



FX16ii K2

THE PROFESSIONAL'S CHOICE FOR MORE THAN 10 YEARS, NOW THE FX16 GETS STUNNING 24-BIT LEXICON EFFECTS.

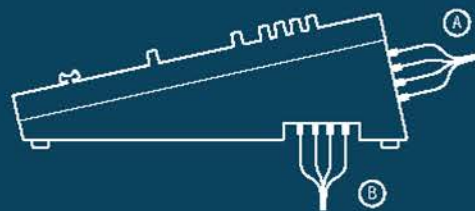
Great sound quality, professional build quality, flexible 4-bus architecture and a space-saving sixteen mic inputs and direct outputs in a rack-mounting frame made the original Soundcraft FX16 popular in both live and recording applications. Now the pro's choice gets even better with a new 24-bit Lexicon on-board effects section and universal internal power supply (see right).

A comprehensive feature set includes 16 mic/line inputs and 26 inputs to mix in total (including stereo returns and tape return to mix). In addition to the mix outputs, 2 buses allow groups of instruments to be sent to additional speakers, or sub-grouped to mix. 16 Direct Outputs are individually switchable pre or

post fader, making them equally useful for multitrack recording or live use. Both Solo In Place and PFL solo are available, for studio monitoring and channel gain set-up applications respectively.

All 16 mic/line inputs are equipped with high quality UltraMic™ preamps while a 'truly British' 3-band EQ with swept mid benefits from custom designed pots which give greater control across carefully chosen frequencies. There are 4 Auxiliary Sends, including a dedicated effects send, 1 pre-fade send and 2 pre/post-fader selectable sends which are equally useful as extra foldback sends or as effects sends in studio mixdown situations. In addition, there are 4 Stereo returns, a separate Mono Sum Output and 2 Subgroup Outputs.

A truly professional feature set is completed by 100mm faders for precision mixing control, and the FX16ii fits all of these features into a rugged, compact frame which can be optionally rack-mounted into a 10U space. Cables can be conveniently located behind the rack by simply rotating the connector pod.



A - Connector pod positioned for desktop use.
B - Connector pod rotated for rack-mounting.

DIMENSIONS & WEIGHTS

FX16ii K2



	Width	Height	Depth	Weight
FX16ii K2	442mm (17.4")	148mm (5.8")	442mm (17.4")	8.5 kg (19.0 lbs)
FX16ii K2 with rack ears (10U)	481mm (19")	148mm (5.8")	442mm (17.4")	8.5 kg (19.0 lbs)

EPM K2



	Width	Height	Depth	Weight
EPM6 K2	280mm (11.0")	91mm (3.6")	362mm (14.3")	4.0 kg (8.8 lbs)
EPM8 K2	330mm (13.0")	91mm (3.6")	362mm (14.3")	4.6 kg (10.1 lbs)
EPM12 K2	432mm (17.0")	91mm (3.6")	362mm (14.3")	5.8 kg (12.8 lbs)

EFX



	Width	Height	Depth	Weight
EFX8	330mm (13.0")	91mm (3.6")	362mm (14.3")	4.6 kg (10.1 lbs)
EFX12	432mm (17.0")	91mm (3.6")	362mm (14.3")	5.8 kg (12.8 lbs)

MPMi



	Width	Height	Depth	Weight
MPMi12/2	482mm (19.0")	94mm (3.7")	405mm (16.0")	6.7 kg (14.8 lbs)
MPMi20/2	688mm (27.0")	94mm (3.7")	405mm (16.0")	9.3 kg (20.4 lbs)

MPXi



	Width	Height	Depth	Weight
MPXi8/2	383mm (15")	94mm (3.7")	405mm (16.0")	4.0 kg (8.8 lbs)
MPXi12/2	482mm (19.0")	94mm (3.7")	405mm (16.0")	6.7 kg (14.8 lbs)
MPXi20/2	688mm (27.0")	94mm (3.7")	405mm (16.0")	9.3 kg (20.4 lbs)

SPECIFICATIONS

FX16ii K2 TYPICAL SPECIFICATIONS

Frequency Response	Mic/Line Input to any Output.....	+/-1dB, 20Hz - 20kHz
T.H.D.	Mic Sensitivity -30dBu, +14dBu @ Mix output.....	< 0.09% @ 1kHz
Noise	Mic Input E.I.N. (maximum gain)..... Aux, Mix and Masters (@ 0dB, faders down).....	-127dBu (150Ω source) < -84dBu
Crosstalk (@ 1kHz)	Channel Mute..... Aux Send Pots Offness.....	> 96dB > 86dB
EQ (Mono inputs)	HF..... MF (swept)..... LF..... Q.....	12kHz, +/-15dB 150Hz - 3.5kHz, +/-15dB 80Hz, +/-15dB 1.5
Power Consumption	Less than 40W
Operating Conditions	Temperature Range.....	5°C to +40°C
Input & Output Levels	Mic Input..... Line Input..... Stereo Input..... Mix Output..... Headphones (@150Ω).....	+15dBu max. +30dBu max. +30dBu max. +20dBu max. 300mW
Input & Output Impedances	Mic Input..... Line Input..... Stereo Input..... Outputs.....	2kΩ 10kΩ 65kΩ (stereo), 35kΩ (mono) 150Ω (balanced), 75Ω (unbalanced)

MPMi/MFxi TYPICAL SPECIFICATIONS

Frequency Response	Mic/Line Input to any Output.....	+/-1.5dB, 20Hz - 20kHz
T.H.D.	Mic Sensitivity -30dBu, +14dBu @ Mix output.....	< 0.01% @ 1kHz
Noise	Mic Input E.I.N. (maximum gain)..... Aux, Mix and Masters (@ 0dB, faders down).....	-126.5dBu (150Ω source) < -82dBu
Crosstalk (@ 1kHz)	Channel Mute..... Aux Send Pots Offness.....	> 90dB > 82dB
EQ (Mono inputs)	HF..... MF (swept)..... LF..... Q.....	12kHz, +/-15dB 150Hz - 3.5kHz, +/-15dB 80Hz, +/-15dB 1.5
EQ (Stereo inputs)	HF..... MF..... LF..... Q (MF).....	12kHz, +/-15dB 720Hz, +/-15dB 80Hz, +/-15dB 0.8
Power Consumption	Less than 40W
Operating Conditions	Temperature Range.....	5°C to +40°C
Input & Output Levels	Mic Input..... Line Input..... Stereo Input..... Mix Output..... Headphones (@150Ω)..... Recommended headphones impedance.....	+15dBu max. +30dBu max. +30dBu max. +20dBu max. 300mW 32 - 200Ω
Input & Output Impedances	Mic Input..... Line Input..... Stereo Input..... Outputs.....	2kΩ 10kΩ 45kΩ 150Ω (balanced), 75Ω (unbalanced)

EPM K2/EFX TYPICAL SPECIFICATIONS

Frequency Response	Mic / Line Input to any Output.....	+/-1.5dB, 20Hz - 20kHz
T.H.D.	Mic Sensitivity -30dBu, +14dBu @ Mix output.....	< 0.02% @ 1kHz
Noise	Mic Input E.I.N. (maximum gain)..... Aux, Mix and Masters (@ 0dB, faders down).....	-127dBu (150Ω source) < -85dBu
Crosstalk (@ 1kHz)	Channel Mute..... Aux Send Pots Offness.....	> 96dB > 86dB
EQ (Mono inputs)	HF..... MF (swept)..... LF..... Q.....	12kHz, +/-15dB 150Hz - 3.5kHz, +/-15dB 80Hz, +/-15dB 1.5
EQ (Stereo inputs)	HF..... MF (EFX Only)..... LF..... Q (MF).....	12kHz, +/-15dB 720Hz, +/-15dB 80Hz, +/-15dB 0.8
Power Consumption	Less than 35W
Operating Conditions	Temperature Range.....	5°C to +40°C
Input & Output Levels	Mic Input..... Line Input..... Stereo Input..... Mix Output..... Headphones (@150Ω).....	+15dBu max. +30dBu max. +30dBu max. +20dBu max. 300mW
Input & Output Impedances	Mic Input..... Line Input..... Stereo Input..... Outputs.....	2kΩ 10kΩ 65kΩ (stereo), 35kΩ (mono) 150Ω (balanced), 75Ω (unbalanced)