

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

TECHNICAL SPECIFICATIONS

Electronic specifications

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

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

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
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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	CE marking:	Yes
Physical specifications	Cabinet/Case Material:	Metal
	Color:	Black
Size	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
Shipping informations	Package Height:	150 mm / 5.91 inches
	Package Width:	453 mm / 17.83 inches
	Package Depth:	523 mm / 20.59 inches
	Package Weight:	7.4 kg / 16.31 lbs

PART NUMBER• **17140100**

F 16XR

JP

EAN 8024530016760

• **17140091**

F 16XR

EU

EAN 8024530016166

• **17140099**

F 16XR

UK

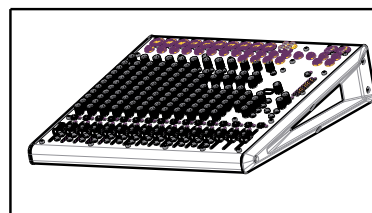
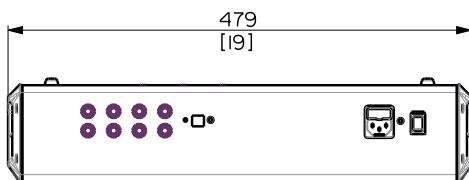
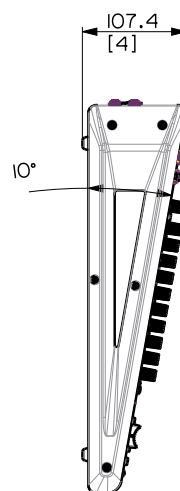
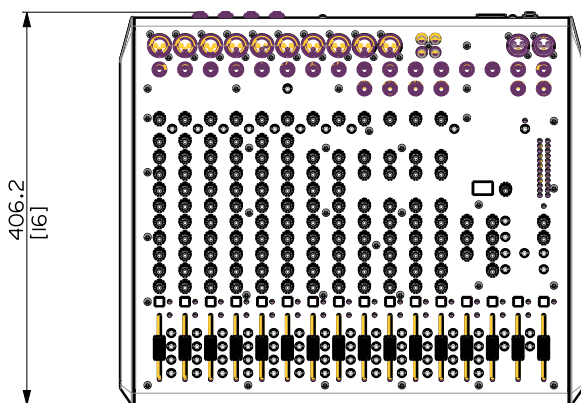
EAN 8024530016753

• **17140096**

F 16XR

US

EAN 8024530016722



VISTA 3D / 3D VIEW



MIXER F 16XR 90-240 V

REV.
A



ACCESSORIES

TRANSPORTATION BAG BG F 16XR

PART NUMBER **13360420**

EAN: 8024530016425
