

FM-AM MODULATION METER

JMM-2200

1.5MHz~2GHz

—NEW—



*INTRODUCTION

The FM/AM modulation meter JMM-2200 combines high accuracy with automatic tuning, and level setting. It has been designed primarily for the servicing and production testing of cordless telephone, walkie-talkie, particularly mobil radio communication systems, and it covers carrier frequencies from 1.5MHz to 2GHz. FM deviation is measured in 5 ranges from 3kHz to 100kHz full scale, and AM depth is measured in 4 ranges from 10% to 100% full scale.

*FEATURES

- Wide band frequency range from 1.5MHz to 2GHz.
- RF input level from 3mV to 1V (-37.4dBm to +13dBm)
- Filter selection can be measured from 25Hz to 50kHz (8 step with LPF and HPF).
- Set the display the FM deviation or AM depth on the panel high accuracy mirror analog meter.
- Simple soft button operation.
- High instrumentation accuracy, and fast response, low cost, lightweight.

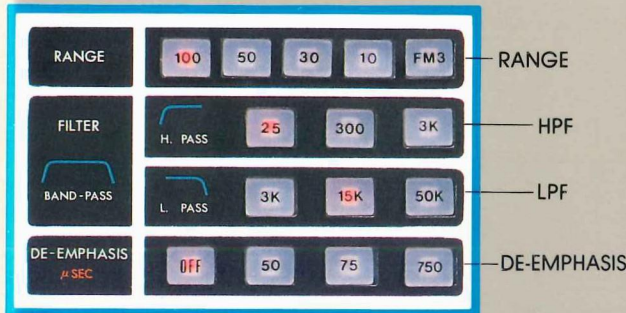
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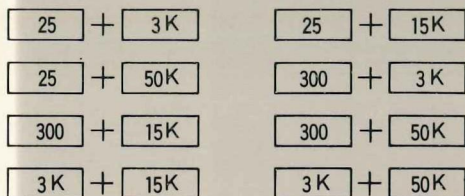
R.F INPUT	Frequency range		1.5MHz to 2GHz
	Input level range		3mV to 1V (-37.4dBm to 13dBm)
	Modulation frequency		25Hz to 50kHz
	Input impedance		50 ohm
FM MEASURE- MENT	Modulation frequency		Inband 25Hz to 50kHz
	Range selection		3, 10, 30, 50, 100kHz, measurement of 5 step
	Accuracy		± 2% FS
	Residual FM		< 20Hz (carrier frequency up to 100MHz). Above 100
	De-emphasis		OFF, 50, 75, 750 μsec ± 5% MHz increase 20/100
	FILTER	LPF	3kHz, 15kHz, 50kHz
HPF		25Hz, 300Hz, 3kHz	
AM MEASURE- MENT	Modulation frequency		Inband 25Hz to 50kHz
	Range selection		10, 30, 50, 100%, measurement of 4 step
	Accuracy		± 2% FS
	Residual AM		Inband 0.5%
	De-emphasis		Automatic OFF
SIGNAL OUTPUT	IF Output	Connector	Front panel BNC-TYPE
		Frequency	~ 420kHz
		Level	100mV
		Impedance	50 ohm
	AF Output	Connector	Front panel BNC-TYPE
		Level	0.5 VRMS
		Frequency	Controlled by selected input modulation frequency
		Impedance	600 ohm
	Distortion	FM	Less than 1% (for 50kHz deviation at 1kHz Mod-freq.)
		AM	Less than 1% (for 80% AM at 1kHz Mod-frequency)
TEMPERA- TURE HUMIDITY	Operating temperature		0°C to 40°C
	Maximum humidity		Less than 95% (30°C)
THE OTHER	Accessories		BNC to BNC cable, power cord, manual, fuse
	Dimensions & Weight		100(H) × 330(W) × 300(D)mm, Approx 5kg
	Power requirements		AC 100V, 115V, 215V, 230V ± 10%, 50/60Hz

Specifications are subject to change without notice.

VERSATILITY OF SELECTION

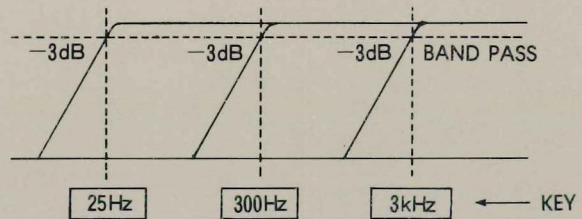


*Versatility of the filter selection (8 step)



HPF & LPF

• HPF



• LPF

