

Table 6. R\*I\*C\*K "Transmitter" Radio Problems

Problem	Possible Cause
"Transmitter" radio not keying when a "properly" identified signal is presented to "receiver" radio.	<ol style="list-style-type: none"> <li>1. R*I*C*K not in Setup state.</li> <li>2. R*I*C*K not enabled.</li> <li>3. Loose or bad cable(s).</li> <li>4. "Receiver" radio on wrong channel (mode).</li> <li>5. No transmit frequency programmed into "transmitter" radio.</li> <li>6. S2 of R*I*C*K not configured correctly.</li> <li>7. Incorrect frequency and/or PL/DPL programmed into "receiver" radio.</li> <li>8. Accessory connector of "receiver" radio not programmed correctly or not operating correctly.</li> </ol>
"Transmitter" radio keying continuously or keying without a "properly" identified signal presented to "receiver" radio.	<ol style="list-style-type: none"> <li>1. "Receiver" radio on wrong channel (mode).</li> <li>2. Wrong PL/DPL programmed into "receiver" radio.</li> <li>3. Accessory connector of "receiver" radio not programmed correctly or not operating correctly.</li> <li>4. S2 of R*I*C*K not configured correctly.</li> <li>5. J4-3 of R*I*C*K pulled LOW by an accessory.</li> <li>6. If using VOX, JU551 in "receiver" radio in "flat/unmuted" ("A") position. Move JU551 to "B" position.</li> </ol>
Erratic output power level from "transmitter" radio.	<ol style="list-style-type: none"> <li>1. If using ignition sense, voltages at power connector and J3-10 of "transmitter" radio differ by more than 0.6Vdc.</li> <li>2. Inadequate power supply current capability.</li> <li>3. Loose antenna connector.</li> <li>4. Faulty antenna or feedline.</li> </ol>
"Transmitter" radio keys but no or low audio is transmitted.	<ol style="list-style-type: none"> <li>1. Loose or bad cable(s).</li> <li>2. S2 of R*I*C*K not configured correctly.</li> <li>3. JU551 missing on logic board of "receiver" radio.</li> <li>4. R23 of R*I*C*K not adjusted correctly.</li> <li>5. J4-5 or J4-2 shorted due to connections to "J4-ACC" of R*I*C*K.</li> <li>6. Audio loaded by an accessory connected to "J4-ACC" of R*I*C*K.</li> <li>7. Audio loaded by microphone plugged into "transmitter" radio (and/or "receiver" radio in bi-directional repeater). DTMF microphone may cause this problem.</li> </ol>
No speaker audio heard from "transmitter" radio in bi- directional repeater configuration.	<ol style="list-style-type: none"> <li>1. J3-15 and J3-16 of "transmitter" radio not jumpered together.</li> <li>2. Loose or bad cable from "transmitter" radio to R*I*C*K.</li> <li>3. Volume control of "transmitter" radio turned down.</li> <li>4. Speaker wires not connected between speaker and J10 on logic board of "transmitter" radio.</li> <li>5. External speaker (if applicable) not connected between J3-1 and J3-16 of "transmitter" radio.</li> <li>6. Defective speaker (internal or external, if applicable).</li> </ol>
Long delay in audio from microphone plugged into "transmitter" radio.	<ol style="list-style-type: none"> <li>1. S2-5 and S2-6 simultaneously ON. Either S2-5 (flat audio) or S2-6 (EIA audio) should be ON and the other must be OFF.</li> </ol>