

4-1-2. How to check fault symptom

■ No Power Genoa-S

Refer to the next page to check the location such a CN201 or IC1001 SVC Manual mentioned.

Symptom	<ul style="list-style-type: none"> - The LEDs on The front panel do not work when connecting The power cord. - The SMPS relay does not work when connecting The power cord. - The units appears to be dead. 	
Major checkpoints	<p>The PD relay does not work when connecting the power cord if the cables are improperly connected or the Main Board or PD is not functioning. In this case, check the following:</p> <ul style="list-style-type: none"> - Check the internal cable connection status inside the unit. - Check the fuses of each part. - Check the output voltage of SMPS. - Replace the Main Board. 	
Caution	Make sure to disconnect the power before working on the PD board.	
Diagnostics	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> When power on, check the sound of relay on? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Check the backlight on, when 20p cable unconnected ? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Does proper Stand-By DC A5V appear at the PIN 4 of CN201? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Check 'Main power input' ? - PIN7 : B18VS - PIN11 : B13V - PIN1 : B5V </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Does proper DC A3.3V appear at the pin3 of IC204? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Does proper DC B3.3V appear at the pin8 of IC201? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px;"> Does proper Genoa-S core 3.3V, 1.1V appear at C1002, C1032? </div> <div style="display: flex; justify-content: space-between; margin-bottom: 5px;"> ↓ Yes → No </div> <div style="border: 1px solid black; padding: 5px;"> A power is supplied to panel appear at the pin7,8 of IC210? </div> <div style="display: flex; justify-content: space-between; margin-top: 5px;"> → No </div>	<div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> check a connection power cable. </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> Change 20p cable. Change Main Power Assy. </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> Change the IC204 or the Main Assy. </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> Change the IC208, IC207 or the Main Assy. </div> <div style="border: 1px solid black; padding: 5px; margin-bottom: 5px; text-align: center;"> Change the IC208, IC207 or the Main Assy. </div> <div style="border: 1px solid black; padding: 5px; text-align: center;"> Check a other function. Replace a LCD Panel </div>
	Caution	Make sure to disconnect the power before working on the IP board.