

ER-4141 Cash Drawer Instruction Sheet

A: Technical Parameter

1. Cash drawer parameter:

- Paper money slot: Adopt ABS plastic and you can adjust the number of paper money slot, using a powerful spring for paper money slot.
- Coin slot: room for storing coins, adjustable numbers of coin slots.
- Inlet for check deposit: room for checks and borrowing accountants.
- Front board: ER-4141 front board is produced with the adaptation of imported electrolytic and baking finish technology from South Korea.
- Use span: over one million times.
- Out design: Even if in an abnormal situation, the drawer can't be broken down from the outside as a whole because it equals to a safe.
- Locks: It provides a three-section open-close lock, supporting being opened by hand、electrical-driver as well as dead-lock function.
- Size: 410(width) x 416(length) x 110(height)mm
- Weight: Net weight 7kg; Raw weight 8kg
- Color: Standard: cream-colored, black, dark-grey
- Optional: Favorite color

2. Electrical index:

- Rated frequency range : 100-200ms
- Driving voltage: DC12-24V/1A

3. Using environment:

- Temperature: -10~40℃
- Relative humidity: 40~95%

B: Complete Set of Equipment

Names	Number
EC-E4141 Cash Drawer	one
Instruction	one
Driving connecting line	one
Keys	two
Coin box	one
Paper separating piece	three or four(optional)
Coin separating piece	eight
Paper money dip	four or five (optional)

C: How to Use Cash Drawer

1. Instructions for cash deposit

Both the size and the number of storing slot can be adjusted to your taste in cash deposit box. If you want to adjust it, you must carry out the operation of assemble adjustment for paper dips and separating pieces. The check gap in the front board of Cash Drawer provides a convenience of temporary storage for bills similar to checks. These bills will stay at the bottom of money deposit box after they are inserted through

the gap. When it comes to shifting account, you will get all the bills , only to take out the money deposit box.

2. Instructions for Structure

Equipment name	Instruction
Driving line	You may get driving signals to open the cash drawer from bill printer.
Paper money slot	The position of paper money slot can be adjusted according to your requirement.
Separating piece for paper money slot	Separate the fender of paper money. You may adjust the size and the number.
Coin deposit slot	The position of coin deposit slot can be adjusted according to the number of coin slot.
Separating pieces for coin deposit slot	Separate the fender of coin deposit. You may adjust the size and the number.
Three-position lock	The lock has three positions, “Open”, “Stand-by” and “Lock” position. Cash drawer is opened by “Key”, “Electric Signal” or “Close” respectively.
Check input gap	You may input checks and other bills through the gap to store them in the cash drawer.

3. How to unlock the cash drawer:

a) Using the key

Insert the corollary key into the keyhole then whirl to the manual-open position.

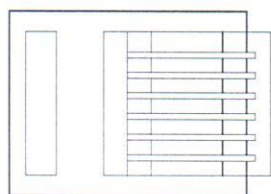
b) Electrical driving

Insert the corollary key into the hole and whirl to the electrical-open position. Then take out the key. Connect the driving line to the driving equipment, such as bill printer, customer-displaying screen, or driving card.

D: Hardware Input

1. Driving line input

6P Crystal head



- 1 ground wire
- 2 L- electromagnetic valve equipment, low voltage power
- 3 Cash drawer on/off signal
- 4 L+ +12V or +24V
- 5 not used
- 6 on/off signal ground wire

2. Drive of the cash drawer

The inner of the cash drawer is made up of an electromagnetic solenoid and transmission equipment. There are two ways to open the cash drawer, electrical and manual. For manual, user uses the key directly. For electrical, user sends the electric signal to the electromagnetic solenoid. Generally, it supports two electric voltages-----12V and 24V. However, there are many ways in electrical-driving operation, such as bill printer, customer-displaying screen and cash drawer card.

EC-E4141 钱箱 Cash Drawer 说明书 instruction book

一 技术 Technoical 参数 Parameter 说明

1、钱箱参数:

纸币槽 slot:	采用 ABS 塑料, 可自行调整纸币槽个数, 使用弹簧加力纸币夹
硬币槽:	存放硬币的位置, 可自行调整硬币槽个数
支票存放口:	支票、借记卡收据存放位置
前面板:	EC-E4141 钱箱前面板采用韩国进口电解板加烤漆工艺制成
使用寿命:	≥100 万次
外观设计:	保险箱设计, 异常情况下, 无法从外部完整打开钱箱
锁头:	提供三段式开关锁, 支持手工打开、电驱动打开、锁死功能
尺寸:	410 (宽) × 416 (长) × 110 (高) mm
重量:	净重 7kg 毛重: 8.0kg
颜色:	标准: 米色、黑色、深灰色
可选择:	指定的颜色

2、电气指标

额定脉冲宽度:	100~200ms
驱动电压:	DC12~24V/1A

3、使用环境

温度:	-10~40℃
相对湿度:	40~95%

二、 配套设备

名称	数量
EC-E4141 钱箱	1 台
钱箱说明书	1 本
驱动连接线	1 条
钥匙	2 把
硬币盒	1 个
纸币分隔片	3 个 (4 个可选)
硬币分隔片	8 个
纸币夹	4 个 (5 个可选)

三 钱箱使用

1、存币盒说明

存币盒内的存放槽可以根据需要调整大小与个数。如果需要调整时, 就要对纸币夹与分隔片进行装卸调整。

钱箱前面板的支票递缝是提供给一些类似支票的票据临时存放的。这些票据从递缝放进去以后, 将存放于存币盒的底部。等到交班结算时, 只要取出存币盒即可拿到票据。

2、结构说明

设备名称	说 明
驱动线	从票据打印机等设备上取得驱动信号来打开钱箱
纸币存放槽	存放纸币的位置，可根据需要自行调整纸币槽个数
纸币槽分隔片	隔开每个纸币位置的挡片，可根据需要自行调整槽的大小与个数
硬币存放槽	存放硬币的位置，可根据需要自行调整硬币槽个数
硬币槽分隔片	隔开存放硬币位置的挡片，可根据需要自行调整槽的大小与个数
三段式锁头	锁头上提供三个分段式位置，实现打开钱箱、电驱动钱箱、锁死功能
支票递缝	可从此把支票等票据递进钱箱内，实现存放目的。

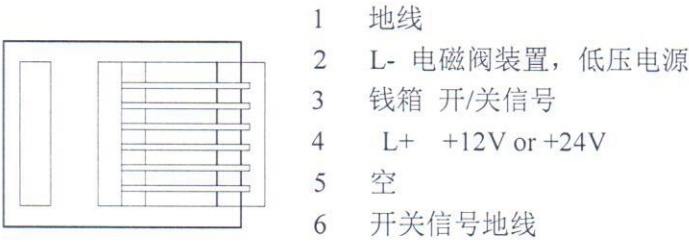
3、钱箱打开

- a) 钥匙打开：
使用配套的钥匙插入钥匙孔，旋转到手工打开位置，即可打开钱箱。
- b) 电驱动打开：
使用配套的钥匙插入钥匙孔，旋转至电驱动打开位置，然后钥匙就可以拔出来了；接着就可以把驱动线接口插到驱动设备上（如票据打印机、顾客显示屏、驱动卡等）。

四 硬件接口

1、驱动线接口

6P 水晶头



2、钱箱的驱动

钱箱内部是由一个电磁阀与传动装置组成的，所以可分为电动与手动两种打开方式。手动方式就是使用钥匙直接打开。电动方式就是发送电信号给电磁阀，一般电信号有 12V 和 24V 两种，这两种电压都可以使用。而电驱动打开钱箱的方法有很多，如票据打印机、顾客显示屏、钱箱卡等。