



# 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

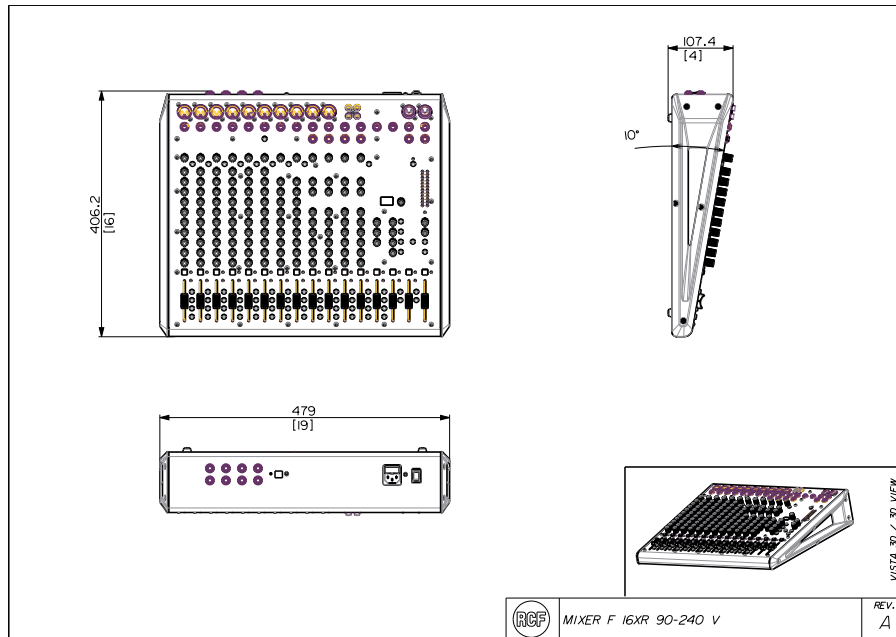
17140091	F 16XR	EU	90-240 V	Black	EAN 8024530016166
17140096	F 16XR	US	90-240 V	Black	EAN 8024530016722
17140099	F 16XR	UK	90-240 V	Black	EAN 8024530016753
17140100	F 16XR	JP	90-240 V	Black	EAN 8024530016760



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Line Art 2D



## 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

### 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



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<b>Outputs specifications</b>	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
<b>Compressors</b>	RCF Compressors	n°6 Single Control Compressors on Channels 1 to 6
<b>EQ</b>	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
<b>Auxiliary sends</b>	AUX	2 PRE / 1 PRE/POST
	FX POST	1
<b>Internal Effects</b>	Send Effects	1
<b>USB audio</b>	USB Audio Interface	Yes
	Type	B
	Play trk	2
	Rec trk	2
	Supported Sample Rate	44.1, 48.0 kHz
<b>Other features</b>	Footswitch	Yes
<b>Electrical specifications</b>	Power supply	Internal
	Voltage requirements	100 V - 240 V
	Power consumption (MAX)	30 W
<b>Standard compliance</b>	Safety agency	CE compliant
<b>Physical specifications</b>	Cabinet/Case Material	Metal
	Color	Black
<b>Size / Weight</b>	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
	<b>ACCESSORIES</b>	
<b>Protections</b>	<b>BAGS</b>	
	13360420 BG F 16XR	Black EAN 8024530016425