

Using Dual Cash Drawers with a Splitter



The following document will cover setting up dual cash drawers using a splitter. It will also cover how to setup Cash Register Express to work with the splitter as well as how employees need to be configured to select which cash drawer they will use at the start of their shift.

Connecting Hardware



PN: CD-D-D1D2EP



PN: 522125

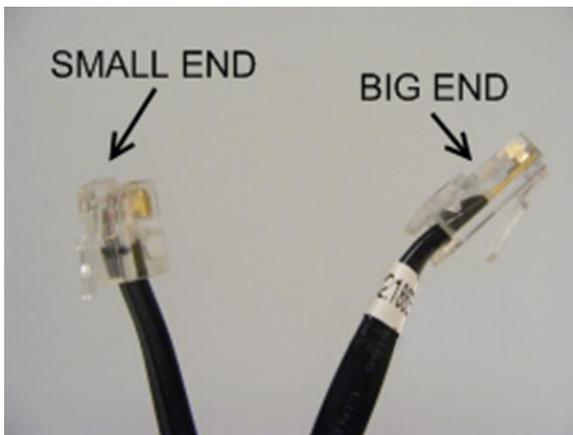
1. In order to connect two cash drawers to your system you will need a cash drawer splitter cable (pictured left). The part number for the first splitter cable is **CD-D-D1D2EP**.

The **CD-D-D1D2EP** splitter **requires both type A and B** cash drawer cables.

The second splitter part number is **522125**.

The **522125** splitter uses **only type A** cash drawer cables.

See below to learn the model #s for the cables that are compatible with different receipt printers.



2. You will also need two APG cash drawer cables with either set of the following part numbers (pictured left):

For TPG, HP OPOS Printers:

- CD-001A
- CD-001B

Note: One of each of the above cables is required.

For EPSON Printers:

- CD-005A
- CD-005B

Note: One of each of the above cables is required.

Note: If there is a single drawer station (not using a splitter), EPSON printers can use P/N CD-001A.

For Epson, TPG, HP & OPOS:

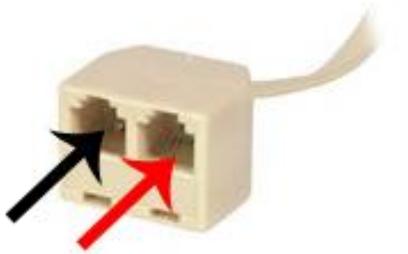
- CD-101A
- CD-101B

Note: One of each of the above cables is required.

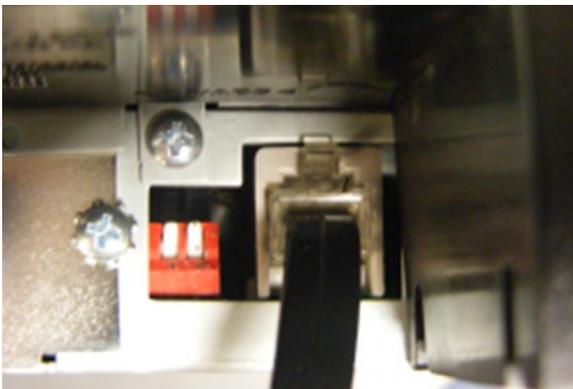
Note: Cables **CD-001B**, **CD-005B**, **CD-101B** will **NOT** work with the **522125** splitter.



3. Plug the larger end of the cash drawer cables into your cash drawers.



4. Plug the smaller end of the cash drawer cables into the cash drawer splitter cable.



5. Finally plug the other end of the cash drawer splitter cable into the receipt printer you are using.

CRE/RPE Configuration - Non-OPOS Devices

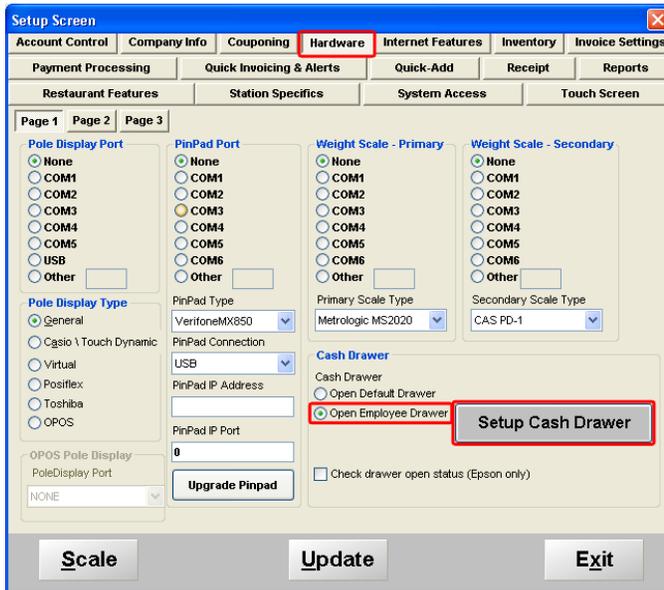


Manager



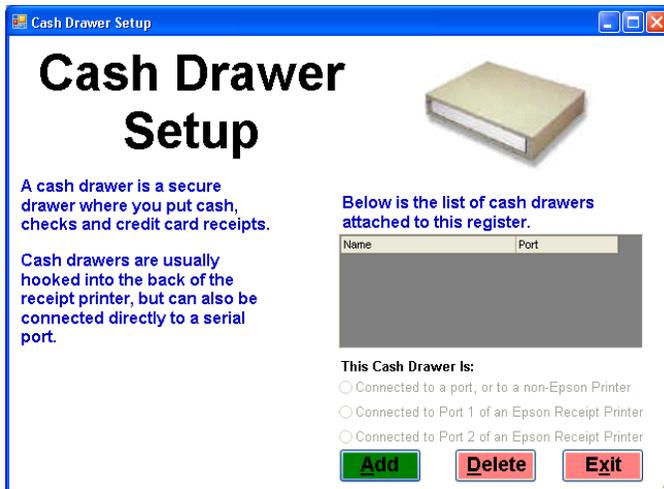
Options

1. Open CRE/RPE.
2. Select the **Manager** or **Options** button.
3. Enter the administrator password (default: admin) where applicable.
4. Select **Setup** then, **Setup Screen**.



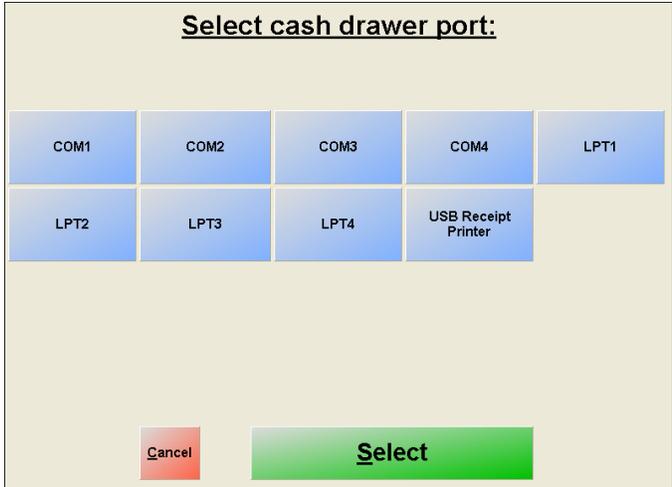
The screenshot shows the 'Setup Screen' window with the 'Hardware' tab selected. The 'Cash Drawer' section is highlighted with a red box, and the 'Open Employee Drawer' radio button is selected. A 'Setup Cash Drawer' button is also visible in this section. Other sections include Pole Display Port, PinPad Port, Weight Scale, and OPOS Pole Display.

6. Select the **Hardware** tab.
7. Select **Open Employee Drawer**.
8. Select **Setup Cash Drawer**.



The screenshot shows the 'Cash Drawer Setup' window. It features a title bar, a large heading 'Cash Drawer Setup', and an image of a cash drawer. Below the heading, there is explanatory text about cash drawers. A table lists attached cash drawers with columns for 'Name' and 'Port'. Below the table, there is a section titled 'This Cash Drawer is:' with three radio button options for connection types. At the bottom, there are three buttons: 'Add', 'Delete', and 'Exit'.

9. Select **Add**.

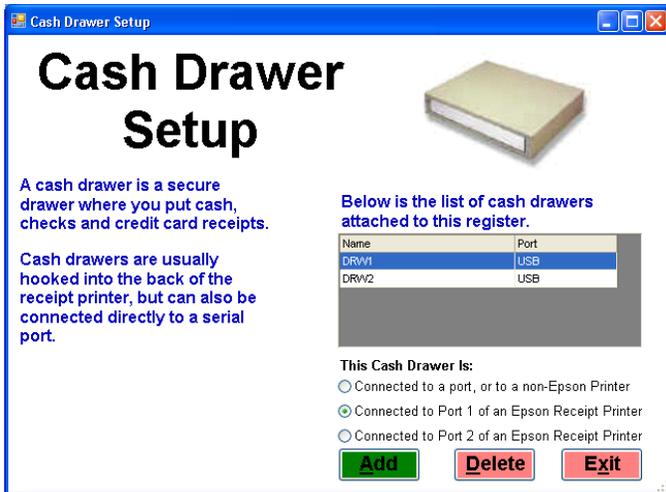


10. Select the port that the cash drawer is connected to (e.g. USB Receipt Printer).



11. Type in a name for this cash drawer (e.g. DRW1).

Note: You will need to repeat steps 9 through 11 for the second drawer, making sure to select the same port but give it a different name (e.g. DRW2).



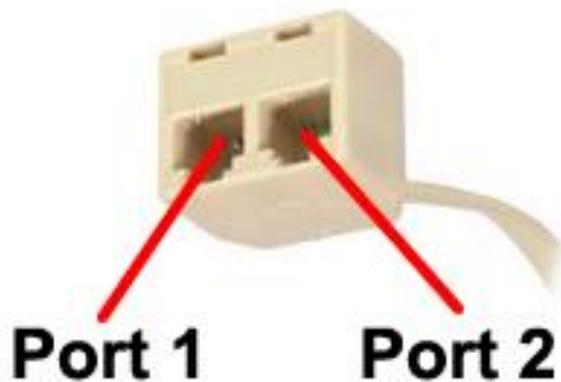
12. You will then see a list of the drawers that we just created (top left).

13. We will then select the first drawer in the list (DRW1), under **This Cash Drawer Is:** select **Connected to Port 1 of an Epson Receipt Printer***.

14. We will then select the second drawer in the list (DRW2), under **This Cash Drawer Is:** select **Connected to Port 2 of an Epson Receipt Printer***.

* Using the diagram on the bottom left we can determine which port to select for the cash drawer.

15. When finished select **Exit** and then **Update** at the setup screen.



CRE/RPE Configuration - OPOS Devices

Manager

Options

1. Open **CRE/RPE**.
2. Select the **Manager** or **Options** button.
3. Enter the administrator password (default: admin) where applicable.
4. Select **Setup** then, **Setup Screen**.

Setup Screen

Account Control Company Info Couponing **Hardware** Internet Features Inventory Invoice Settings

Payment Processing Quick Invoicing & Alerts Quick-Add Receipt Reports

Restaurant Features Station Specifics System Access Touch Screen

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Pole Display Port
 None
 COM1
 COM2
 COM3
 COM4
 COM5
 USB
 Other

PinPad
 None
 COM1
 COM2
 COM3
 COM4
 COM5
 COM6
 Other

Weight Scale - Primary
 None
 COM1
 COM2
 COM3
 COM4
 COM5
 COM6
 Other

Weight Scale - Secondary
 None
 COM1
 COM2
 COM3
 COM4
 COM5
 COM6
 Other

Pole Display Type
 General
 Sharp / Touch Dynamic
 Virtual(Classic)
 Posiflex
 Toshiba
 OPOS
 Virtual(New)

OPOS Pole Display
PoleDisplay Port
NONE

PinPad Type
None

PinPad Connection
Serial

PinPad IP Address
PinPad IP Port
0

Primary Scale Type
CAS PD-1 or PD-2

Secondary Scale Type
CAS PD-1

Cash Drawer (Requires Timeclock)
Cash Drawer
 Open Default Drawer
 Open Employee Drawer

Setup Cash Drawer

Check drawer open status (Epson TM-T88 only)
 Use alternate cash drawer status check

Scale Update Exit

5. Select the **Hardware** tab.
6. Select **Open Employee Drawer**.
7. Select **Setup Cash Drawer**.

Cash Drawer Setup

Cash Drawer Setup

A cash drawer is a secure drawer where you put cash, checks and credit card receipts.

Cash drawers are usually hooked into the back of the receipt printer, but can also be connected directly to a serial port.

Below is the list of cash drawers attached to this register.

Name	Port

This Cash Drawer Is:

Connected to a port, or to a non-Epson Printer
 Connected to Port 1 of an Epson Receipt Printer
 Connected to Port 2 of an Epson Receipt Printer

Add Delete Exit

8. Select **Add**.

Select cash drawer port:

COM1	COM2	COM3	COM4	LPT1
LPT2	LPT3	LPT4	USB Receipt Printer	OPOS:Microsoft CashDrawer Simulator
OPOS:A776-1	OPOS:A776-2	OPOS:A794-1	OPOS:A794-2	OPOS:A798-1
OPOS:A798-2	OPOS:A799-1	OPOS:A799-2	OPOS:CRECD	OPOS:CRECD2

- For OPOS devices we will select the port that each cash drawer is connected to (e.g. for Port 1 we will select **OPOS:CRECD**, for port 2 we will select **OPOS:CRECD2**).

Enter cash drawer name (ex: CD1, FrontReg)

DRW1

1	2	3	4	5	6	7	8	9	0	-
Q	W	E	R	T	Y	U	I	O	P	
A	S	D	F	G	H	J	K	L	:	
Z	X	C	V	B	N	M	,	.	/	
Shift	SPACE							ENTER		

- Type in a name for this cash drawer (e.g. DRW1).

Note: You will need to repeat steps 8 through 10 for the second drawer, making sure to select the corresponding port and giving it a different name (e.g. DRW2).

Cash Drawer Setup

Cash Drawer Setup



A cash drawer is a secure drawer where you put cash, checks and credit card receipts.

Cash drawers are usually hooked into the back of the receipt printer, but can also be connected directly to a serial port.

Below is the list of cash drawers attached to this register.

Name	Port
DRW1	OPOS:CRECD
DRW2	OPOS:CRECD2

This Cash Drawer Is:

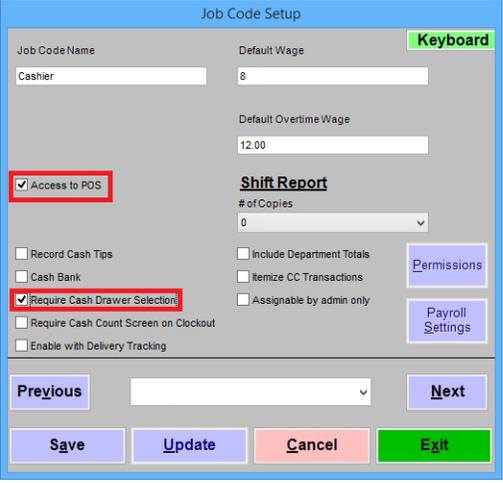
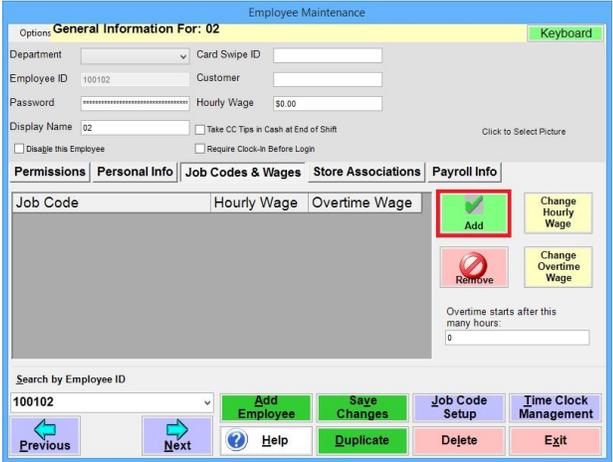
Connected to a port, or to a non-Epson Printer

Connected to Port 1 of an Epson Receipt Printer

Connected to Port 2 of an Epson Receipt Printer

- You will then see a list of the drawers that we just created (top left).
- We will then select the first drawer in the list (DRW1), under **This Cash Drawer Is:** select **Connected to a port, or to a non-Epson Printer**
- We will then select the second drawer in the list (DRW2), under **This Cash Drawer Is:** select **Connected to a port, or to a non-Epson Printer**.
- When finished select **Exit** and then **Update** at the setup screen.

Employee Setup for Selecting Drawers

 <p style="text-align: center;">Manager</p> <p style="text-align: center;">Options</p>	<ol style="list-style-type: none"> 1. Open CRE/RPE. 2. Select the Manager or Options button. 3. Enter the administrator password 4. Select Administrator then, Employee Maintenance. 																																										
 <p>Employee Maintenance Option: General Information For: 100101 Keyboard</p> <p>Department: [dropdown] Card Swipe ID: [input] Employee ID: 100101 Customer: [input] Password: [input] Hourly Wage: \$0.00</p> <p>Display Name: [input] <input type="checkbox"/> Take CC Tips in Cash at End of Shift Click to Select Picture <input type="checkbox"/> Disable this Employee <input type="checkbox"/> Require Clock-In Before Login</p> <p>Permissions Personal Info Job Codes & Wages Store Associations Payroll Info</p> <p>Functionality: Page 1 Page 2 Page 3</p> <table border="1"> <tr> <td>Inventory</td> <td>Invoice Discounts</td> <td>Prompt</td> <td>End Transactions</td> <td>Prompt</td> <td>Redeem Gift Cards</td> <td>Prompt</td> </tr> <tr> <td>Customers</td> <td>Invoice Price Changes</td> <td>Prompt</td> <td>Hold & Print</td> <td>Prompt</td> <td>Sell Special Items</td> <td>Prompt</td> </tr> <tr> <td>Reports</td> <td>Delete Items</td> <td>Prompt</td> <td>Open Cash Drawer</td> <td>Prompt</td> <td>Vendor Payouts</td> <td>Prompt</td> </tr> <tr> <td>Setup</td> <td>Void Invoices</td> <td>Prompt</td> <td>Sell Non-Inventory</td> <td>Prompt</td> <td>Buybacks</td> <td>Prompt</td> </tr> <tr> <td>Restaurant</td> <td>Allow Exit</td> <td>Prompt</td> <td>Tax Exempt Invoice</td> <td>Prompt</td> <td>Force Credit Cards</td> <td>Prompt</td> </tr> <tr> <td>Handheld</td> <td>Returns</td> <td>Prompt</td> <td>Sell Gift Cards</td> <td>Prompt</td> <td>Charge Below Floor</td> <td>Prompt</td> </tr> </table> <p><input type="checkbox"/> Log as Exception</p> <p>Search by Employee ID: 100101 The ability to do invoice and line discounts</p> <p> Previous Next Help Add Employee Save Changes Job Code Setup Time Clock Management Duplicate Delete Exit </p>	Inventory	Invoice Discounts	Prompt	End Transactions	Prompt	Redeem Gift Cards	Prompt	Customers	Invoice Price Changes	Prompt	Hold & Print	Prompt	Sell Special Items	Prompt	Reports	Delete Items	Prompt	Open Cash Drawer	Prompt	Vendor Payouts	Prompt	Setup	Void Invoices	Prompt	Sell Non-Inventory	Prompt	Buybacks	Prompt	Restaurant	Allow Exit	Prompt	Tax Exempt Invoice	Prompt	Force Credit Cards	Prompt	Handheld	Returns	Prompt	Sell Gift Cards	Prompt	Charge Below Floor	Prompt	<p>It is recommended to use the option Require Clock-In Before Login, for all of your employees as they will not be prompted to select the cash drawer until after they have clocked in.</p> <ol style="list-style-type: none"> 5. Select Job Code Setup.
Inventory	Invoice Discounts	Prompt	End Transactions	Prompt	Redeem Gift Cards	Prompt																																					
Customers	Invoice Price Changes	Prompt	Hold & Print	Prompt	Sell Special Items	Prompt																																					
Reports	Delete Items	Prompt	Open Cash Drawer	Prompt	Vendor Payouts	Prompt																																					
Setup	Void Invoices	Prompt	Sell Non-Inventory	Prompt	Buybacks	Prompt																																					
Restaurant	Allow Exit	Prompt	Tax Exempt Invoice	Prompt	Force Credit Cards	Prompt																																					
Handheld	Returns	Prompt	Sell Gift Cards	Prompt	Charge Below Floor	Prompt																																					
 <p>Job Code Setup Keyboard</p> <p>Job Code Name: Cashier Default Wage: 8 Default Overtime Wage: 12.00</p> <p><input checked="" type="checkbox"/> Access to POS</p> <p><input type="checkbox"/> Record Cash Tips <input type="checkbox"/> Cash Bank <input checked="" type="checkbox"/> Require Cash Drawer Selection</p> <p><input type="checkbox"/> Require Cash Count Screen on Clockout <input type="checkbox"/> Enable with Delivery Tracking</p> <p><input type="checkbox"/> Include Department Totals <input type="checkbox"/> Itemize CC Transactions <input type="checkbox"/> Assignable by admin only</p> <p>Shift Report: # of Copies: 0</p> <p> Previous Next Save Update Cancel Exit </p>	<ol style="list-style-type: none"> 6. For the job code you have in your system make sure that Access to POS and Require Cash Drawer Selection is also checked. Be sure to save your changes. 																																										
 <p>Employee Maintenance Option: General Information For: 02 Keyboard</p> <p>Department: [dropdown] Card Swipe ID: [input] Employee ID: 100102 Customer: [input] Password: [input] Hourly Wage: \$0.00</p> <p>Display Name: 02 <input type="checkbox"/> Take CC Tips in Cash at End of Shift Click to Select Picture <input type="checkbox"/> Disable this Employee <input type="checkbox"/> Require Clock-In Before Login</p> <p>Permissions Personal Info Job Codes & Wages Store Associations Payroll Info</p> <table border="1"> <thead> <tr> <th>Job Code</th> <th>Hourly Wage</th> <th>Overtime Wage</th> <th></th> </tr> </thead> <tbody> <tr> <td></td> <td></td> <td></td> <td> <input checked="" type="checkbox"/> Add <input type="checkbox"/> Remove Change Hourly Wage Change Overtime Wage </td> </tr> </tbody> </table> <p>Overtime starts after this many hours: 0</p> <p>Search by Employee ID: 100102</p> <p> Previous Next Help Add Employee Save Changes Job Code Setup Time Clock Management Duplicate Delete Exit </p>	Job Code	Hourly Wage	Overtime Wage					<input checked="" type="checkbox"/> Add <input type="checkbox"/> Remove Change Hourly Wage Change Overtime Wage	<ol style="list-style-type: none"> 7. You can apply job codes to your employees by going to the Job Codes & Wages tab of Employee Maintenance and select Add. 																																		
Job Code	Hourly Wage	Overtime Wage																																									
			<input checked="" type="checkbox"/> Add <input type="checkbox"/> Remove Change Hourly Wage Change Overtime Wage																																								

Please Select the Job Code To Add For This Employee

Cashier

Cancel Select

8. Select the Job Code that has the option to **Require Cash Drawer Selection**.

Employee Maintenance

Options: **General Information For: 02** Keyboard

Department: [Dropdown] Card Swipe ID: [Input]
 Employee ID: 100102 Customer: [Input]
 Password: [Input] Hourly Wage: \$0.00
 Display Name: 02 [Input] Take CC Tips in Cash at End of Shift Click to Select Picture
 Disable this Employee Require Clock-In Before Login

Permissions Personal Info Job Codes & Wages Store Associations Payroll Info

Job Code	Hourly Wage	Overtime Wage	Add	Change Hourly Wage
1001Cashier	\$7.00	\$12.00	<input checked="" type="checkbox"/>	<input type="button" value="Change Hourly Wage"/>

Overtime starts after this many hours: [Input: 0]

Search by Employee ID: 100102 [Dropdown]

9. Enter the hourly & overtime wages for the employee if they are different from the job code.

10. Select **Save Changes**.

11. Select **Exit**.

Select your cash drawer:

DRW1 Register 01 DRW2 Register 01

Cancel Select

After your employee has clocked in and they are trying to login they will then be prompted to select a cash drawer.

For more information on Creating employees or Job Codes please go to:

- <http://faq.pcamerica.com/software/employees>