

## W52P Defective Phone Checking List and Repairing Instruction

	Defective Sort	Category	Checking List	Possible Defective Reason	Suggested Fix Manner
Handset	Audio	□A1、No audio	□A11、The system can finish the bootup □A12、Has voice in handset □A13、Speaker once worked well □A14、Has voice in speaker □A15、Handset once worked well	1、Fit A11, A12, A13, because of speaker cable broken, insufficient solder in B2 or B2, speaker defect. 2、Fit A11, A14, A15, generally because of insufficient solder in J7, B3/B4 or handset receiver cable, or because of cable broken, receiver damage.	1、Check if there is short in the connecting cable between B1/B2 and speaker, if no, replace a new speaker. 2、Check if there is insufficient solder in J7, B3/B4 or handset receiver cable and if there is broken cable, if no, replace a new handset receiver directly.
		□A2、Noise in conversation	□A21、Noise in local speaker □A22、Noise in local handset □A23、When using speaker in handfree mode, the other party hears noise □A24、When using handset in handset mode, the other party hears noise	1、Fit A21, A22, generally electroacoustic device problems. 2、Fit A23, A24, generally MIC problems.	1、Handset noise: replace a new handset; Speaker noise: replace a new speaker. 2、Has noise in conversation: replace the MIC.
	Charge		Handset doesn't charge when placed in the charger cradle	1、Insufficient solder in R39, Q5 or damaged Q5. 2、Dirty charger contactor, defective connection of handset and charger cradle. 3、Damaged charger cradle power supply.	1、Re-weld R39, Q5, or replace Q5. 2、Clean the handset charger shrapnel and spring. 3、Replace a new power supply for charger cradle.
	Display	□D1、No display	□D11、Keyboard indicator is on □D12、Has voice while pressing keys of handset	1、Fit D11, D12, possibility: broken FPC cable, defective LCD, productoin problem, insufficient solder in L1 or damaged L1.	1、Check if there is insufficient solader or short in FPC, is yes, fix the problem; if no, replace a new LCD. 2、Check if there is insufficient solder or damage in L1.
		□D2、Display error	□D21、No display of certain horizontal line or vertical line □D22、No display of certain icons □D23、Display messy code □D24、Display black patches	1、Fit certain items of D21, D22, D23, generally software problem. 2、Fit D24, generally LCD screen problem.	1、Upgrade software. 2、Replace a new LCD.
		□D3、Flash screen	□D31、Normal to place calls	1、LCD screen problem. 2、Insufficient solder in U1.	1、Replace a new LCD. 2、After replacing a new LCD, if problem still, check if there is insufficient solder in U1, if yes, fix the problem and replace to the original LCD.
	Keys		□K11、All keys can not work □K12、Some keys can not work □K13、Only one key can not work □K14、Wrong key value or slow response	1、Contaminated of golden pad or rubber. 2、Key stuck results in all keys can't work.	1、Check if golden pad or rubber is contaminated, if so, wipe and clean it. 2、Reassemble the rubber & keys, fix the stuck key.
	Power		□P11、Handset cannot start up when powered on with battery	1、Fit P11, generally the battery is out of power or is damaged. 2、Fit P11, the spring for the battery is not installed properly.	1、Place handset in the charger cradle or replace battery. 2、Check the spring installation of the battery holder.
	Software		□S11、Abnormal LCD screen display □S12、Can't start up once after upgrading software		1、Upgrade software using upgrading tools through USB port. 2、Re-upgrade software due to failed software upgrade.