

Instructions for Operation
of
AM NOISE METER

1. Connect transmitter pickup loop to IN coaxial connector. Caution: The RF sample should not exceed 2 watts.
2. Connect an AC VTVM to the OUT jacks.
3. Remove all modulation from the transmitter.
4. Place the selector switch in RF Cal. position.
5. Adjust RF CAL for center scale (or any reference point) reading on the panel meter.
6. Place the selector switch in INT Cal position.
7. Adjust INT CAL for the same reference as in step 5 on the panel meter.
8. Repeat steps 4 through 7 until the meter reference points are identical.
9. With the selector switch in INT CAL position, establish a reference (0 db) on the external AC VTVM.
10. Switch to RF CAL position and read AM noise on the external AC VTVM.

McMARTIN INDUSTRIES, INC.
605 North 13th Street
Omaha, Nebraska 68102

Scanned and Prepared by
Dale H. Cook

McMartin

Has it!

**AM NOISE METER
Model AM-25**

The AM-25 is designed to facilitate the measurement of AM noise of an FM transmitter. It may also be used for AM transmitters and TV Aural transmitters. For proof-of-performance measurements, this small, self-calibrating meter assembly replaces the "haywire" collection of parts familiar to the station engineer. Used with an AC voltmeter, noise measurements may be made with accuracy.



SPECIFICATIONS:

Operating Range: Up to 500 mc
Power: 117 VAC 50/60 cps.
RF Input: Up to 4 watts
Input (Connector): 50 ohm coaxial
Controls: RF Cal./Int. Cal. Switch
RF Level Control
Internal Cal. Control
Meter: 500 ua movement

Output: 10,000 ohms @ 3 volts
Output (Connector): Dual banana jacks
RF Diodes: 1 1N3604 & 1 1N51
Dimensions: 6 $\frac{1}{4}$ " L, 3 $\frac{3}{4}$ " W, 2 $\frac{3}{4}$ " H
Finish: Natural Gray Front Cover
Black Case
Shipping Weight: 3 lbs.
Net Weight: 1.5 lbs.

ONLY

\$24.50