

SA-4320 Handheld Terminal Quick Reference

U00104851101

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This manual explains how to use the SA-4320 Handheld Terminal (the "device").
Thank you for purchasing the SA-4320 Handheld Terminal.
Read the "Safety Precautions" before using the device. Use the device correctly and safely, and keep this manual for future reference.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

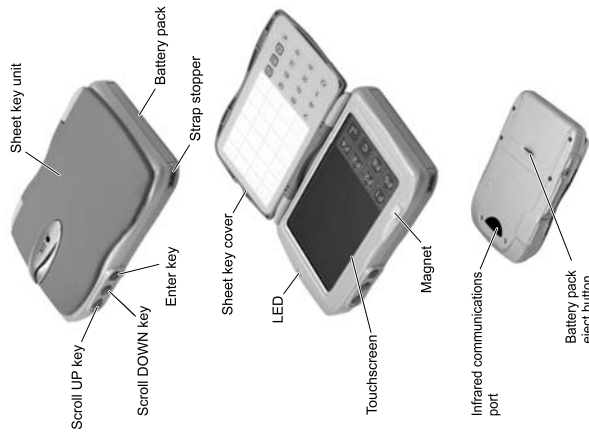
This equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment on and on, the user is encouraged to take one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

WARNING
You are cautioned that changes or modifications not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

CAUTION
This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. End-users must follow the specific operating instructions for satisfying RF exposure compliance.
This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

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1. Components

2. Use Conditions

Temperature: 41°F to 104°F (5°C to 40°C)
Humidity: 30% to 80% with no condensation

3. Battery Pack Preparation

Charging a battery pack

When using a rechargeable battery pack, charge the battery pack with the SA-5320 Charger before mounting. The battery will be charged in about 4 hours, but it could take longer if charging in environments of 95°F(35°C) or higher.

Battery pack electrical specifications

- Maximum charging current: 1000mA
- Maximum charging voltage: 4.23V



4. Mounting and removing a battery pack

Mounting a battery pack



Insert the battery pack until it clicks.

Removing a battery pack



Press and hold the battery pack eject button and remove the battery pack.

Safety Precautions

Read the "Safety Precautions" before using the device, and use the device correctly and safely.

This manual uses the following symbols to describe precautions for the correct and safe use of the device, and to prevent damage to the equipment.

- ⚠ : Precautions (including danger and warning).
- ⊘ : Prohibited actions.
- ⚡ : Forced actions or instructions.

Some of these symbols with graphics indicate specific precautions, prohibitions, and instructions as below.

Read carefully before continuing.

Warning	Warning: Indicates a potentially hazardous situation which, if not avoided, could result in death or serious injury.
Caution	Caution: Indicates a potentially hazardous situation which, if not avoided, could result in injury, or physical damage to the equipment.

Examples of Symbols

- ⊘ "Do not disassemble".
- ⚡ "Remove the power supply plug from the outlet".

Warning

Never disassemble the device yourself.

This may result in malfunction, electric shock, or fire.

Remove the battery pack immediately if this device emits abnormal smoke or smell, or the display suddenly disappears. Keep using the device under such conditions may cause fire. Make sure that the device stopped smoking, and consult your local service center for repairs.

Do not use in sites of extremely high humidity or where there is a possibility of water dripping onto the device.

This may result in fire, electric shock, or malfunction.

Avoid dropping metal fragments or spilling liquids, such as water, into the interior or between the cracks of the device.

This may result in fire, electric shock, or malfunction.

Battery packs

- Do not disassemble a battery pack in a fire or disassemble, as this may result in explosion or harmful substance leakage.
- Do not short-circuit the terminals, as this may result in fire.

Caution

Use only the specified battery pack with the device. Failure to do so may result in fire or injury due to battery pack damage or fluid leak.

Do not insert foreign objects, such as metals or liquids, into the open vents or cracks. This may result in malfunction, electric shock or fire.

If a foreign object should enter the device, immediately remove the battery pack, and then consult your local service center for repairs.

Caution

Do not use the device if it is malfunctioning.

This may result in electric shock or fire.

Do not dispose of used batteries in a fire. This may result in an explosion.

Never use the device with wet hands. This may result in malfunction or electric shock.

Never install the device in locations that are subject to vibration or shock. This may result in malfunction.

Do not install the device near objects emitting strong magnetic fields or electromagnetic waves. This may result in malfunction.

Do not drop, shock, or apply unnecessary force to the device. This may result in malfunction.

Do not place liquids, such as water, or small metal objects like clips on the device. This may result in malfunction or electric shock.

Do not allow foreign bodies, such as liquids, metals, or cigarette smoke to get into the device. Doing so may result in malfunction or electric shock.

Do not use the device in hospitals. This may result in medical equipment malfunction that could endanger people's lives.

Do not use the device near cardiac pacemakers. This may cause electromagnetic interference that could endanger people's lives.

Never connect the device to an energized LAN cable.

This may result in the device emitting smoke, or fire.

Unplug the power supply cable from the outlet and stop using the device immediately if it emits abnormal smoke, smell or noise. To continue using the device under such conditions may cause fire or electric shock.

Keep away from devices generating noise, such as motors. The device may malfunction in such conditions.

Follow all other warnings and precautions described in each section.

Electromagnetic waves

Follow the precautions below when using the device.

- Before using the device, ensure that there are no built-in radio stations for mobile identification or specified low power radio stations operating in the area.
- Change the bandwidth of the frequency used or suspend the radio emissions immediately if there is electrical interference with a built-in radio stations for mobile identification. Consult your dealer for solutions to prevent interference.
- Consult your dealer if there are any problems, such as the device interfering with specified low power radio stations for mobile identification.
- Do not use the device near cardiac pacemakers. This may cause electromagnetic interference that could endanger people's lives.
- Do not use the device near microwave ovens. This may reduce the communication speed or cause a communication blackout. Keep at least 2 meters between the device and microwave ovens.

Electromagnetic wave transparency

The device emits the radio waves that penetrate wood and glass, but are obstructed by rebar, metals, and concrete. Change the installation site if radio waves from the device don't penetrate indoor walls. Installing extra devices is recommended.

Warning Self-regulation of electromagnetic wave interference

This device is a class A electromagnetic wave interference regulated product and it may cause wireless interference in home environments. In such cases, the user may be required to take appropriate measures.

5. Mounting and Removing the Sheet Key Unit

1. Turn the screws at least three times with a coin. (x2 screws)



2. Insert your fingernail into the gap as shown, and remove the panel by pushing out.



Caution
Do not use hard objects, such as metal or glass to remove screws.

3. Align and mount the notch of the new sheet key unit to the clips of the main unit.



4. Tighten the screws securely. (x2 screws)



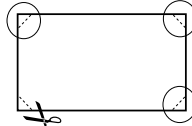
Caution
Regularly check that the screws are not loose.

6. Fitting a Menu Sheet

1. Bend the sheet key cover, and remove the clips as shown below. Remove the sheet key cover.



2. Place a menu sheet on the sheet key unit.



Caution
Cut off the four corners of the menu sheet along the dotted lines.

3. Fit the sheet key cover on the top of the menu sheet. Insert the clips firmly to fix the sheet key cover in its original position.

Caution
Do not apply excessive force to the clips. This may damage or deform the clips.

7. Reset

1. Press the **Scroll** key and the **Enter** key at the same time for about 5 seconds.



Scroll: UP key

Enter key

8. Downloading Programs

1. Follow the operations manual and download the programs.

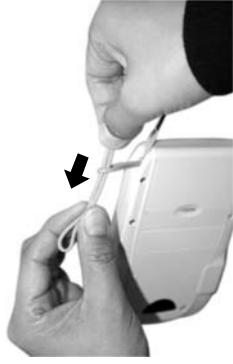
10. Precautions for Use

Follow all the instructions below without fail. Failure to do so may cause malfunction or damage, and result in paid repairs. SII Data Service Corp. takes no responsibility for damage caused by use of the device that does not comply with the proper usage outlined in this manual.

- (1) The device has a built-in wireless facility that has received technical standard compliance certification according to the Radio Law. **Never** alter or modify the device. Using illegally modified devices may be punishable under the Radio Law.
- (2) **Take care not to drop, bend, or strongly shock the device**, as the device has a highly-sensitive wireless facility built-in. Contact your local service center if the device is damaged in an accident or has been dropped during use. **Never** get the device repaired anywhere other than the service center.
- (3) Do not place objects or rest your hand on the device.
- (4) Do not place food or drinks, such as coffee, or hot objects such as cigarettes, on the device.
- (5) Do not wash or pour liquids, such as water or oil, over the device. It is not waterproof.
- (6) **Never store or leave the device** in any of the following locations. This may result in case deformation or device malfunction, such as reduced or deteriorated battery performance, or memory loss.
 - Locations with temperatures below 41°F (5°C)
 - In vehicles during summer
 - Locations near air-conditioning equipment
 - Locations with direct sunlight
 - Locations with temperatures higher than 104°F (40°C)
- (7) Avoid using the device in the following locations:
 - Locations with magnetic fields (i.e., near microwave ovens, electromagnetic cookers, industrial refrigerators, ice makers, devices with built-in motors.)
 - Locations surrounded by conductive materials, such as metals
 - Locations near high-temperature devices, such as microwave ovens and electrotherms
 - Locations potentially exposed to moisture or water vapor

9. Attaching a Strap

1. Pass the strap through the strap stopper and loop through itself as shown below.



12. Accessories

- 1. Strap
- 1. Sheet key cover (fitted to the device)
- 1. Battery pack
- 1. Sheet key unit (mounted to the device)
- 1. Quick Reference (this manual)

13. Consumables

- SA-4003-01 Battery Pack
- SA-4004-00 Sheet Key Unit
- Strap
- Sheet key cover

14. Battery Pack Handling

- Do not discard used battery packs; please recycle them. The lithium ion batteries used in the battery pack are a valuable resource.
- Isolate the poles on the used battery pack with tape.

11. Daily Maintenance and Cleaning

- Do not use a volatile solvent. If the device is dirty, slightly wet a soft cloth with a neutral cleaning agent, wring out the cloth thoroughly, and gently wipe the device.
- Wiping with liquid dripping from the cloth may result in a malfunction due to the liquid seeping in the case, between gaps of the side keys or touchscreen, or into the sheet keys.
- Prevent the device from getting dirty. Contact will be defective and the device may not operate properly if the device power supply terminals or battery pack terminals are dirty. Wipe gently using cotton buds if the terminals are dirty.
- **Caution**
 - Never touch the terminals except for cleaning. This may result in defective contacts.
 - Never raise or push down on the terminals.

(12) Dispose of the device according to the regulations of your local government.

For details, consult your local government.

throughout the night.

Ensure you leave the battery pack mounted to the device