



F 16XR

16-CHANNEL MIXING CONSOLE WITH MULTI-FX & RECORDING



Description

RCF's next generation F Series mixers builds on the rich analog legacy found in the professional E Series, featuring high quality sound in five formats from 6 to 24 channels. A powerful tool for the musician and the sound enthusiast, entirely conceived and designed by the RCF R&D team. Housed in a sturdy metal chassis, each mixer features a full balanced audio path from input to output and the unique PRO DSP FX: 16 professional effects such as Reverbs (Halls, Rooms, Plates, Spring), Delays (Mono, Stereo and Multitap), Chorus, Flangers and Echoes. The models F-10XR, F-12XR, F-16XR and F-24XR, include an USB audio interface, for stereo recording on computer-based DAW and 2-channel playback.

Features

- › 10 Mic preamp inputs, 4 mono line inputs
- › 4 Stereo line inputs
- › PRO DSP FX onboard with 16 presets
- › Stereo recording and playback via USB port
- › 6 single control compressors
- › Balanced main output +28 dB (Stereo XLR + TRS)
- › Two stereo output busses and 4 aux sends (2 pre, 1 pre/post, 1 post)
- › 60 mm faders
- › Internal universal power supply
- › Designed and engineered in Italy

Part Number

17140091	F 16XR	EU	90-240 V	Black	EAN 8024530016166
17140096	F 16XR	US	90-240 V	Black	EAN 8024530016722
17140099	F 16XR	UK	90-240 V	Black	EAN 8024530016753
17140100	F 16XR	JP	90-240 V	Black	EAN 8024530016760



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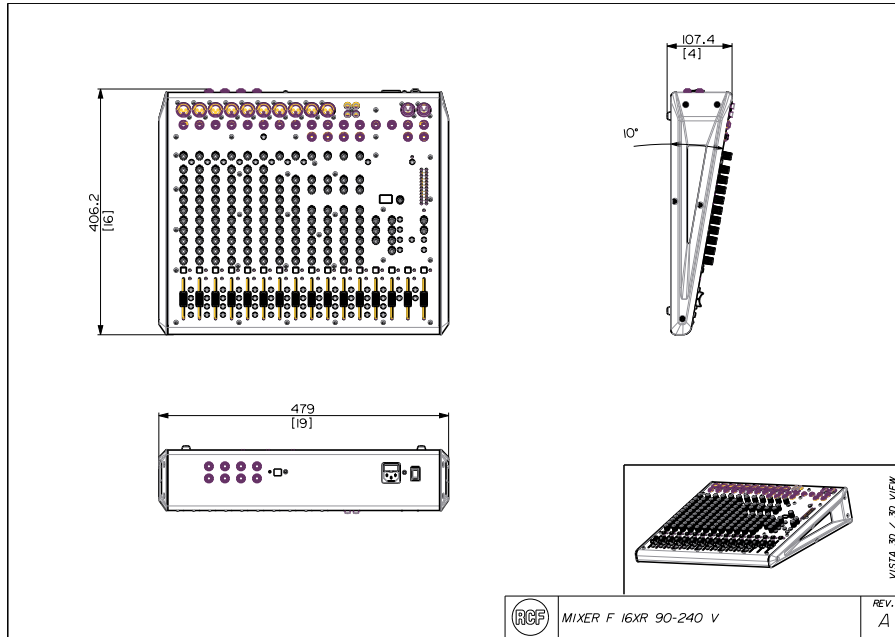
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Line Art 2D



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TECHNICAL SPECIFICATIONS

Electronic specifications

Frequency Response 20 Hz - 20 kHz
 THD+N, 20dB gain, 0dBu out <0,02% A-Weighted

Processing

Dynamic Range > 85dB

Inputs

Channels 16
 Mic 10
 Gain Range 0 dB - -50 dB
 Input Noise Level -124 dBu A-Weighted
 Mic Inputs Impedance 14 kohm
 Low Cut 80 Hz
 Phantom Power +48V Yes
 Mono Line 8
 Gain Selection 20 dB - -30 dB
 Line Input Impedance 21 kohm
 HI-Z Line Inputs 1
 HI-Z Line Inputs Impedance (Mohm) 1 Mohm
 Stereo Line 4
 Gain Selection 20 dB - -30 dB
 Stereo Line Input Impedance (kOhm) 14 kohm
 Input Connectors XLR, Jack, RCA



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Outputs	Main MIX	1
	Control Room	Yes
	FX Send	1
	AUX Send	3
	AUX Output	4
	Group Out	4
	Phones	1
	Output Connectors	XLR, Jack
Outputs specifications	Main Out Level	28 dBu
	Aux Out Level	28 dBu
	Group Out Level	28 dBu
	Phones Out impedance (ohm)	150 ohm
	Phones Out Level	10 dBm
Compressors	RCF Compressors	n°6 Single Control Compressors on Channels 1 to 6
EQ	Input Channels EQ	1 Semi Parametric / 2 Shelving
	Description	High: +/-15 dB @ 10 kHz Shelving Mid: +/-15 dB @ Freq. sel. from 100Hz to 8kHz - Bell Low: +/-15 dB @ 100 Hz Shelving
Auxiliary sends	AUX	2 PRE / 1 PRE/POST
	FX POST	1
Internal Effects	Send Effects	1
USB audio	USB Audio Interface	Yes
	Type	B
	Play trk	2
	Rec trk	2
	Supported Sample Rate	44.1, 48.0 kHz
Other features	Footswitch	Yes
Electrical specifications	Power supply	Internal
	Voltage requirements	100 V - 240 V
	Power consumption (MAX)	30 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
	Color	Black
Size / Weight	Height	107 mm / 4.21 inches
	Width	479 mm / 18.86 inches
	Depth	406 mm / 15.98 inches
	Weight	6.4 kg / 14.11 lbs



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Protections

ACCESSORIES

BAGS

13360420

BG F 16XR

Black

EAN 8024530016425