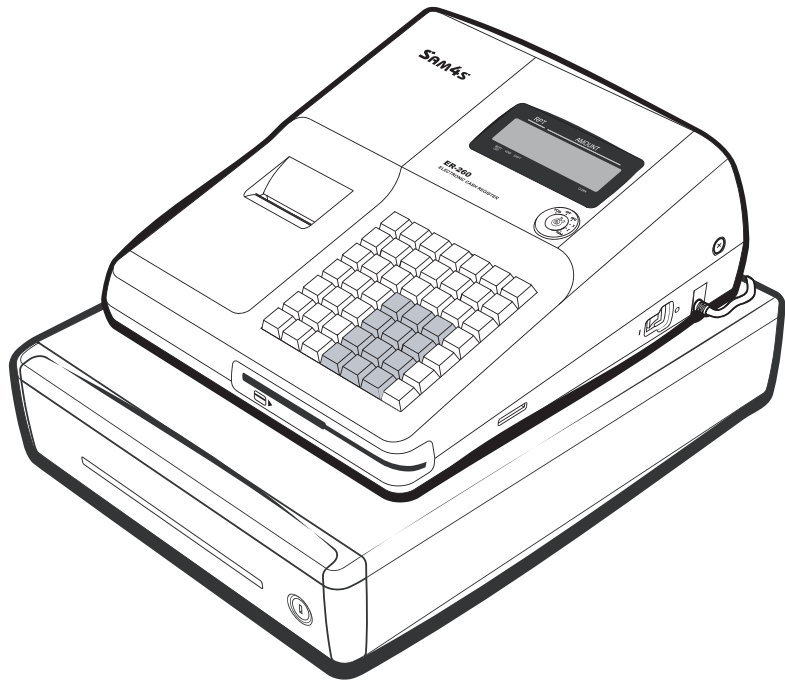


SAM4S

ER-260 Electronic Cash Register

Operator's and Programming Manual





*For Fast Startup, See
"Quick Setup" on page 7*

All specifications are subject to change without notice.

Precaution Statements

Follow these safety, servicing and ESD precautions to prevent damage and to protect against potential hazards such as electrical shock.

1-1 Safety Precautions

1. Be sure that all built-in protective devices are replaced. Restore any missing protective shields.
2. When reinstalling the chassis and its assemblies, be sure to restore all protective devices, including nonmetallic control knobs and compartment covers.
3. Make sure there are no cabinet openings through which people - particularly children - might insert fingers and contact dangerous voltages. Such openings include excessively wide cabinet ventilation slots and improperly fitted covers and drawers.
4. Design Alteration Warning:
Never alter or add to the mechanical or electrical design of the SECR. Unauthorized alterations might create a safety hazard. Also, any design changes or additions will void the manufacturer's warranty.
5. Components, parts and wiring that appear to have overheated or that are otherwise damaged should be replaced with parts that meet the original specifications. Always determine the cause of damage or over- heating, and correct any potential hazards.
6. Observe the original lead dress, especially near the following areas: sharp edges, and especially the AC and high voltage supplies. Always inspect for pinched, out-of-place, or frayed wiring. Do not change the spacing between components and the printed circuit board. Check the AC power cord for damage. Make sure that leads and components do not touch thermally hot parts.
7. Product Safety Notice:
Some electrical and mechanical parts have special safety-related characteristics that might not be obvious from visual inspection. These safety features and the protection they give might be lost if the replacement component differs from the original - even if the replacement is rated for higher voltage, wattage, etc. Components that are critical for safety are indicated in the circuit diagram by shading, () or (). Use replacement components that have the same ratings, especially for flame resistance and dielectric strength specifications. A replacement part that does not have the same safety characteristics as the original might create shock, fire or other hazards.

CAUTION

There is the danger of explosion if battery is incorrectly replaced.

Replace only with the same or equivalent type recommended by the manufacturer.

Dispose used batteries according to the manufacturer's instructions.

ATTENTION

Il y a danger d'explosion s'il y a remplacement incorrect de la batterie.

Remplacer uniquement avec une batterie du même type ou d'un type équivalent recommandé par le constructeur.

Mettre au rebut les batteries usagées conformément aux instructions du fabricant.

SAFETY NOTICE: "For pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible."

1-2 Servicing Precautions

WARNING: First read the-Safety Precautions-section of this manual. If some unforeseen circumstance creates a conflict between the servicing and safety precautions, always follow the safety precautions.

WARNING: An electrolytic capacitor installed with the wrong polarity might explode.

1. Servicing precautions are printed on the cabinet. Follow them.
2. Always unplug the units AC power cord from the AC power source before attempting to:
 - (a) Remove or reinstall any component or assembly
 - (b) Disconnect an electrical plug or connector
 - (c) Connect a test component in parallel with an electrolytic capacitor
3. Some components are raised above the printed circuit board for safety. An insulation tube or tape is sometimes used. The internal wiring is sometimes clamped to prevent contact with thermally hot components. Reinstall all such elements to their original position.
4. After servicing, always check that the screws, components and wiring have been correctly reinstalled. Make sure that the portion around the serviced part has not been damaged.
5. Check the insulation between the blades of the AC plug and accessible conductive parts (examples: metal panels and input terminals).
6. Insulation Checking Procedure: Disconnect the power cord from the AC source and turn the power switch ON. Connect an insulation resistance meter (500V) to the blades of AC plug.

The insulation resistance between each blade of the AC plug and accessible conductive parts (see above) should be greater than 1 megohm.
7. Never defeat any of the B+ voltage interlocks. Do not apply AC power to the unit (or any of its assemblies) unless all solid-state heat sinks are correctly installed.
8. Always connect an instrument's ground lead to the instrument chassis ground before connecting the positive lead; always remove the instrument's ground lead last.

1-3 Precautions for Electrostatic Sensitive Devices (ESDs)

1. Some semiconductor (solid state) devices are easily damaged by static electricity. Such components are called Electrostatic Sensitive Devices (ESDs); examples include integrated circuits and some field-effect transistors. The following techniques will reduce the occurrence of component damage caused by static electricity.
2. Immediately before handling any semiconductor components or assemblies, drain the electrostatic charge from your body by touching a known earth ground. Alternatively, wear a discharging wrist-strap device. (Be sure to remove it prior to applying power - this is an electric shock precaution.)
3. After removing an ESD-equipped assembly, place it on a conductive surface such as aluminum foil to prevent accumulation of electrostatic charge.
4. Do not use Freon-propelled chemicals. These can generate electrical charges that damage ESDs.
5. Use only a grounded-tip soldering iron when soldering or unsoldering ESDs.
6. Use only an anti-static solder removal device. Many solder removal devices are not rated as anti-static; these can accumulate sufficient electrical charge to damage ESDs.
7. Do not remove a replacement ESD from its protective package until you are ready to install it. Most replacement ESDs are packaged with leads that are electrically shorted together by conductive foam, aluminum foil or other conductive materials.
8. Immediately before removing the protective material from the leads of a replacement ESD, touch the protective material to the chassis or circuit assembly into which the device will be installed.
9. Minimize body motions when handling unpackaged replacement ESDs. Motions such as brushing clothes together, or lifting a foot from a carpeted floor can generate enough static electricity to damage an ESD.

Contents

Introduction	1
Using This Manual	1
Using Flowcharts.....	1
Basic Features and Functions	2
Keyboard	2
Control Lock	5
Display	6
Quick Setup	7
Unpacking.....	7
Installing the Paper	7
Clearing Memory.....	11
Memory All Clear	11
Initial Clear	12
Basic Programming	13
Setting the Date	13
Setting the Time	13
Programming Tax.....	14
Programming a Taxable Department.....	16
Basic Operations.....	17
Registering Items.....	17
Totaling a Cash Sale.....	18
Tendering a Cash Sale.....	18
Tendering a Check Sale.....	19
Totaling a Charge Sale	19
Advanced Operating Instructions	21
Clerk Operations.....	21
Clerk Sign On.....	21
Clerk Sign Off	21
Department Registrations	22
Open Department	22
Preset Price Department	22
Department Repeat Entry	23
Multiplication	23
Department Multiplication With Decimal Point.....	24
Split Pricing.....	24
Single Item Department.....	25
PLU (Price Look Up) Registrations	26
Open PLU.....	26
Preset Price PLU	26
PLU Repeat Entry	26
PLU Multiplication.....	27

PLU Multiplication With Decimal Point	27
Split Pricing PLU	28
Percent Key (+% and -%) Operations.....	29
Preset Percent on a Department or PLU Item.....	29
Enter a Percent on a Department or PLU	29
Percent On Sale Total	30
Return Merchandise Registrations.....	30
Voids and Corrections	31
Void Last Item	31
Void Previous Item.....	31
Cancel.....	32
Void Position Operations	32
- (Minus) Key Registrations	33
No Sale Operations	34
Open Drawer	34
Non Add Number	34
Received On Account Operations.....	35
Paid Out Operations.....	35
Totaling and Tendering.....	36
Subtotaling a Sale.....	36
Totaling a Cash Sale.....	36
Tendering a Cash Sale.....	37
Tendering a Check Sale.....	37
Totaling a Charge Sale	38
Check Cashing.....	38
Split Tender	39
Post Tender.....	40
Currency Conversion.....	41
Add Check.....	42
Receipt On/Off and Receipt on Request.....	43

Advanced Programming Instructions 45

Department Programming.....	45
Programming Department Status.....	45
Programming Department Entry Limit or Price	48
System Option Programming.....	50
System Option Table	52
Advanced Tax Programming.....	55
Tax Rate Programming.....	55
+% and -% Key Programming.....	57
- (Minus) Key Programming.....	59
CANCEL Key Programming.....	61
Programming the CANCEL Key.....	61
Currency Conversion	62
Programming Clerks	63
PLU (Price Look Up) Programming.....	65
Programming PLU Status	65
Programming PLU Entry Limit or Price	68
Setting a Register Number.....	70
Programming Descriptions	71
Customer Logo	71
Department Descriptor	74
PLU Descriptor.....	76
Code Table	78

Program Overlay	79
Setting Receipt/Journal Status	80
Printing a Programming Report.....	80
Calculator Programming.....	80
Memory Allocation.....	81
PC Online Mode	81

Reports 83

Report Summary	83
Running a Report	85
Cash-In-Drawer Declaration.....	85
Declaring Cash	85
Report Samples.....	86
Financial Report	86
Hourly Sales Report	89
PLU Report	90
Clerk Report	91
Cash-in-Drawer Report	92
Check-in-Drawer Report	92
System Balancing	93
Department Sales Total	93
Net Total.....	93
Gross Total	93
Grand Total	93

This is a “Table of Contents preview” for quality assurance

The full manual can be purchased from our store:

[https://the-checkout-tech.com/manuals/samsung/ER-260 and ER-265M operating program](https://the-checkout-tech.com/manuals/samsung/ER-260%20and%20ER-265M%20operating%20program.pdf)

And our free Online Keysheet maker:

<https://the-checkout-tech.com/Cash-Register-Keysheet-Creator/>

[HTTPS://THE-CHECKOUT-TECH.COM](https://THE-CHECKOUT-TECH.COM)