

ER-A410/420

ELECTRONIC CASH REGISTER

SHARP[®]



ER-A410
Raised keyboard design

ER-A420
Flat, spill-proof
micro-motion keyboard design



ADVANCED TECHNOLOGY IN A COMPACT DESIGN.

Enhance your business with the advanced features and functionality of the user friendly ER-A410/420 Electronic Cash Registers. With Advanced Flash Rom technology and more standard features than you would expect to find in its class, the compact ER-A410/420 delivers the reliability, value and flexibility you expect from the industry leader—Sharp.

The brilliant 2-line alphanumeric backlit LCD operator display will help reduce errors and speed ECR programming and the standard RS-232 ports allow for easy connectivity to optional peripherals for even greater ECR capabilities. With advanced PLU capabilities, enhanced cashier functions, multiple payment types, auto keys, training mode and price shift levels, the ER-A410/420 software functionality is exceptionally flexible.

The ER-A410/420 enables you to manage critical business information at a moment's notice with easy programming and quick access to sales and transaction data, pricing, and a full range of comprehensive management reports.

The Sharp ER-A410/420 advanced functionality is the key to success for your fast paced business, all from the technology leader—Sharp.

key features

- Integrated high-speed 2-station thermal printer with graphic logo capability
- 2-line alphanumeric backlit LCD operator display
- Two built-in RS-232 ports for connection of optional peripherals
- Compact, low profile design with heavy duty lockable cash drawer
- Powerful built-in software with full range of management reports
- Departments: maximum of 99
- Price Look Ups (PLU): maximum of 1,800
- Cashiers: maximum of 20
- Previous Balances: maximum of 999

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reports

Title	Description
Full (General)	Combines information from departments and transaction media totals. This report is used as the audit report for your business.
Group Total	Summarizes the department sales totalizers by its assigned department group number.
PLU (Range)	Allows the store owner to analyze Price Look Up (PLU) sales data by a specified range of PLU codes.
PLU by Department	Allows the manager/owner to report the PLU sales by its associated department number.
PLU Zero Sales	Lists PLU items which have not accumulated sales totalizers.
PLU Price Category	Allows the PLU sales totalizers to be taken based on its unit price in a range.
Hourly (All/Range)	Provides the store owner with the number of transactions and sales total by 1-hour increments for a 24-hour period. This becomes a useful tool in determining which times during the day your business is most successful. This report can also be useful in determining when extra employees are necessary.
Department Group	Consolidates departments into like categories to provide summary sales data analysis of your business.
Individual Group	Allows the store owner to select a specific group number for which to analyze associated department sales data.
Transaction	Provides all related media accountability for the business day, which can justify collected monies for items sold.
Full Cashier	Provides sales and media accountability for up to (20) cashiers who have made sales entries.
Individual Cashier	Allows the store owner or manager to audit each individual's sales and media accountability one person at a time.
Daily Net	Provides the net sales total by calendar day for a 31-day period. Business revenues are easily tracked by each day of the month.
Stacked	Prints a maximum of 15 reports in succession within a single reporting operation.
Flash	Allows the store owner or manager to view a defined total in the ECR's display for quick, up-to-the-moment analysis of that day's business. Available Flash Reports include: <ul style="list-style-type: none"> • Net-3 (net sales plus tax) • Department (by selected departments) • Cash-in Drawer (total cash in drawer)
CCD (cash/check declarations)	Allows a full accounting of cash and checks in drawer.
PLU by Stock	Allows the store owner to look at current inventory levels by PLU.
Commission Sales	Links a cashier to a particular department to keep track of individual sales.
PBLU	In X mode allows you to print all open checks and in Z mode allows viewing of open checks and to close out.
PBLU by Cashier	Gives a report of all open checks by cashier.



The 2-line alphanumeric backlit LCD display shows the item and price to minimize operator errors.

main software features

- Large PLU Allocation
- Direct PLU's
- Set PLU
- PLU Stock (Inventory)
- Multiple Price and Level Shifts
- Link PLU
- Multiple Cashiers with Code Entry
- Multiple Void Options
- Multiple Tax Rates with Currency Conversion
- Multiple Media Types
- Training Mode
- Auto Keys
- Guest Check Printing (with Optional Slip Printer)
- PBLU (Previous Balance Look Up)

specifications

DISPLAY		Other Printing Functions:	<ul style="list-style-type: none"> • Logo text printing with 3 line header or footer (6 line maximum) • Graphic logo capability • Receipt and journal independent feed function • Print stop function • Paper end sensor 	KEYBOARD	
Operator:	LCD display with backlight 16 characters x 2 lines			Type:	Flat, micro-motion keyboard (ER-A420) Raised keyboard (ER-A410)
Customer (pop-up):	LED, 7 digit numeric/7 segments	Number of Keys:	119 keys (ER-A420) Standard 61/maximum 82 (ER-A410)	COMMUNICATIONS	
PRINTER		DRAWER		Type:	RS-232
Type:	2-station (receipt/journal) thermal	Bill:	5 compartments	Number of Ports:	2
Printing Capacity:	Receipt: 24 characters maximum Journal: 24 characters maximum	Coin:	6 compartments	Connectivity:	Can connect to optional peripherals such as scale, coin dispenser, CAT, PC, slip printer
Printing Speed:	Approximately 13.3 lines per second	Other Drawer:	Security lock	GENERAL	
Logo Message Text:	6 line message maximum	Features:	<ul style="list-style-type: none"> • Drawer open sensor • Pull out cash till • Heavy duty metal construction 	Dimensions:	16.5"(w) x 16.8"(d) x 11.7"(h)
Graphic Logo Capability:	Yes	Option:	2nd cash drawer	Weight:	Approximately 30 lbs.
Paper Width:	1.75" ± .02" (44.5 mm ± 0.5mm)			Power Consumption:	38 W (maximum)/10 W (standby)
Thickness:	.06 mm to .08 mm paper thickness			Power Source:	Official (nominal) voltage and frequency
Paper Roll Diameter:	3.15" (80 mm) maximum				
Paper Type:	Thermal				

Design and specifications are subject to change without notice.

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