

Soundcraft FX16ii Specs

Total # Of Inputs	16
Mic/Line Inputs	16 x 3-Pin XLR Female Mic Inputs (Balanced) 16 x 1/4" TRS Line Inputs (Balanced)
AUX Sends	3 x 1/4" TRS (Balanced)
AUX Returns	8 x 1/4" TRS (Four Stereo Pairs, Balanced)
Inserts	16 x 1/4" TRS Channel Inserts (Unbalanced, Tip = Send, Ring = Return) 2 x 1/4" TRS Sub Inserts (Unbalanced, Tip = Send, Ring = Return) 2 x 1/4" TRS Mix Inserts (Unbalanced, Tip = Send, Ring = Return)
Channel Direct Out	16 x 1/4" TRS (Balanced)
2 Trk Master I/O	2 x 3-Pin XLR Male Mix Outputs (One Stereo Pair, Balanced) 1 x 1/4" TRS Mono Mix Output (Balanced) 2 x RCA Coaxial 2-TRK Return (One Stereo Pair, Unbalanced)
Subgroup Outputs	2 x 1/4" TRS (One Stereo Pair, Balanced)

Monitor Outputs	2 x 1/4" TRS Monitor Outputs (One Stereo Pair, Balanced) 1 x 1/4" TRS Stereo Headphone Output (Unbalanced)
Footswitch Input	1 x 1/4" TS
EQ Section	High Frequency: ± 15 dB at 12 kHz Mid Frequency: ± 15 dB at 150 Hz to 3.5 kHz (Sweepable) Low Frequency: ± 15 dB at 80 Hz Q: 1.5
High-Pass Filter	18 dB/Octave at 100 Hz
Solo/Mute	Per-Channel Mute and Solo AFL Solo per Aux Master Selectable Solo Mode: PFL or Solo-in-Place
Channel Level Control	100 mm Fader
Trim/Gain Control	Rotary Control
Gain Range	Channel Gain: 0 to 60 dB Faders: $-\infty$ to +10 dB
Phantom Power	+48 VDC (Selectable per Banks of Channels 1-8 and 9-16)
Metering	Dual 10-Segment LEDs
Effect Processor	24-Bit Lexicon AudioDNA Processor

Maximum Input Levels	Mic Input: +15 dBu Line Input: +30 dBu Stereo Input: +30 dBu
Maximum Output Levels	Mix Output: +20 dBu Headphones at 150 Ohms: 300 mW
Input Impedance	Mic Input: 2 kOhms Line Input: 10 kOhms Stereo Input: 65 kOhms (Stereo), 35 kOhms (Mono)
Output Impedance	Balanced: 150 Ohms Unbalanced: 75 Ohms
Frequency Response	Mic/Line Input to Any Output: 20 Hz to 20 kHz (± 1 dB)
Noise	Mic Input EIN: -127 dBu with 150-Ohm Source (Maximum Gain) Aux, Mix, and Masters at 0 dB with Faders Down: < -84 dBu
Total Harmonic Distortion (THD)	<0.09% at 1 kHz (Mic Sensitivity -30 dBu, +14 dBu at Mix Output)
Crosstalk @ 1 kHz	Channel Mute: >96 dB Fader Cutoff (Relative +10 Mark): >96 dB Aux Send Pots Offness: >86 dB
Temperature Range	41 to 104°F / 5 to 40°C
Power Consumption	<40 W

Power Requirements	100 to 240 VAC, 50/60 Hz
Dimensions (W x H x D)	17.5 x 6.2 x 17.4" / 44.3 x 15.7 x 44.2 cm (Excluding Rack Rails, Including Feet)
Weight	Not Specified by Manufacturer