



Neve 1081R Remote Microphone Rack

Introduction

Neve 1081R Remote Mic Amp Rack meets the professional demand for high class front end microphone pre-amplifiers. The legendary Neve sound can be delivered from a choice of classic pre-amps in a remote controlled rack.

Up to twelve mic pre amp modules can be installed in a rack and controlled manually from the front panel, from a PC or from an AMS Neve console. For those using the 1081R with a Neve console the rack interfaces directly with AMS Neve's Encore Automation computer and console surfaces, giving engineers total control over the mic amplifiers from the console.

The 1081R rack can be positioned in the recording area, optimising sound quality by shortening the cable run from mic to pre amp. The rack's low impedance outputs enable it to be positioned a considerable distance from the console or recorder provided appropriate wiring is installed.

Modules

Three types of microphone pre-amplifier module are currently available, the **Air Monserrat** mic amp taken from the famous late 70's desk of that name, identified by the blue knob, the classic **1081** from the early 70's identified by the maroon knob and the vintage **1073** identified by the grey knob.

The revered 1073 mic amp is the latest to be added to the 88R remote mic amp range. The 1073 is a discrete Class A design with a very warm but precise sound. It has a thirty year heritage as a mic pre renowned for its particularly fine sound on vocals and guitars. This complements the Air's fabulous reputation as an orchestral recording mic pre and the 1081's heritage as the classic mic pre of choice for drums and percussion.

The modules can be fitted in any combination required up to the maximum of twelve slots per rack. Each 1081 or Air module requires one slot, each 1073 module requires two slots.



Manual Control

All the mic pre's can be controlled manually from the front panel. Controls include Gain, Phase, Phantom and 20dB Pad. The Gain is on a continuous movement controller with a range from 20dB to 70dB.

PC Control

Neve's Remote Mic Amp Software may be installed on a PC to provide remote control of the pre amps in the 1081R rack. All of the controls accessible manually can be accessed from the PC via a 9 pin connection. Settings can be stored and recalled. Multiple mic pre racks can be controlled from a single PC.



Encore Control

The remote mic amplifiers can be individually assigned to 88R channel strips for control using the channel selector, or they can be controlled directly from the screen which displays their settings. The mic amp settings can be saved and recalled independently of the console's recall system.

Microphone Module Specifications:

1081 (1 slot, max 12 per rack)

XLR inputs

Input Impedance:	1.2 kOhm, @1kHz
Gain:	+20 to +70 in 5dB steps
Distortion:	not more than 0.07% for 20dBm output from 50Hz to 10kHz @ 60dB gain
Noise:	(22Hz to 22kHz bandwidth) EIN better than -123dB @ 60dB gain
Microphone Maximum Input Level with 'pad' in:	+24dB
Max Output:	+26dB into 600 ohms
Output impedance:	50 ohms +/-5%@1kHz, balanced

Air (1 slot, max 12 per rack)

XLR inputs

Input Impedance:	1.2 kOhms @1kHz
Gain:	+20 to +70 in 5dB steps
Distortion:	not more than 0.025% for 20dBm output from 20Hz to 20kHz @ 60dB gain
Noise:	(22Hz to 22kHz bandwidth) EIN better than -125dB @ 60dB gain
Microphone Maximum Input Level with 'pad' in:	+24dB
Max Output:	+26dB into 600 ohms
Output impedance:	50 ohms +/-5%@1kHz, balanced

1073 (2 slots, max 6 per rack)

XLR inputs

Input Impedance:	1.2 kOhms @1kHz
Gain:	+20 to +70 in 5dB steps
Distortion:	(80kHz bandwidth): not more than 0.07% from 50Hz to 10kHz at +20dBu output into 600W
Noise:	(22Hz to 22kHz bandwidth) EIN better than -125dB @ 60dB gain
Frequency Response:	+/-0.5dB 20Hz to 20kHz, -3dB at 40kHz
Microphone Maximum Input Level with 'pad' in:	+24dB
Max Output:	+26dB into 600 ohms
Output impedance:	50 ohms +/-5%@1kHz, balanced



Rack Housing Specifications:

(Fully Fitted)

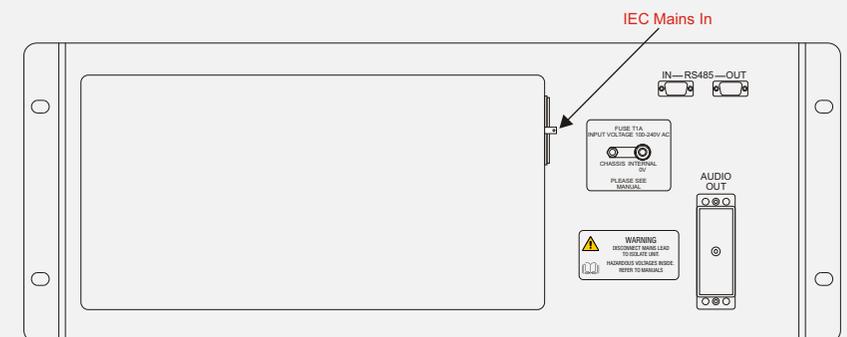
Power: <40w, 100-240v auto sensing, 47-63Hz, 1.6A Anti Surge Fuse.

Audio Interface: 12 balanced circuits on a 56 way panel mounted female Varicon.

Control Interface: 2 x 9 Pin D Type

Rack Weight: 21kg (46lb)

Rack Dimensions: Height 178mm (7")
Width 482.5mm (19")
Depth 265mm (10½")
plus depth of mains fitting 63.5mm (2.5")



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