# SHARP

# ER-A170 Electronic Cash Register

- **Attractive, modern design**
- **Up to 10 preprogrammed departments for ease of use**
- **Up to 200 Price Look Ups (PLUs) or subdepartments**
- **4 individual clerk totals for greater security/management**
- **Flash reporting for easy viewing of sales totals**
- **Battery back-up for memory protection**
- **Large easy-to-read pop-up display**
- **Large and durable cash drawer**

# Full of Convenient Functions
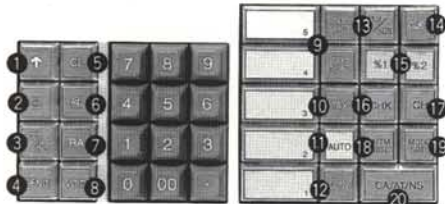# Packed in a Smart Design

# ER-A170
## Electronic Cash Register

- ① Paper feed key
- ② Discount key
- ③ Receipt issue/ Paid-out key
- ④ Refund key
- ⑤ Clear key
- ⑥ Multiplication key
- ⑦ Received-on-account key
- ⑧ Void key
- ⑨ TAX 1 and TAX 2 shift keys
- ⑩ Manual TAX key
- ⑪ Automatic entry key
- ⑫ Conversion key
- ⑬ PLU/Subdepartment code entry key
- ⑭ Clerk code entry key
- ⑮ % 1 and 2 keys
- ⑯ Check key
- ⑰ Charge key
- ⑱ Non-add code/Time display/Subtotal key
- ⑲ Merchandise subtotal key
- ⑳ Cash/Amount tendered/ No sale key

Numeric keys    Department keys

**Mode Switch Functions**
OP X/Z: allows cashiers to take X or Z reports for their sales information. It can also be used for displaying the time.
FLASH: Displays department total, sales total, and a cash-in-drawer amount
X: Reading of totals / RA and PO functions are enabled
Z: Reading and resetting of Reports/Programming Mode

**Enhanced Report Function**
The FLASH mode allows you to confirm your sales information easily. Users can confirm the data on the display at the instant they want it. In addition, four report printings including all-item report, PLU report, four-clerk report, and hourly report are available. In the X2/Z2 mode, periodical reports are provided for easy analysis of customer trends.

## Reports in a Flash
By simply turning the key to the Flash mode and pressing one key, the store manager can get a quick look at the day's sales. The Flash report can quickly display sales totals by department or for the whole store, as well as the amount of cash in the drawer.

## Preprogrammed for Easy Setup
The ER-A170 has been pre-programmed at the factory to minimize setup time. Five departments are preset for taxable items. 100 standard PLUs (max. 200) are set up for subdepartment open entry.

## Up to 10 Departments
The ER-A170's five departments are expandable to 10, and can be preset for quick unit pricing, registering positive or negative items, and fast single-item cash sales.

## Up to 200 PLUs
The ER-A170 offers the convenience of automatic pricing for faster check-out and greater pricing accuracy.

## Two Types of TAX Tables and Two Percent Keys
A choice of two preprogrammed tax rates enables instant, accurate tax calculation. Manual calculation is also available for specific tax calculations. Two percent keys are available for fixed-rate markups or discounts. Each key can be operated both for item percent and subtotal percent.

## Clerk Code Entry Key
A clerk code entry key allows entry of up to four clerks through codes, clearly differentiating each clerk's daily activities.

## Other Features
- Automatic function key for one-touch recall of up to 20 key sequences
- Combined payments of Cash, Check and Charge are easily handled
- Refund key for merchandise returns
- Discount key for control of bottle returns, coupons, and discounts
- Paid-out and Received-on-account functions
- Three void functions — Last Item Void, Past Item Void, and Subtotal Void

- HALO (High Amount Lock Out) feature for Departments, Discounts, Manual Tax, Check, Charge, RA, and PO
- Non-add code entry function
- Battery back-up for memory protection
- Two-ply paper roll printing
- Cash drawer with 5 coin and 5 bill compartments

## Specifications

| Display | |
|---|---|
| Type | 7-segment green fluorescent display |
| Amount | 7 digits |
| Symbol | 1 digit |
| Repeat | 1 digit |
| Department | 2 digits |
| PLU | 3 digits |

| Printer | |
|---|---|
| Type | 1-sheet, drum type |
| Printing speed | Approx. 3.0 lines/sec. |
| Printing digits | 12 digits |
| Paper width | 2 $^1/_4$" ± $^1/_{32}$" (57.5±0.5mm) |
| Paper roll diameter | Max. 3 $^7/_{32}$" (80mm) |

| Totalizing capacity | |
|---|---|
| Grand total | 12 digits |
| Other totals | 8 digits |

| Drawer | |
|---|---|
| Bill | 5 compartments |
| Coin | 5 compartments |

| | |
|---|---|
| Components | LSI, etc. |
| Recommended temperature | 32°F - 104°F (0°C - 40°C) |
| Dimensions (W x D x H) | 16 $^{19}/_{32}$" x 16 $^{25}/_{32}$" x 10 $^5/_{32}$" (420 x 426 x 258mm) |
| Weight | 25.4 lbs. (11.5kg) |
| Power supply | Official (normal) voltage and frequency |
| Power consumption | 19W (max.), 8W (standby) |

Design and specifications are subject to change without notice.

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