



M 20X

DESKTOP DIGITAL MIXER



Description

M 20X is a fully recallable mixer, with 16 remote controlled preamps and 11 motorized faders. Despite its dimensions, the M 20X packs a whole suite of capabilities, such as high-profile preamplifiers, top of class DSP with studio-quality processing, WiFi remote control and a comprehensive set of multitrack recording and playback functions. The mixer offers a total of 20 analog inputs and 14 output channels, between the balanced analog outputs and the AES/EBU digital output.

Features

- › 20 analog inputs, 16 mic preamps and 4 line inputs
- › 12 balanced outputs + phones
- › 20-tracks sd card play/rec
- › 24 x 24 CH USB Audio Interface (24-bit/48 kHz)

- › 11 motorized Faders
- › Smooth User Interface with 5" Touchscreen
- › AES Digital Output
- › LAN / WiFi Remote Control

Part Number

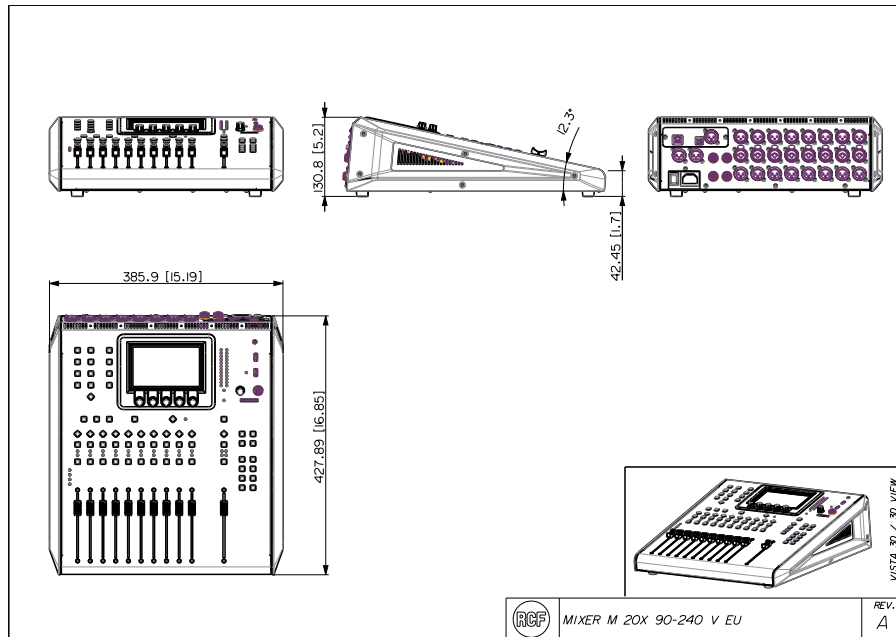
17140093	M 20X	EU	90-240 V	EAN 8024530016968
17140120	M 20X	US	90-240 V	EAN 8024530017859
17140121	M 20X	JP	90-240 V	EAN 8024530017866
17140122	M 20X	UK	90-240 V	EAN 8024530017873



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Line Art 2D



RCF MIXER M 20X 90-240 V EU

REV. 4

Electronic specifications

Inputs

TECHNICAL SPECIFICATIONS

Frequency Response	20 Hz ÷ 20 kHz
THD+N, 0dB gain, 0dBu out	< 0.02% A-Weighted
Dynamic Range, Analog to Analog	109 dB A-Weighted
Residual Noise Level, Main Out, Muted	-85 dBu A-Weighted
Channels	20
Mic (Balanced XLR)	8
Remote Controlled Storable Gain	Yes
Gain Range	0 dB ÷ 60 dB
Mic Input Impedance	3.3 kohm
Maximum Input Level	18 dBu
Phantom Power +48V	Yes
Mic/Line (XLR/TRS combo)	8
Remote Controlled Storable Gain	Yes
Gain Range	0 dB ÷ 60 dB
Mic Inputs Impedance (XLR)	3.3 kohm
Line Inputs Impedance (TRS)	12.8 kohm
Maximum Input Level (XLR)	18 dBu
Maximum Input Level (TRS)	29 dBu
Phantom Power +48V	Yes
Balanced Line (1/4" TRS)	2
Gain Range	-10 dB ÷ 10 dB
Line Inputs Impedance (TRS)	18 kohm
Maximum Input Level (TRS)	18 dBu
Stereo Line (3,5mm jack)	1
Gain Range	-10 dB ÷ 10 dB
Line Inputs Impedance (TRS)	15 kohm
Maximum Input Level (TRS)	18 dBu
Input Connectors	XLR, Jack



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Outputs	MIX Buses	8
	MAIN OUT (Balanced XLR)	2
	Output Impedance	50 ohm
	Maximum Output Level	24 dBu
	MIX OUT (Balanced XLR)	8
	MIX OUT (1/4" TRS)	2
	Output Impedance	150 ohm
	Maximum Output Level	24 dBu
	PHONES (6,8mm jack Stereo Line)	1
	Output Impedance	50 ohm
	Maximum Output Level	18 dBu
	AES3 (XLR)	1
Output Connectors	XLR, Jack	
Processing	Signal Processing	32 Bit Floating Point
	A/D-D/A conversion	24 Bit @ 48.0 kHz
	Headroom	20 dB
	Buss	16
Input processing	Source Selector	Yes
	Polarity	Yes
	High Pass Filter	Yes
	Delay	100 ms
	Gate	with Gain Reduction meter
	PEQ	4 Band
	Compressor / De-Esser on Inputs	1 ÷ 16 (with Gain Reduction meter)
Output processing	Delay	250 ms
	GEQ	30 Band
	PEQ	8 Band
	Compressor / Limiter	with Gain Reduction meter
	MIX OUT	[1 ÷ 8]
	Delay	250 ms
	PEQ	8 Band
	Compressor / Limiter	with Gain Reduction meter
	Real Time Analyzer	Yes
	Delay	250 ms
	Effects	Internal FX
FX1		Reverb (Hall, Room, Plate, Ambience)
FX2		Reverb (Hall, Room, Plate, Ambience)
FX3		Delay (Stereo, Modern, Vintage, Dual, ER)
FX4		Modulation (Chorus, Flanger, Tremolo)
Multitrack	USB Audio Interface	Yes
	Number of Tracks	20
	A/D-D/A conversion	24 Bit @ 48.0 kHz
	SD Multitrack Format	WAV, 24Bit, 48.0kHz
	Recording	20 Channels
	Playback	20 Channels
	USB Audio	Yes
	A/D-D/A conversion	24 Bit @ 48.0 kHz
	USB Audio Interface Format	WAV, 24Bit, 48.0kHz
	Upstream	24 Channels
Downstream	24 Channels	
USB drive play/rec	A/D-D/A conversion	24 Bit @ 48.0 kHz
	USB Drive Recording	2 Channels @ WAV, 24Bit, 48.0kHz
	A/D-D/A conversion	16 Bit @ 44.1, 48.0, 88.2, 96.0 kHz
	USB Drive Playback	2 Channels @ WAV/MP3/AIFF, 16Bit, 44.1, 48.0, 88.2, 96.0kHz



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Control interfaces	LAN Port USB Ports Description	1000-BaseTX for remote control 2 Type A MIDI interface, WiFi dongle (must be en
Electrical specifications	Power supply Voltage requirements Power consumption (MAX)	Internal 100 V - 240 V 70 W
Standard compliance	Safety agency	CE compliant
Physical specifications	Cabinet/Case Material	Metal
Size	Height Width Depth Weight	131 mm / 5.16 inches 388 mm / 15.28 inches 428 mm / 16.85 inches 7.9 kg / 17.42 lbs
	ACCESSORIES	
	12399066 MWD1	Black EAN 8024530019143
	RACK MOUNT KITS	
	13360450 RM-KIT M 20X / E12	EAN 8024530017743
Protections	BAGS	
	13360441 BG M 20X - E 12	Black EAN 8024530016937