

What appears to be equipment malfunction may not be damaging or difficult to solve. Check the following chart before making any adjustments or sending the transceiver to an Icom Service Center.

	PROBLEM	POSSIBLE CAUSE	SOLUTION	REF.
POWER	Power does not come ON when [POWER] is pushed.	<ul style="list-style-type: none"> <li>Power cable is improperly connected.</li> <li>The DC power cable fuse or circuitry fuse is blown.</li> </ul>	<ul style="list-style-type: none"> <li>Reconnect the cable securely.</li> <li>Find and repair the cause of the problem and then replace the damaged fuse with a new one.</li> </ul>	p. 16 p. 22
	RECEIVE	No sound comes from the speaker.	<ul style="list-style-type: none"> <li>The [SPEAKER] switch is turned OFF.</li> <li>Microphone is not connected.</li> <li>RF gain is set too deeply and several segments of the S-meter appear.</li> <li>The squelch is closed.</li> </ul>	<ul style="list-style-type: none"> <li>Turn ON the [SPEAKER] switch.</li> <li>Connect the microphone to the [MICROPHONE] connector.</li> <li>Push [FUNC], then [RX] to reset the RF gain. (RF GAIN 9 applies audio.)</li> <li>Adjust the squelch to proper level or push [SQL] to turn it OFF to receive weak signals.</li> </ul>
Sensitivity is too low and only strong signals are audible.		<ul style="list-style-type: none"> <li>Antenna is not properly matched to the operating frequency.</li> <li>RF gain is set too deeply.</li> <li>Wrong tuner condition is selected in the set mode.</li> </ul>	<ul style="list-style-type: none"> <li>Push [TUNE] to tune the using antenna tuner or select "automatic tuning" in the set mode when using an optional AT-130.</li> <li>Push [FUNC], then [RX] to reset the RF gain.</li> <li>Set the proper tuner for the connected tuner.</li> </ul>	p. 13 p. 10 p. 13
The received audio is unclear or distorted.		<ul style="list-style-type: none"> <li>Wrong operating mode is selected.</li> <li>AGC is deactivated while receiving a strong signal.</li> <li>Noise blanker is turned ON when receiving a strong signal.</li> <li>The [CLARITY] control is rotated too far clockwise or counterclockwise.</li> </ul>	<ul style="list-style-type: none"> <li>Push [MODE] to select the proper operating mode.</li> <li>Push [AGC] to activate the AGC function.</li> <li>Push [NB] to turn the noise blanker OFF.</li> <li>Adjust the [CLARITY] control to receive proper audio output.</li> </ul>	p. 9 p. 10 p. 10
TRANSMIT	Your signal does not reach as far away as usual.	<ul style="list-style-type: none"> <li>The transmit power is set low.</li> <li>The antenna tuner is improperly matched to the operating frequency when manual tuning is selected.</li> <li>CW or FSK mode is selected for voice transmission.</li> </ul>	<ul style="list-style-type: none"> <li>Push [FUNC], then [TX] to reset the transmit power. (RF-PWR 3 is maximum power.)</li> <li>Push [TUNE] to tune the using antenna tuner, or select "automatic tuning" in the set mode.</li> <li>Push [MODE] to select USB mode (or AM, R3E, etc.).</li> </ul>	p. 9 p. 9 or p. 13 p. 9
	Transmit signal is unclear or distorted.	<ul style="list-style-type: none"> <li>The wrong operation mode is selected.</li> <li>Microphone is too close to your mouth.</li> </ul>	<ul style="list-style-type: none"> <li>Push [MODE] to select the proper operating mode.</li> <li>Speak into the microphone naturally and do not hold the microphone too close to your mouth.</li> </ul>	p. 9 –
	No contact is possible with another station.	<ul style="list-style-type: none"> <li>Wrong transmit frequency is set.</li> </ul>	<ul style="list-style-type: none"> <li>Push [TX FREQ] to check and store the correct transmit frequency.</li> </ul>	p. 9
DISPLAY	Frequency cannot be set via the keypad.	<ul style="list-style-type: none"> <li>The [CE] key is not pushed ("▶" does not appear) before digit entry.</li> <li>2182 kHz is selected with the [2182KHz] switch.</li> </ul>	<ul style="list-style-type: none"> <li>Push [CE] ("▶" appears), then enter the desired frequency.</li> <li>Push [2182KHz], then set the frequency.</li> </ul>	p. 8 p. 6
	All indicators appear and the channel number cannot be read.	<ul style="list-style-type: none"> <li>The highest contrast is selected in the set mode.</li> </ul>	<ul style="list-style-type: none"> <li>Set to the proper display contrast.</li> </ul>	p. 15
	FSK ITU channels cannot be selected.	<ul style="list-style-type: none"> <li>SITOR operation is set to OFF in the set mode.</li> </ul>	<ul style="list-style-type: none"> <li>Set "SITOR" to ON in the set mode.</li> </ul>	p. 13