

SAMSUNG

GSM TELEPHONE

SGH-X210

SERVICE *Manual*

GSM TELEPHONE



CONTENTS

1. Safety Precautions
2. Specification
3. Product Function
4. Array course control
5. Exploded View and Parts List
6. Disassembly and Assembly instructions
7. MAIN Electrical Parts List
8. Block Diagrams
9. PCB Diagrams
10. Flow Chart of Troubleshooting
11. Reference data

**SAMSUNG
ELECTRONICS**



contents

1. Safety Precautions

- 1-1. Repair Precaution1-1
- 1-2. ESD(Electrostatically Sensitive Devices) Precaution1-2

2. Specification

- 2-1. GSM General Specification2-1
- 2-2. GSM Tx Power Class2-2

3. Product Function

- 3-1. Main Function3-1

4. Array course control

Software Downloading

- 4-1. Downloading Binary Files4-2
- 4-2. Pre-requisite for Downloading4-2
- 4-3. S/W Downloader Program4-3

5. Exploded View and Parts List

- 5-1. Cellular phone Exploded View5-1
- 5-2. Cellular phone Part list5-2

6. Disassembly and Assembly instructions

- 6-1. Disassembly6-1
- 6-2. Assembly6-3

7. MAIN Electrical Parts List

8. Block Diagrams

9. PCB Diagrams

- 9-1. Main9-1
 - 9-2. LCD9-3
-

contents

10. Flow Chart of Troubleshooting

10-1. Baseband

10-1-1. Power ON	10-1
10-1-2. Initial	10-3
10-1-3. Sim Part	10-5
10-1-4. Microphone Part	10-6
10-1-5. Speaker Part	10-8
10-1-6. LCD backlight	10-10
10-1-8. Camera	10-17

10-2. RF

10-2-1. GSM Rx	10-11
10-2-2. DCS Rx	10-13
10-2-3. PCS Rx	10-15
10-2-4. GSM Tx	10-18
10-2-5. DCS/PCS	10-19

11. Reference data
