



Most Common Service Questions for the Icom M-600

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IC-M600

- Symptom:** Radio will not transmit or receive after warm-up.
- Probable Cause:** PLL unlock.
- Cure:** Replace unstable C228 with a ceramic equivalent and adjust the lock voltage for 2 volts instead of 2.5 volts as stated in the manual.
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- Symptom:** Carrier output when mic is keyed in SSB mode, distorted TX audio. RF feedback.
- Probable Cause:** RF feedback.
- Cure:** Add a ground jumper at J10, pin 4 on main unit.
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- Symptom:** Won't operate tuner.
- Probable Cause:** S1 and/or S2 on the logic are not set in the proper position. Q52 may be bad.
- Cure:** Set switches correctly. Check Q52 for failure.
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- Symptom:** No display.
- Probable Cause:** IC5 and C12 blown on logic unit.
- Cure:** Replace blown IC5 and C12.
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- Symptom:** Radio won't turn off.
- Probable Cause:** Bad Q1 on relay unit.
- Cure:** Replace Q1.
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