



SOUNDCRAFT SOUND QUALITY, PERFORMANCE AND VALUE FOR MONEY IN A VERSATILE RANGE OF MULTI PURPOSE MIXERS – AVAILABLE WITH AND WITHOUT EFFECTS.

EFX/EPM K2 mixers bring Soundcraft sound quality, performance and value-for-money to a wide range of applications including recording, live sound, install and broadcast.

Available in 8 and 12 mono input channel configurations, the EFX mixers feature built-in Lexicon 24-bit processing, providing access to 32 world class reverb, delay and chorus effects (see previous page). For users preferring to use external processing, three EPM mixers – (6, 8 and 12 mono inputs – replace the EFX's internal FX send with a second Aux send. All EFX/EPM mixers feature 2 stereo channels as standard.

Configured for desktop use with all audio connectors conveniently located on the top panel, EFX/EPM mixers can be easily converted for rack-mounting using an optional rack kit, with each mixer occupying just 8U of standard rack space.

EFX/EPM mixers feature professional +48V phantom power for condenser microphones and use the same GB30 microphone preamps used on Soundcraft's acclaimed, large format GB Series consoles to achieve exceptional clarity, low-noise and controlled overload characteristics.

Drawing on more than 30 years of experience manufacturing professional mixing consoles, Soundcraft has equipped the EFX/EPMs with all the appropriate features for modern mixing applications, at the same time creating an uncluttered and intuitive control surface that enhances the operator experience.

Visual feedback is further enhanced by peak LEDs on all input channels which are fed from multiple points in the signal path to ensure that nothing is overlooked. The LEDs illuminate in proportion to the signal level when approaching peaks, enabling the

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)