"MICOR" "SENSITRON"
UHF RECEIVER
AUDIO & SQUELCH BOARD
MODEL TRN6006A, 7A

FUNCTION
— Provides amplification of the low level audio output signal from the receiver rf and if.
— Provides audio squelch action

Model Usage

<table>
<thead>
<tr>
<th>Receiver Frequency Range</th>
<th>TRN6006A</th>
<th>TRN6007A</th>
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<tbody>
<tr>
<td>25-50 MHz</td>
<td>X</td>
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<tr>
<td>72-76 MHz</td>
<td>X</td>
<td></td>
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<tr>
<td>132-174 MHz</td>
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<tr>
<td>406-512 MHz</td>
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ALL SQUELCH CIRCUIT OSCILLOGRAME WAVEFORMS TAKEN UNDER FOLLOWING CONDITIONS:
1. VERTICAL SENSITIVITY = 8.5 V/DIV.
2. HORIZONTAL DEFLECTION = 2 mm/DIV.
3. SQUELCH CONTROL FULLY CLOCKWISE ON. NO EXTERNAL SIGNAL APPLIED.
4. WAVEFORMS 10, 11, 12, 13, 14, 15, 16 ARE DC COUPLED WITH ZERO AT BOTTOM, OTHERS AC COUPLED.

SQUELCH CIRCUIT WAVEFORMS

ALL AUDIO CIRCUIT OSCILLOGRAME WAVEFORMS TAKEN UNDER THE FOLLOWING CONDITIONS:
1. VERTICAL SENSITIVITY SHOWN UNDER EACH WAVEFORM.
2. HORIZONTAL DEFLECTION = 25 mm/DIV.
3. SQUELCH CONTROL FULLY COUNTERCLOCKWISE ON. NO EXTERNAL SIGNAL APPLIED.
4. VOLUME CONTROL AT FULL LOAD 100% OUTPUT AT LOAD.
5. OUTPUT TERMINATED IN 50 Q LOAD.
6. RESISTOR FOR 1% MEM. AT PIN 7; WITH ±2% DEVIATION (1% TONE).

AUDIO CIRCUIT WAVEFORMS