

## Troubleshooting

The following chart is designed to help you correct problems which are not equipment malfunctions.

If you are unable to locate the cause of a problem, or solve it through the use of this chart, contact your nearest Icom Dealer or Service Center.

PROBLEM	POSSIBLE CAUSE	SOLUTION	REF.
Power does not come on when <b>POWER</b> is pushed.	Power cable is improperly connected.	Reconnect the DC power cable correctly.	p. 2-4
	The external power supply is turned OFF.	Turn ON the external power supply.	p. 2-4
	The DC power cable fuses or circuitry fuse are blown.	Find and repair the cause of the problem and then replace the damaged fuse with a new one.	p. 14-2
No sound is heard from the speaker.	Audio level is too low.	Rotate <b>(AF◀RF/SQL)</b> (inner) clockwise to obtain a suitable listening level.	p. 3-2
	The squelch is closed.	Rotate <b>(AF◀RF/SQL)</b> (outer) to the 12 o'clock position to open the squelch.	p. 3-10
	The tone squelch is ON in the FM mode.	Turn OFF the Tone squelch.	p. 4-30
	An external speaker or headphones are connected to [PHONES] jack.	Disconnect the head-phone or external speaker.	p. 2-2
	The external speaker cable is cut.	Check the external speaker cable and repair it.	—
Sensitivity is too low, and only strong signals can be heard.	The attenuator is activated.	Turn OFF the attenuator in the FUNCTION screen.	p. 4-3
	The squelch is closed.	Rotate <b>(AF◀RF/SQL)</b> (outer) to 12 o'clock position to open the squelch.	p. 3-10
	The antenna is defective or the coaxial cable connector is shorted or cut.	Repair the problem and then reconnect to the antenna connector.	p. 2-3
	You are using an antenna not suitable for the band you have selected.	Connect an antenna suitable for the operating frequency.	p. 2-3
		Hold down <b>TUNER</b> to tune the antenna.	p. 11-2
No power output or the output power is too low.	The operating frequency is outside a ham band.	Set the frequency to a ham band.	p. 3-4
	The modulation input signal level is set too low.	Adjust the microphone gain in the Multi-function menu.	p. 3-11
	The microphone is bad, or the [MIC] connector is shorted.	Try to transmit in the FM, CW, or RTTY mode to check whether the microphone or the transceiver has a problem.	p. 3-3
	The antenna SWR is more than 3:1.	Adjust the antenna for an SWR of less than 3:1.	p. 11-2
	The antenna is not properly tuned.	Hold down <b>TUNER</b> for 1 second to tune the antenna.	p. 11-2
	TX power is set too low.	Adjust the RF POWER in the Multi-function menu.	p. 3-11