

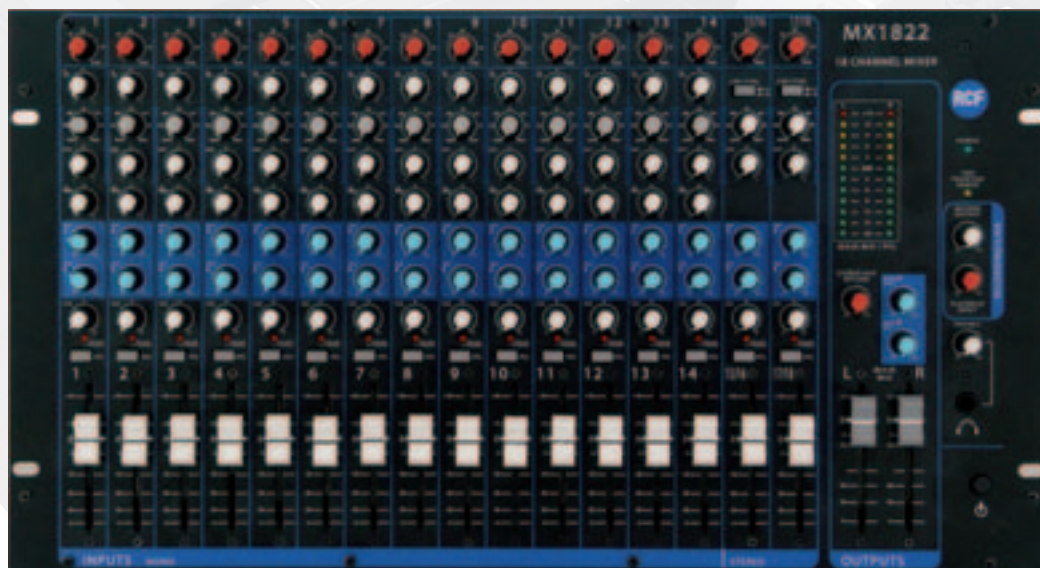
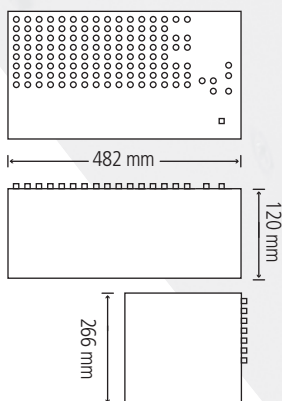
MX1822

Code no. 171.40.001

Mixer 14+2 UNIVERSAL INPUT AND 2+2 OUTPUT

Practical layout, exceptional audio quality and high channel count make the 6U rack mount MX 1822 a versatile device particularly suitable in fixed installations.

- 14 balanced MIC/LINE XLR inputs
- 2 stereo inputs at line level for music sources (can also be configured as MIC)
- 48 V PHANTOM power supply
- Each input can be directed onto two Master outputs and two AUX outputs
- LED indicator for SIGNAL presence on each input
- VU-meter assignable to each input or to the main output
- Semi-parametric 3-band equaliser on each MIC/LINE input
- OUTPUTS: Master on XLR connectors, AUX on 6.3 mm jacks
- INSERT connections available on each input
- Recording OUTPUT / INPUT on RCA connectors
- Headphones output with volume control
- Dimensions: 6U 19" rack (all the connections are on the rear panel)
- Operation in AC 115/230V



GAIN to balanced L-R outputs		MIN	MAX	RANGE
Mic		12dB	60dB	48dB
LINE		-8dB	40dB	48dB
Stereo LINE	0dB (+4 setting)	12dB (-10 setting)		12dB
Stereo AUX	Input infinity		15dB	
Playback	Infinity		15dB	
EQUIVALENT INPUT NOISE @MAX GAIN 20kHz BW				
MIC 150 Ohm source		-128dBu		
LINE 150 Ohm		-10dBu		
Stereo LINE 150 Ohm		-87dBu		
AUX Input 150 Ohm		-96dBu		
FREQUENCY RESPONSE Input to outputs				
MIC to Left, Right,	10Hz : 45kHz	+/-1dB	@30dB GAIN	
Aux 1,2 outputs	10Hz : 90kHz	+/-2dB		
Stereo LINE to Left, Right,	10Hz : 80kHz	+/-1dB	@ +4dB GAIN setting	
AUX 1,2 outputs	10Hz : 120kHz	+/-2dB		
AUX Input to	10Hz : 65kHz	+/-1dB	@ Max GAIN	
Left, Right outputs	10Hz : 100kHz	+/-2dB		
MIC INPUT CMRR @ 1KHz		-77dB40dB GAIN		
DISTORTION		+10dBu @ 1kHz at L/R outputs (22Hz-22kHz)		
MIC		0.006%	@ 30dB GAIN	
LINE		0.006%	@ 10dB GAIN	
Stereo LINE		0.003%	@ +4 GAIN setting	
AUX Input		0.0025%	@ Max GAIN	
EQUALISATION				
MONO CHANNELS		Frequency	GAIN	
Hi		12kHz	+/-15dB	
		250Hz	+/-15dB	
MID		- 6kHz	+/-12dB	
LO		60Hz	+/-15dB	
STEREO CHANNELS				
		250Hz	+/-15dB	
MID		÷6kHz	+/-12dB	
DYNAMIC RANGE				
2 Channels @ 30dB GAIN, EQ flat			108dB	
8 Channels @ 30dB GAIN, EQ flat			104dB	

NOISE		Residual Noise	Signal to Noise Ratio
1 Channel FADER @0dB, 30dB GAIN, EQ flat		-81dBu	85dB
8 Channels @ 30dB GAIN, EQ flat		-76dBu	80dB
CUT OFF & CROSSTALK @1kHz to L/R output			
Channel FADER (MIC)		81dB	dB ref. 0dB mark
L/R FADER		85dB	
MAXIMUM INPUT LEVEL		At Max GAIN	At Mm GAIN
MIC		-38dBu	+10dBu
LINE		-2dBu	+28dBu
Stereo LINE		+10dBu	+22dBu
AUX Input		+10dBu	+22dBu
INPUT IMPEDANCE		BALANCED	UNBALANCED
MIC		2k Ohm	1k Ohm
LINE		20k Ohm	10k Ohm
Unbalanced			
Stereo Input		15k Ohm	10k Ohm
Unbalanced			
AUX Input		10k Ohm	10k Ohm
Unbalanced			
OUTPUT LEVELS		Nominal	Maximum
L/R Insert		-2dBu	+22dBu
AUX Sends 1-2		-	+22dBu
Left/Right Outputs		+4dBu	+28dBu
PHONES		-	+22dBu
Channel Direct Output		+4dBu	+22dBu
Channel Insert		+4dBu	+22dBu
DIMENSIONS		WIDTH mm(ins)	HEIGHT mm(ins)
		482 (19)	266 (10.5) GU RACK
			120 (4.8)
WEIGHT kg (lb)		6.95 (15.3)	
POWER SUPPLY			
VOLTAGE (selectable) 50/60Hz A.C. only		230V or 115V 25Watt Max.	
A.C. Fuse 230V		T 160mA L 250V 20x5mm	
A.C. Fuse 115V		T 250mA L 250V 20x5mm	
Fuse +48V (A.C. secondary)		T 100mA L 250V 20x5mm	