

MOBILE UNIT VIA RADIO MR PLATINUM



The **MR PLATINUM** is a double conversion receiver suitable for operating as a receiver in the externally synthesized MRI 20 DIG unit. The parameters of frequency, RF level and subcarrier level can be read in the LCD display. It also includes mono/stereo outputs (MPX) and 3 SCA, together with monitoring control by means of internal speaker.

GENERAL CHARACTERISTICS

OPERATING FREQUENCY RANGE	200-960MHz, in sub bands from 20MHz
MODULATION	FM, from peak deviation 75KHz 180k F3E mono 256k F3E stereo
NOISE FIGURE	≤10dB
IMAGE FREQUENCY REJECTION	≥50dB, typical 60dB
DYNAMIC SELECTIVITY	>+10dB @δf=300kHz >+35dB @δf=500kHz
SUPPRESSION AM	>45dB
USEFUL ENTRY LEVEL	-90 a -10dBm (7μV-70mV)
TYPICAL SENSITIVITY OF ENTRY (SIGNAL / NOISE = 60dB)	-90dBm (7μV) mono -70dBm (70μmV) stereo
FI MONITOR OUTPUT	10.7MHz/0dBm
OUTPUT RESPONSE DEMODULATED BROADBAND	15Hz-120kHz +0.1/-3dB
LEVEL OF DEMODULATED OUTLET BAND ACHA	+6dBm
MPX OUTPUT LEVEL	-1.5 a +12dBm, 0.5dB/pass
RESPUESTA DE SALIDA MPX	15Hz-67kHz +0.1/-0.5dB
MONO OR STEREO DECODIFIED RESPONSE	30Hz-15kHz ±0.1dB
AUDIO RESPONSE MONO OR STEREO OUT OF BAND (F≥19KHz)	>50dB
CONSTANT TIME OF DE-EMPHASIS	0/50/75μs ±2%

1KHz MODULATION DISTORTION (100% DEVIATION)	≤0.1%, typical 0.03% (mono) ≤0.3%, typical 0.2% (1 stereo channel)
STEREO DIAPHONY	>50dB (100-5000Hz) >45dB (50-15000Hz)
FEEDING	100-240Vac, 47-63Hz
DIMENSIONS	2 units of 19" rack