MOTOROLA
AUDIO METERING ADAPTER
MODEL TEKA-57

EQUIPMENT MODEL SERIES	SWITCH SETTING
"HT" "Handie-Talkie" Radio	15 ohms
"Pageboy" Radio Pager	8 ohms

1. APPLICATION

The Model TEKA-57 Audio Metering Adapter is used with the Motorola Model TU546 or S1056A through S1059A Series Portable Test Sets. The adapter plugs directly into the speaker jack of portable radio sets to measure the audio output of the receiver on the voltmeter scale of the test set. A switch, mounted on the adapter plug housing, allows the operator to select an 8- or 15-ohm impedance, depending on the type of portable equipment under test. Refer to the table for switch position settings for the various types of equipment.

2. USING THE ADAPTER FOR 20 DB QUIETING CHECKS

a. Connect the Model TEKA-57 Adapter to the test set 20-contact plug and insert the phone plug in the speaker jack of the unit under test.

b. Adjust the receiver volume to provide a reading of 50 ua on the test set meter.

c. With an rf signal generator, apply an on-frequency rf signal to the antenna input of the receiver and increase the input level until the test set reading is reduced to 5 ua. The signal generator output level is the 20 db quieting sensitivity of the receiver.
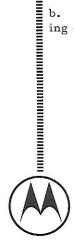
3. TEST SET SWITCH POSITIONS

In making the above measurements the test set switches should be set as follows:

a. FUNCTION SELECTOR SWITCH- TRANSMITTER.
b. POSITION SELECTOR SWITCH- ~~TRANSMITTER.~~ POS 11 AUDIO
c. OSCILLATOR & METER REVERSING SWITCH - OFF.
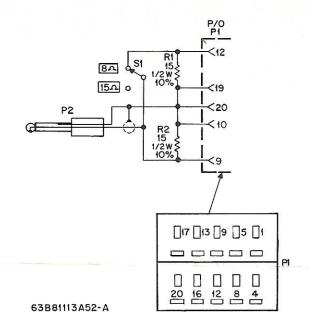
4. DATA INCLUDED

Schematic Diagram and Parts List   63B81113A52

63B81113A52-A

REVISIONS

DIAG. ISSUE	CHASSIS AND SUFFIX NO.	REF. SYMBOL	CHANGE	LOCATION
A	TEKA-57	P1	P1-9 WAS P1-10	P1
			PARAGRAPH 3 ADDED	

Model REKA-57 Audio Metering Adapter
Schematic Diagram
Motorola No. 63B8111A52-A
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