



# Southern Avionics Company

## MR-5 Monitor Alarm Receiver - Rack Mount

Part Number: SLF400XX\*

\*XX replaced when frequency is assigned at time of purchase

SPECIFICATION SHEET

5055 Belmont, Beaumont, TX 77707  
 Phone +409.842.1717  
 Fax +409.842.2987  
 sales@southernavionics.com



### Application:

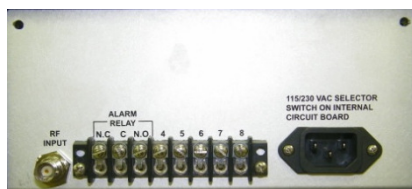
The SAC MR-5 Monitor Receiver with Loop Antenna fulfills FAA requirements for "off the air" monitoring.

### Outputs:

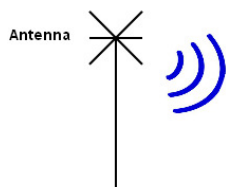
Signal level meter calibrated in dB, and in percent of transmitted power. Audio tone alarm, 1 Watt maximum into the 8 Ohm front panel speaker. Alarm relay contact, 1 form C (SPDT); contacts rated 2 amp 28 VDC, 1 Amp 115 VAC, resistive load. Fail and Normal LED's.

FEATURE	SPECIFICATION
Frequency Range (5 available bands)	190-245 kHz, 245-315 kHz, 315-415 kHz, 415-535 kHz, 535-650 kHz
Sensitivity	Better than 3 uV with 20 dB S+N/N with 30% modulation
Selectivity	Less than 4 kHz at -6 dB, from 190-535 kHz, Less than 6 kHz at -6 dB, from 535-650 kHz
Antenna input	BNC connector, nominal 50 Ohms
Alarm conditions	Reduced carrier level (adjustable), reduced modulation level (3dB), continuous tone modulation, frequency drift greater than 2KHz
Alarm delay	Variable, 5-40 seconds
Operating Temperature	-10 °C to +50 °C, relative humidity 99% non-condensing
Storage Temperature	-20 °C to +60 °C
Power	115/230 VAC±15%, 6 VA, 50/60 Hz, 15 to 38 VDC
Height	5 in. (12cm)
Depth	11 in. (28cm)
Width	19 in. (48cm)
Weight	6 lbs. (3kg)
Additional Equipment	Loop Antenna (connection cable included)
Compatibility	All NDBs ranging from 190-650 kHz

Rear View of MR-5 Rack Mount



\*Information provided is subject to change without notice



Loop Antenna



MR-5 Monitor Rack Mount

Loop Antenna: SLF40008	
Feature	Specification
Height	24 in. (61cm)
Width	23 in. (58cm)
Weight	9 lbs. (4kg)