>		2x Stereo 1/4" 6.3mm TRS CH3-6
Input impedance		21.5kΩ
Maximum input level		+13dBu
Gain		+6dB
CMRR		80dB
SNR		112dB
THD+N%		~0.007%
Crosstalk		-85dB
<b>General</b>		
EQ		3 band (±15dB), Low 100Hz, Mid 2.5kHz, High 12kHz per channel
Pan		per channel L/R, (0 ~ mute)
Level controls		Channel level with peak indicator, FX/Aux return (rotary pots)
Additional inputs		USB audio, FX/Aux return, stereo RCA in
Outputs		
<b>Main Outputs</b>		Balanced stereo XLRs
Max output		+24dBu
Output impedance		150Ω (balanced), 75Ω (unbalanced)
THD%		~0.001%
Residual noise		12.5uV
Frequency response		±0.3dB
<b>Monitors</b>		Stereo 1/4" 6.3mm TRS sockets
Max output		+24dBu
THD%		~0.0012%
Residual noise		9.5uV
Frequency response		±0.3dB
<b>FX/Aux Send</b>		Mono 1/4" 6.3mm TRS
Max output		+18dBu
THD%		~0.003%
Residual noise		12uV
Frequency response		±0.25dB
<b>Phones</b>		Mono 1/4" 6.3mm TRS
Max output		+24dBu
THD%		~0.004%
Residual noise		235uV
Frequency response		±0.7dB



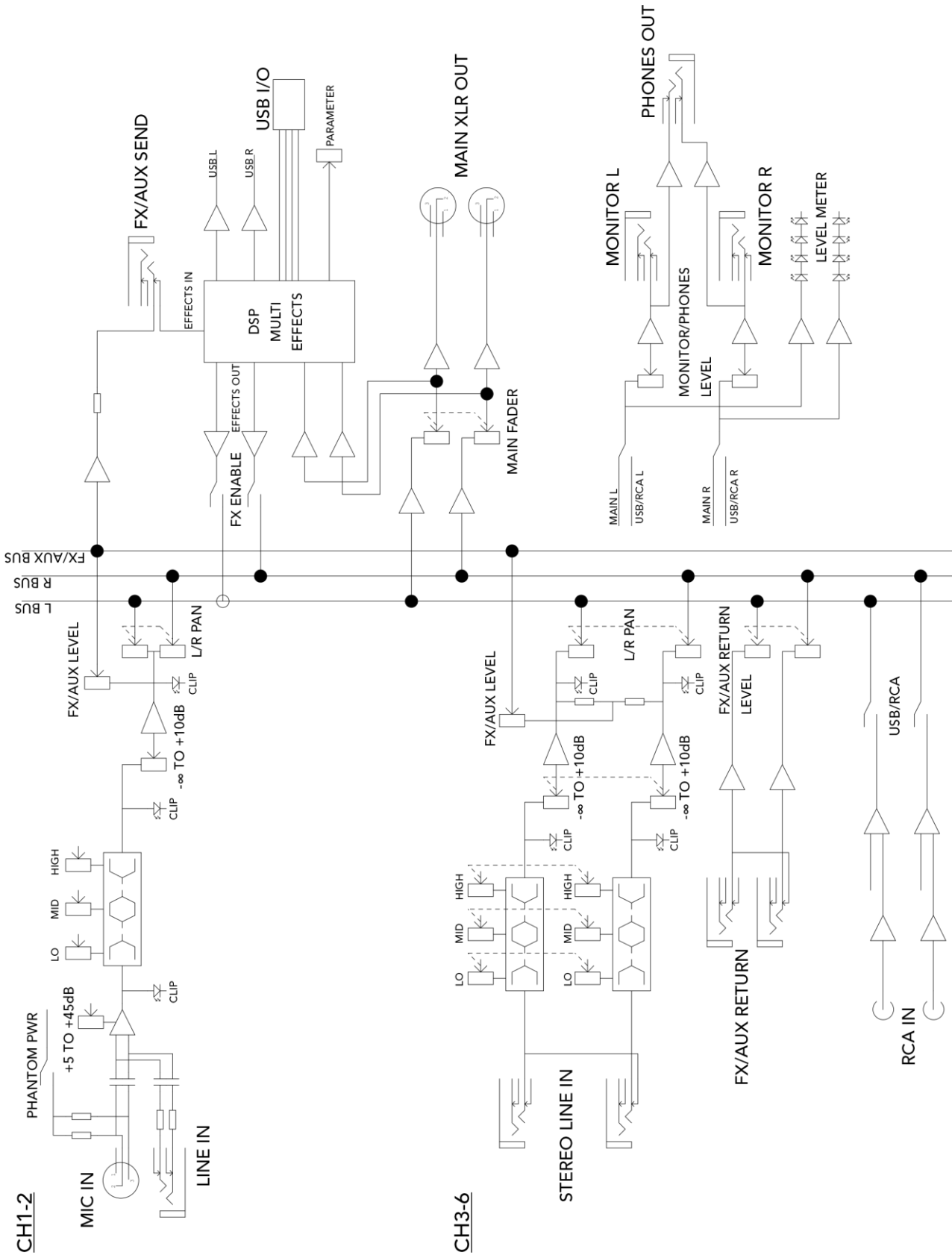


General	
DSP FX	16 reverb and delay effects with enable switch
Level controls	Master fader ( $-\infty$ to +10dB), monitor/phones (rotary pot)
USB Audio	Inputs/Outputs: 2-in, 2-out, 16-bit, 24-bit, Sampling rate: 48kHz
AC Power	Universal 100-240V~ 50/60Hz (IEC C14 Socket, AC Cord included)
Power Consumption	15W
Dimensions	
Product Dimensions (HWD)	93.5 x 208.5 x 316mm (3.7" x 8.2" x 12.4")
Product Weight	2.8 Kg (6.2 lbs)
Carton dimensions (HWD)	175 x 285 x 395mm (6.9" x 11.2" x 15.6")
Packed Weight	4 Kg (8.8 lbs)
Master Carton Quantity	4 pcs
Master Carton dimensions (HWD)	380 x 585 x 425mm (15" x 23" x 16.7")
Master Carton Packed Weight	18.2 Kg (40.1 lbs)
Model EAN13	5060109458985
Master EAN	5060109458992

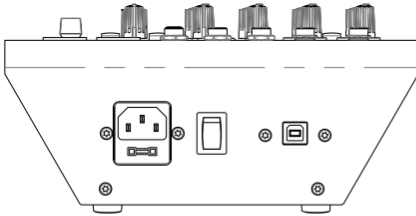
*In the interest of continued development, HH reserves the right to amend product specification without prior notification.*



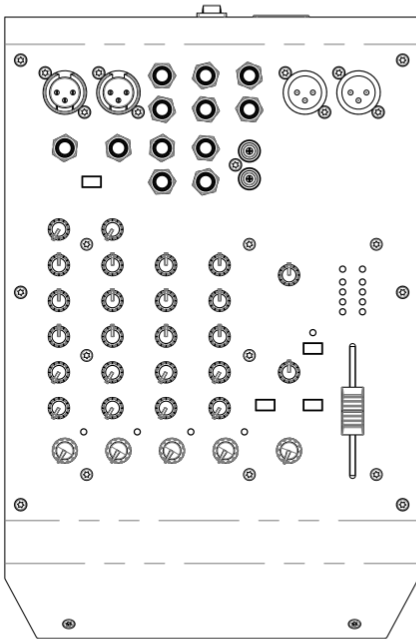
BLOCK DIAGRAM



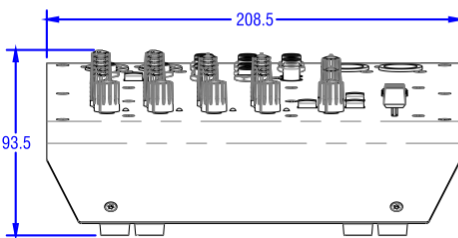
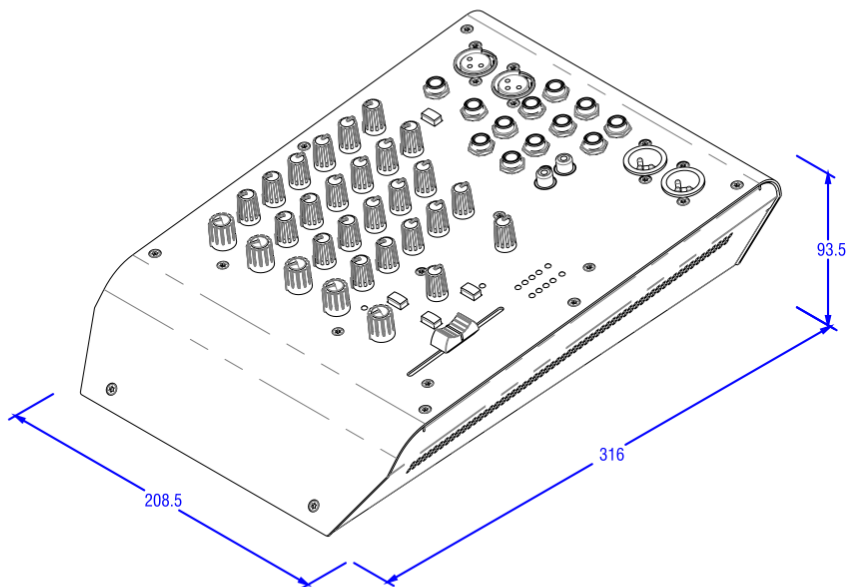
## DIMENSIONS (mm)



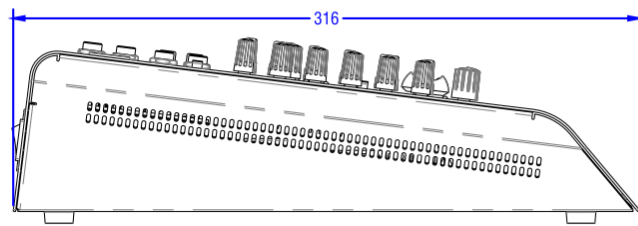
REAR



TOP



FRONT



LEFT

