



**SYLVANIA  
MODEL MPX112**

Resistors are 1/2 watt or less and rated 10% or 20% unless otherwise indicated.

# ALIGNMENT INSTRUCTIONS

Maintain line voltage at 117 volts. Use only enough generator output to obtain a suitable indication. Allow a 15 minute warmup for receiver and equipment.  
**CAUTION:** Use Isolation transformer, if available. If not, observe polarity when connecting test equipment.  
 Suggested Alignment Tools: A1 thru A4

GENERAL CEMENT: 8606, 8606L, 8669 WALSCO: 2543, 2544, 2588

## FM STEREO MULTIPLEX ALIGNMENT USING FM STEREO SIGNAL GENERATOR ( $\pm .0001\%$ ACCURACY)

Connect high side of generator to  $\diamond$ , low side to ground.

GENERATOR FREQUENCY	INDICATOR	ADJUST	REMARKS
67KC	Vert. amp. of Scope thru a 1 meg to point $\diamond$ ; low side to ground.	A1	Adjust for MINIMUM.
19KC	Vert. amp. thru 47K to point $\diamond$ ; low side to ground.	A2, A3	Adjust for maximum.
"	Vert. amp. thru 47K to point $\diamond$ ; low side to ground.	A4	Adjust for zero beat as heard from speaker, with maximum deflection on scope.
Modulated Left Channel	Vert. amp. to point $\diamond$ ; low side to ground.	A2, A3, A4.	Adjust for MINIMUM.
Modulated Right Channel	Vert. amp. to point $\diamond$ ; low side to ground.		Check for MINIMUM. Make compromise adjustments if necessary of A2, A3 & A4.

