Cashflow SC66
Operation & Maintenance Manual

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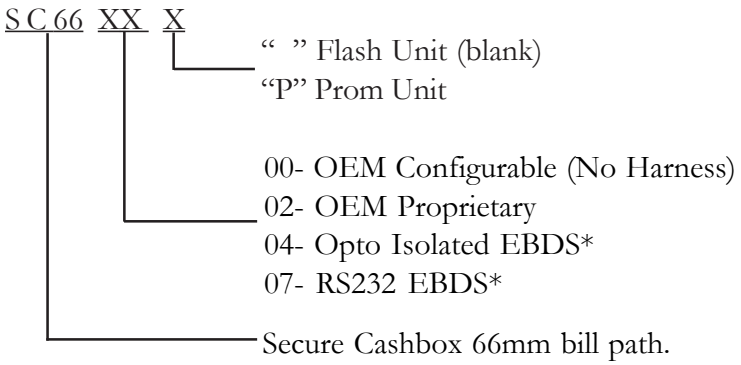
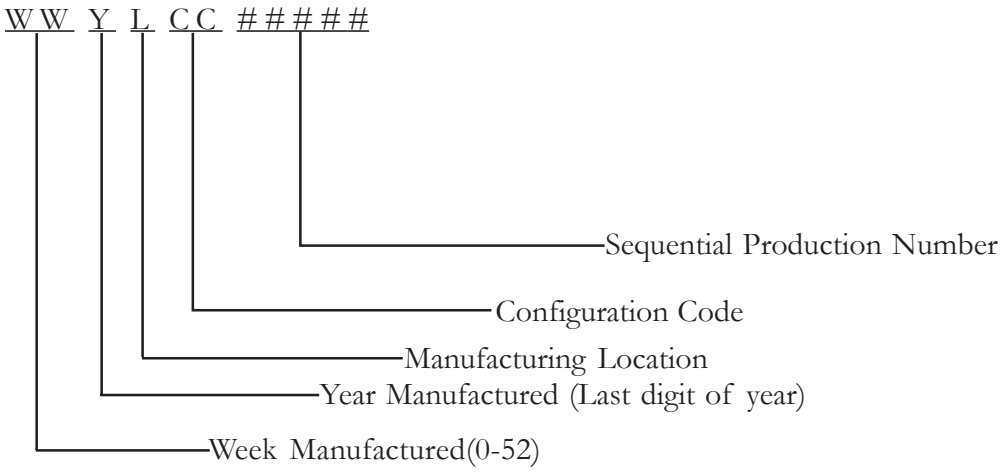
OVERVIEW

Model Number



** EBDS is a MEI protocol. EBDS stands for Extended bi-directional serial.*
Note: Other interfaces will also be supported.

Serial Number



OVERVIEW

Features

Accepter Module

Cashbox

Chassis

Features

1. LIGHT BAR
2. LENSED RECEIVER
3. CUSTOM BAR-CODE READER
4. 100 MHZ DSP PROCESSOR
5. EARLY BILL PICK-UP
6. SMOOTH SEALED BILL PATH
7. DIRECT ROLLER DRIVE
8. RIDGES MATE WITH ACCEPTOR
9. INTERNAL DIRECT ROLLER DRIVE ELEVATOR
10. SHORT BILL PATH
11. DURABLE WELDED PLASTIC EXTERIOR
12. RECESSED PLASTIC GEARS
13. DUAL LOCK CAPABILITY
14. COMMON ACCEPTOR MODULES
15. PC STYLE EDGE CONNECTOR INTERFACE CARDS
16. ACCEPTOR RELEASE LATCH
17. BILL PATH RELEASE
18. DISPUTE RESOLUTION WINDOW
19. BILL ENTRY GUIDE & POWER MOUNTING
20. CONFIGURATION BUTTON
21. DIAGNOSTIC LEDS
22. USB SERVICE PORT
23. ACCEPTOR USER INTERFACE
24. FLEXIBLE HANDLE
25. PASSIVE CASHBOX LATCHES

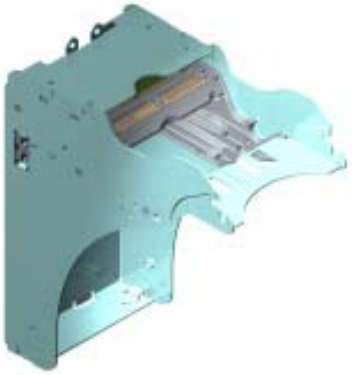
OVERVIEW

Main Components of the Cashflow SC66 Bill Acceptor

The SC66 consists of three main components

Cashbox/LRC

Acceptor Module



Chassis

The Acceptor Module and Cashbox are interchangeable with other identical SC66 models.

Bill Entry Guides for the SC66

Not all bill entry guides fit in every machine. Your choice regarding bill entry guides will depend on machine specifications. Below are two bill entry guides that we currently manufacture. For customers who prefer to tool their own bill entry guide, please contact our technical department.

Platform Bill Entry Guide

Universal Bill Entry Guide

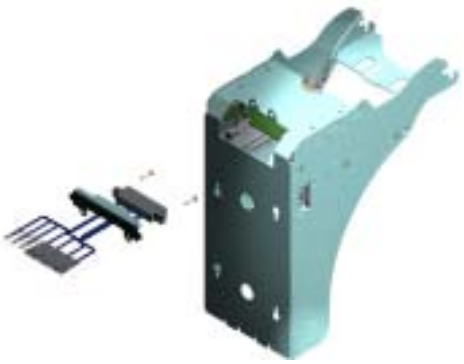
Power Requirements

Standby:	10 Watts
Acceptance:	Peak 30 Watts
Stacking: Peak:	70 Watts
Input Voltage:	+12-28 VDC

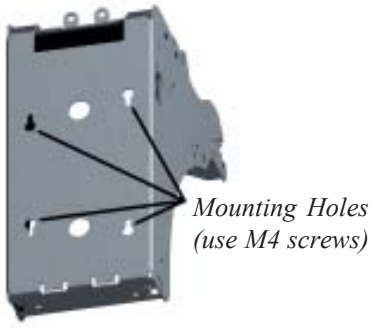
INSTALLATION

*Note: **Always power down machine prior to Installation.***
The cashbox does not lock to the chassis. When you remove the unit from the container or when the unit is not installed in the machine, you must never carry the bill acceptor by the handle of the cashbox. The cashbox may release causing the rest of the unit to fall and damage the chassis.

Installing The Chassis

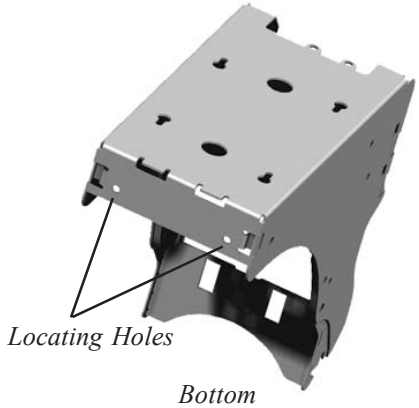


• Most models have a configuration-specific cable installed on the back of the chassis (see Interface Manual 002850103 for more details). Connect the cable from the chassis to the machine. Always dress all wires to avoid interference with any equipment operation.



Back

Side



Bottom

Note: If you have a custom configuration, you may need to contact our technical support group for assistance.

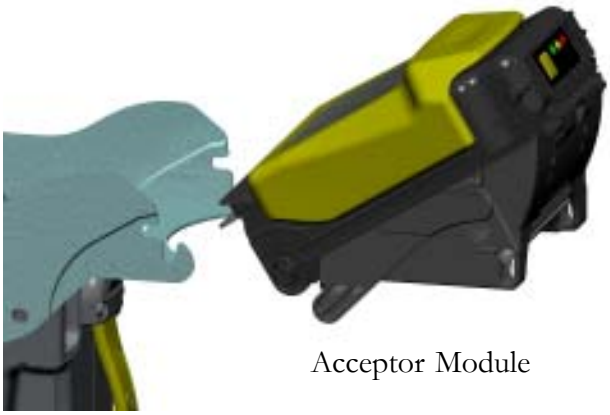
• Once the connections are made, you will need to line up the locating holes on the bottom of the chassis with the machine's locating pins. Then line up the mounting screw holes and insert M4 screws through as many of the 10 mounting holes. There are three on each side of the chassis and four located on the back. Leave screws slightly loose until the bezel is mounted and aligned with the machine door closed. Screws must not exceed a 6mm depth through the mounting plate, otherwise they may interfere with the removable cashbox.

INSTALLATION

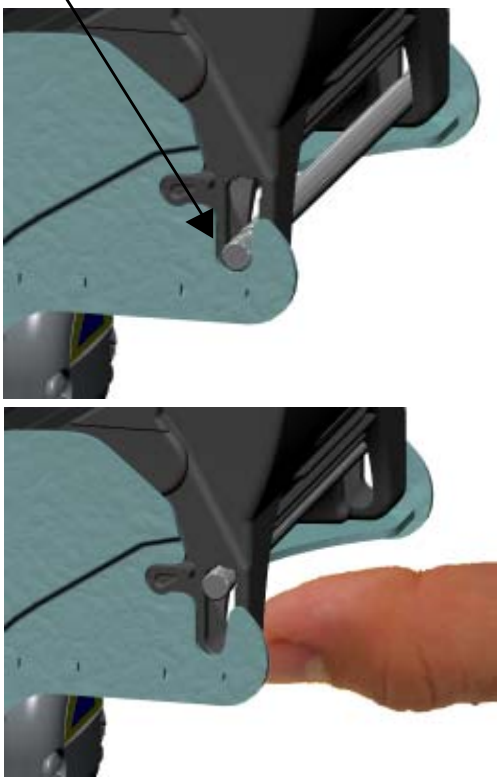
Inserting And Removing the Acceptor Module

- Insert the Acceptor Module so that the release lever locks into place.

- To remove the unit, pull upwards on the release lever located on the front of the Acceptor Module and pull away from the chassis.



Acceptor Module

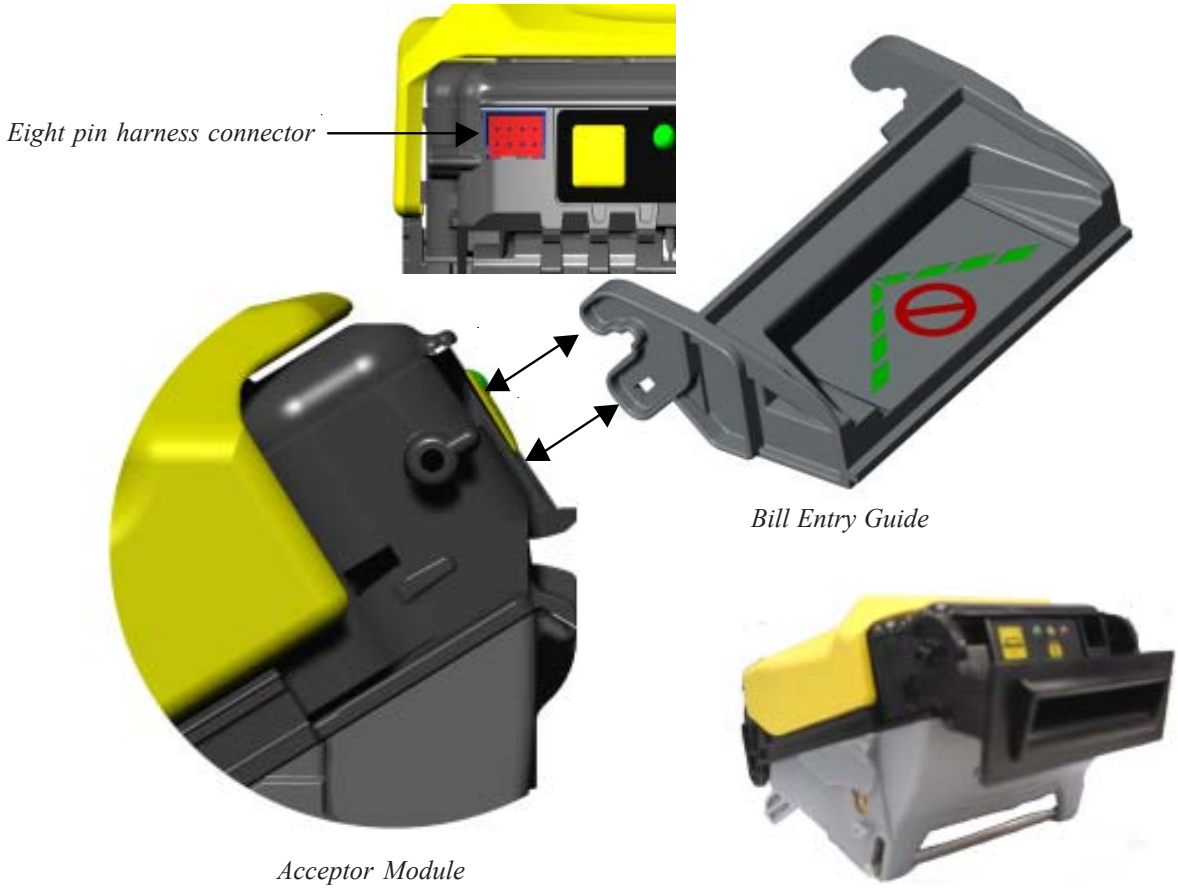


INSTALLATION

Installing A Bill Entry Guide

• To install a bill entry guide, just slide it onto the Acceptor Module until it locks into place. No screws are required. If the bill entry guide has lights, you will have to first connect the harness from the bill entry guide to the eight pin connector located on the left hand side of the face of the Acceptor Module.

• Make sure that the bill entry guide is aligned so the machine door closes properly.



• Once the bill entry guide is aligned properly, remember to go back and tighten the screws on the chassis (refer back to Chassis installation instructions).

• To remove a bill entry guide, slide a flat head screwdriver between the bill entry guide and the acceptor module.
(as shown in the diagram on the right)

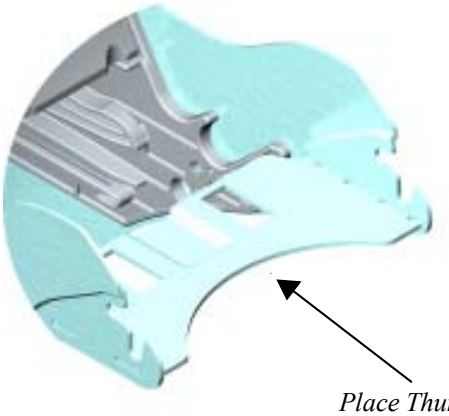
INSTALLATION

Installing The Cashbox

• With the chassis mounted securely to the machine, you may now insert the cashbox into the chassis. The cashbox has slots on both sides that will guide it into the chassis. When you insert the cashbox, you will feel some resistance from the two springs inside the chassis. Make sure to insert the cashbox all the way in so that the rear of the cashbox is flush against the chassis wall.

Removing the Cashbox

• When the bill acceptor is installed in a machine, you just need to grab the yellow strap on the cashbox and pull firmly to release it. The cashbox does not lock on to the Chassis.



Place Thumb Here

• To remove the cashbox when the unit is not installed, grab on to the yellow handle and place your thumb on the chassis were indicated in this diagram. Placing your thumb at this location will give you sufficient leverage to remove the cashbox.

INSTALLATION

Installing Locks On The Cashbox

The cashbox may be fitted with either one or two security locks. The product is designed to accept locks from a range of manufacturers including: -

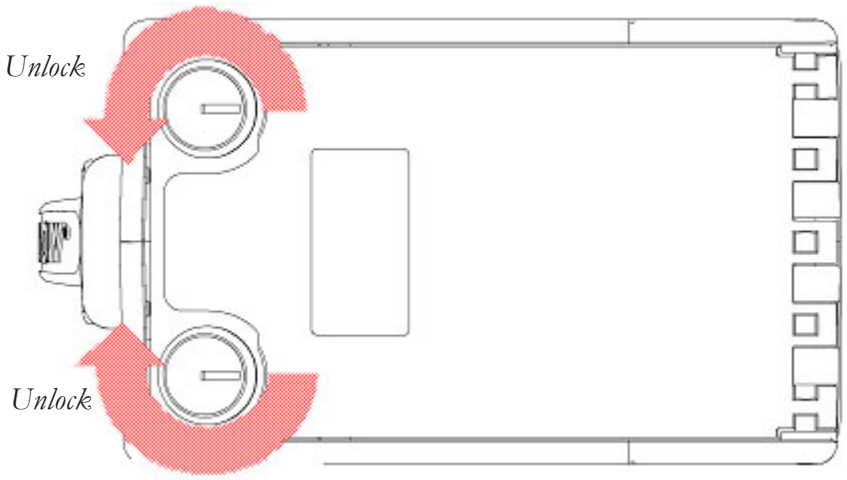
Medeco
Kaba
Abiloy
VSR
Miwa
Duo

Standard 5/8" and 1-1/8" formats are supported. There is a significant variety of lock designs, and spacer washers may be required for some lock types. Two locking hasps are shipped with every cashbox. Contact MEI for cashbox lock specifications.

Locks vary greatly in price, security, keying policies, etc. The customer is responsible for selecting a lock with performance that is fit for the intended purpose. MEI does not test or endorse any specific brand of lock for security characteristics.

When only one lock is used, the remaining blank hole does not give access to the contents of the cashbox. However, some jurisdictions may require a blanking plug. Contact MEI for assistance in obtaining a suitable plug.

When two locks are installed, they must rotate in opposite directions. See the figure below.



Bottom View of Cashbox

UPDATING SOFTWARE

There are two ways of updating the software of a Cashflow SC66 bill acceptor.*

1) Via a hand held device called the cashflow Portable Programming Module (PPM).
2) By replacing the programmed PROM (Chip Change).*

Portable Programming Module

CONNECTING THE PPM TO THE CASHFLOW SC66

1. Locate the two USB ports located on the top of the Cashflow Programming Module (See fig. 1 below).

2. Plug the type A end of your USB cable to the USB type A port of the **PPM**. Plug the type B end of the same USB cable into the USB type B port of the **Cashflow SC66.** (see fig.2).

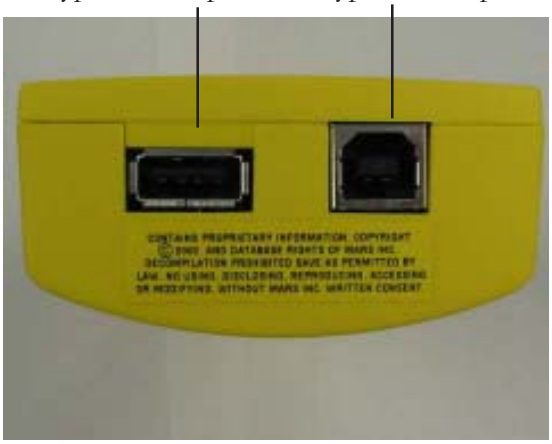


fig.1 (PPM)

fig.2

Note: Once you install a PROM (chip), the bill acceptor can no longer be programmed by the Programming module (PPM). Once a prom is installed, the bill acceptor disables the ability for the programing module (PPM) to communicate with the bill acceptor. Future software changes will have to be made by replacing the PROM (chip change) only.

UPDATING SOFTWARE

PPM DOWNLOADING PROCEDURE

1. After connecting the PPM to the Cashflow SC66 via the USB interface (refer to previous page illustration), you are now ready to start the download procedure.

2. Press the square download button located on the front of the PPM. (see fig.2 on previous page)

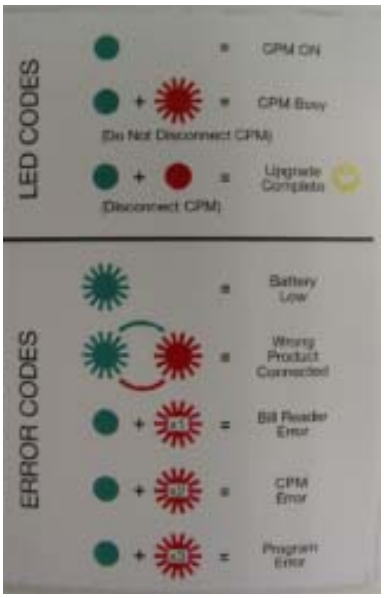
3. When downloading, the PPM will have a solid green and a flashing red LED, indicating the PPM is busy. Once the dowload is complete, the LED on the PPM will change to solid green and a solid red, indicating a successful download. The bill acceptor will perform a run and stack and the the LEDs on the PPM will turn off.

4. Disconnect the USB harness from the Cashflow SC66 once the LEDs on the PPM are off.

5. Once dowload is complete, the Cashflow SC66's diagnostic LEDs will flash five times green continuously until communication between the bill acceptor and the machine is re-established.

Diagnostic Codes For The PPM

Led Codes:	solid green	= PPM on
	solid green + flashing red	= PPM busy
	solid green + solid red	= upgrade complete
Error Codes:	flashing green	= battery low
	alternating flashing green and red	= wrong product connected
	solid green + flashing red 1 time	= bill reader error
	solid green + flashing red 2 times	= PPM error
	solid green + flashing red 3 times	= program error



UPDATING SOFTWARE

Replacing the programmed PROM (Chip Change)

Note: Once you remove the programmed PROM(perform a chip change),the bill acceptor can no longer be programmed by the Programming module (PPM). Once a PROM is inserted or removed, the bill acceptor disables the ability for the programing module (PPM) to communicate with the bill acceptor. Future software changes can only be made by replacing the PROM (chip change).

1. Remove the acceptor module from the chassis. (Instructions on how to remove it are on page 8).

acceptor module

2. Open the acceptor module.

3. Release the yellow cover from the left and the right front corner of the acceptor module. Lift the clip on both sides.

4. Once the yellow cover is released in the front, slide it back and remove it.

5. You may now remove the PROM using a PLC puller.

Replacing the programmed prom (Continued).

Replacing the yellow cover

Note: To install the yellow cover, the acceptor module must remain open.

6. To re-install the yellow cover, align the cover back to the position shown below.

7. Once in position, move the yellow cover forward (as if you were opening the acceptor module) untill the cover locks into place.

8. Close the acceptor module and re-install it into the chassis.

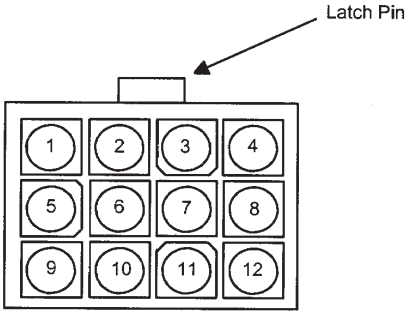
9. If the power is on, the unit will power up and perform a run and stack.

HARNESSING AND CONNECTORS

EBDS Interface Pin Out

Note: Some SC66 units will come with connectors that are "OEM-Specific." Please refer to the host machine manual for pinout and connector information.

Cashflow SC66 bill acceptors with an EBDS Interface will have a cable with a 12 Pin Connector.



12 Pin Chassis Docking Station Connector (End View)

SC6607 RS232 EBDS version

Connector Pin #	Wire Color	Signal	P2 pin
1	White	Cassette present	10
2	Gray	Bezel LED drive	12
3	Red	———	
4	Yellow	Out of Service	11
5	Blue	Ground[2]	D & H
6	Pink	RS232 EBDS RXD[1]	L
7	Black	Power - [2]	2 & B
8	Purple	LED Supply	9
9	Brown	———	
10	Orange	———	
11	Green	Power +	1 & A
12	Tan	RS232 EBDS TXD[1]	K

NOTES: [1] RXD refers to input to Bill Acceptor. TXD is an output.
[2] Pins 7 and 5 are tied with a loop of wire in back of the 12pin connector.

SC6604 Opto Isolated EBDS version

Connector Pin #	Wire Color	Signal	P2 pin
1	White	Aux A	14
2	Gray	LED -	12
3	Red	V opt	7
4	Yellow	V ret	3
5	Blue	Ground[2]	D & H
6	Pink	Isolated Reset	6
7	Black	Aux B	15
8	Purple	LED +	8
9	Brown	Isolated TXD	4
10	Orange	Isolated RXD	5
11	Green	Power +	1 & A
12	Tan	Power -	2 & B

NOTES: [1] RXD refers to input to Bill Acceptor. TXD is an output.
[2] Pins 12 and 5 are tied with a loop of wire in back of the 12pin connector.

COUPON

COUPON CONFIGURATION INSTRUCTIONS

1. Paper copies of this Manual will have a usable coupon on the next page. Electronic copies of the coupon are usable if your printer does not distort any areas of the coupon. Copies of the coupon are usable if cut to match the size of the coupon on the next page.

2. Fill out the coupon using a #2 pencil to fill in the circle for the desired options. For correct operation, all 10 lines must be completed. Fill in only one circle per line. Do not mark the back of the coupon.

3. Complete lines 1 thru 7 to enable desired bill denominations. Fill in one circle for each denomination. Line 8 voucher - allows you to enable/disables the acceptance of vouchers (also know as bar code tickets) should your unit be programmed to accept them. Line 9 Aux - enable/disables the use of the second serial port (Certain applications use the second serial port to communicate to the gaming player tracking systems). Complete line 10 to enable desired bill direction. Enable 1 or 2 way face up, or 4 way acceptance (which allows acceptance in all directions).

Once the coupon has been filled out properly,

4. Press and hold the MMI button for a second. Upon releasing the button, the Green and Yellow LED will start to flash.

5. Insert the coupon.

ACCEPTED: If the coupon is accepted, the green LED will flash rapidly.

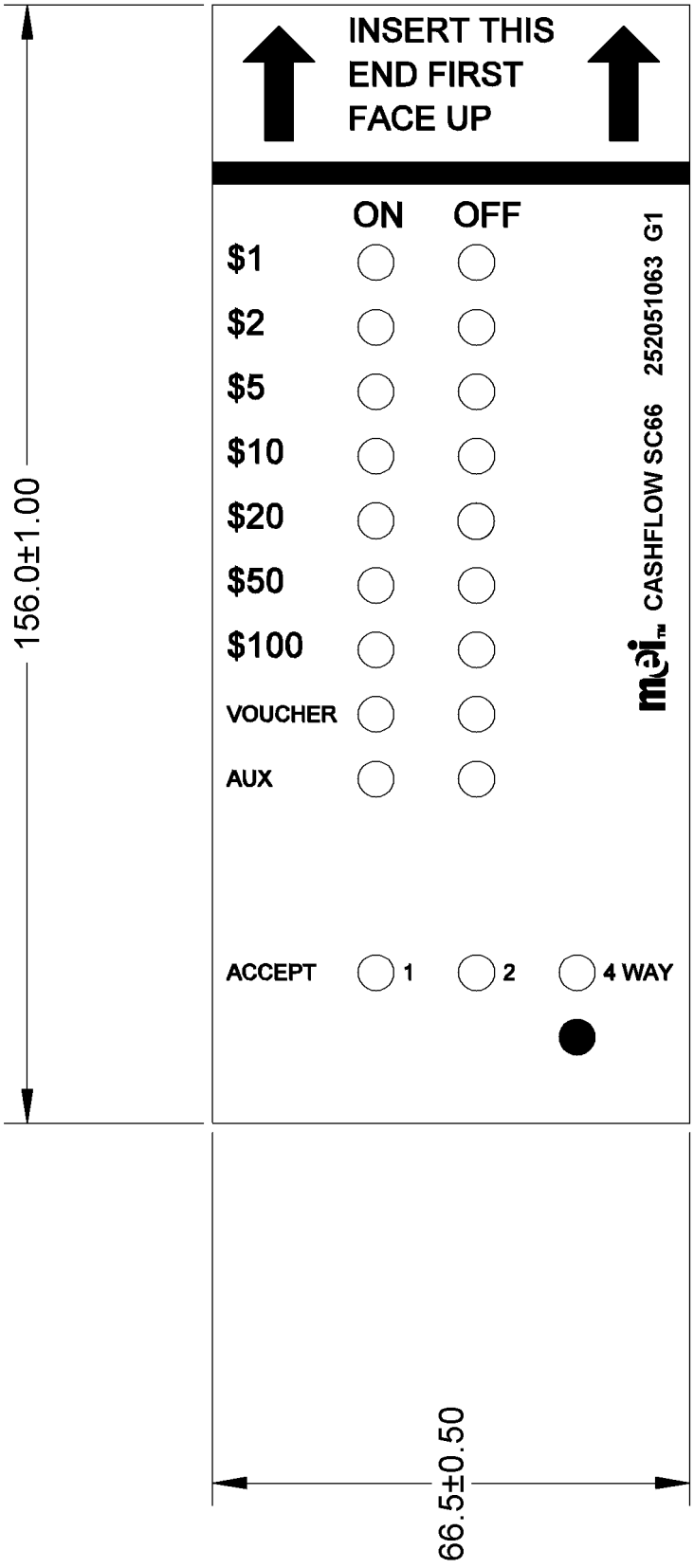
REJECTED: If the coupon is rejected, the red LED will flash rapidly.
If rejected, retry coupon or try new coupon. Review instructions to make sure no steps have been missed.

TO RETURN TO NORMAL OPERATION

After the coupon is accepted or rejected the unit will automatically return to normal operating mode.

COUPON

SC66 Configuration Coupon



MAINTENANCE

Periodic maintenance can improve the performance and extend the working life of a bill acceptor. Additional attention may be required if the bill acceptor becomes inoperable due to a jammed object or acceptance rates fall below normal.

Cleaning the Acceptor Module

Note: You must remove the Acceptor Module from the chassis to open the front sensor area. Forcing the bill path open without removing the Acceptor Module from the chassis will damage the connector board located at the rear of the Acceptor Module. Remember to turn off the machine (as per machine manufacturer) when performing any cleaning.

- Release the Acceptor Module from its normal operating position.

- Open the Acceptor Module unit by pulling up on the yellow cap.

- Clear the bill path area of any foreign objects.

- Clean bill path and sensor areas as needed.

For stubborn dirt, a small amount of mild non-abrasive soap may be applied to a damp cloth. Make sure no streaks or residual from the cleaning product remain on the bill path.

Note: SC66 does not require the use of a cleaning card. Never use a petroleum-based product to clean this device! Petroleum based products will damage the bill path. Mild non-abrasive soap is prefered over alcohol.

Calibration

The SC66 series bill acceptor was designed not to require calibration. Thus, the unit has no switch settings or calibration mode that allows a user to perform a calibration. Calibration may only be performed by one of our trained technicians.

Diagnostic Codes

The chart below indicates the 15 color-coded combinations of diagnostic LEDs on the acceptor module. For each color, there is a solid indicator and four flashing combinations. If multiple failure conditions occur, the most severe condition will be displayed.

Red conditions - Hard Fault. One of the bill acceptor components needs to be replaced.

Yellow condtions - Soft Fault The operator can correct the issue at the machine.

Green conditions - No Fault No problem with the bill acceptor.

S = Solid Light F = Flash

LED INDICATORS	STATUS	YOU NEED TO
Green S	Normal	Take no action.
Green F	Disabled by machine interface	Fix the machine condition (e.g. fill the coin hopper).
Green F F	Disabled by network interface (if applicable)	Correct the network condition.
Green F F F	Reserved	
Green F F F F	Reserved	
Yellow S	Cash-box not seated or not present	Reseat the cash-box.
Yellow F	Poor acceptance	Clean the acceptor.
Yellow F F	Jam in acceptor	Clear the jam from the acceptor.
Yellow F F F	Jam in cash-box	Remove the acceptor and try to clear jam.
Yellow F F F F	Reserved	
Red S	Cash-box full	Replace with an empty cash-box.
Red F	Acceptor hardware fault	Replace the acceptor with a programmed spare.
Red F F	Interface board hardware fault	Replace the interface board.
Red F F F	Unprogrammed unit	Program unit with a service tool.
Red F F F F	Reserved	

Note: By opening the machine door, you will disable the primary interface. The 10-second delay allows you to see a normal condition on the unit prior to the MMI display update.

FREQUENTLY ASKED QUESTIONS

1) What are the 3 parts that make up a CASHFLOW™ SC66 unit?

A CASHFLOW™ SC66 unit consists of an Acceptor, Chassis and Cash Box. For more information on these modules refer to the CASHFLOW™ SC66 Operation & Maintenance Manual.

2) What purpose do the Cash Box arrows serve?

Arrows highlight a cassette's position (upright or upside-down). Arrows provide a visual aid to Soft count crews who frequently arrange cassettes by position to signal that they are full or empty.

3) What is the purpose of the USB and 8-pin connectors on the front of the Acceptor Module?

The USB connector is used to connect a PPM (Portable Programming Module) to a CASHFLOW™ SC66 unit. The PPM is used to download new software into a CASHFLOW™ SC66. The pupose of the 8-pin connector is to provide appropriate drive voltage and enable signals in some lighted BEG (Bill Entry Guide)that get installed on the bill acceptor. Some BEG do not plug into the bill acceptor, they plug directly to the machine.

4) How is software updated in CASHFLOW™ SC66 Flash units and PROM units in the field?

Flash versions of CASHFLOW™ SC66 units can be updated in the field by using a PPM (Portable Programming Module). PROM versions of CASHFLOW™ SC66 units can be updated by replacing the PROM Chip that is located under the yellow Acceptor Latch on the Acceptor.

5) What is a PPM (Portable Programming Module) and how does it work?

A PPM is a yellow handheld device that is programmed by MEI and is used to download software into a CASHFLOW™ SC66 Flash units. The PPM consists of a yellow button, a red and green LED and 2 USB connectors. To use a PPM, first connect a USB cable to the front of a CASHFLOW™ SC66 unit then connect the other end to the PPM. Then press the yellow button and the PPM downloads new software into the CASHFLOW™ SC66 unit. The PPM uses the red and green LED's to report its status and also give error messages. For more information on the PPM refer to the PPM User Guide.

FREQUENTLY ASKED QUESTIONS

6) Can a PPM be used to update software for PROM CASHFLOW™ SC66 units?

No. A PPM can only be used to download software into Flash CASHFLOW™ SC66 units.

7) How can I tell the difference between a Flash and PROM CASHFLOW™ SC66 unit?

On purchased units that have not be modified, PROM CASHFLOW™ SC66 units should have a P after the model number. Flash CASHFLOW™ SC66 units will not have a designator after the model number.

Examples: SC6602 US (Flash CASHFLOW™ SC66 unit)
SC6602 P US (PROM CASHFLOW™ SC66 unit)

8) What are the MMI Diagnostic Error Codes (Green, Yellow and Red LED)?

MMI Indicator	Status	Activated by	Slot Technician Needs:
Green (Solid)	Normal	Normal Power-up	None
Green (1 flash)	Disabled by 1st interface.	Gaming machine (due to other condition like empty coin hopper). This is delayed by 10 seconds see Note 1.	Clear the condition on the gaming machine that caused the banknote acceptor to be disabled.
Green (2 flashes)	No communication by	No communication by	Investigate & Correct.
	2nd interface.	2nd interface (only used with 2nd interfaces).	Issues with 2nd interface.
Green (3 flashes)	Not used		
Green (4 flashes)	Not used		
Yellow (Solid)	Cash Box unseated / not present	Cash Box not present.	To be able to reseat the Cash Box.
Yellow (1 flash)	Poor Acceptance	Need for cleaning.	Needs to clean acceptor.
Yellow (2 flashes)	Jam in Bill Path	Self evident condition.	To clear jam and jam rate on system.
Yellow (3 flashes)	Jam in Cash Box	Self evident condition.	Need to check Cash Box.
Yellow (4 flashes)	Not used		
Red (Solid)	Cash Box Full	Self evident condition.	Need to swap Cash Box.
Red (1 flash)	Hardware Fault (Acceptor)	Auto-detected failure in Accceptor.	Need to swap the Acceptor.
Red (2 flashes)	Hardware Fault (Communications)	Auto-detected failure in Interface Card	Need to swap Interface Board.
Red (3 flashes)	Not Used		
Red (4 flashes)	Hardware Fault (Cash Box memory)	Auto-detected failure in Cash Box memory system.	Need to swap Cash Box.
Green - Red - Yellow Solid	Hardware Fault	Unit not programmed	Need to use PPM to or PROM
Green and Red Flashing	Calibration Mode	Self evident condition	Insert SC66 Calibration/Test Coupon

Note 1: *Opening the machine door will disable the primary interface. The 10-second delay is to allow the technician to see a normal condition on the unit prior to the MMI display update to disabled.*

FREQUENTLY ASKED QUESTIONS

9) Can a CASHFLOW™ SC66 unit be calibrated in the Field?

A CASHFLOW™ SC66 unit can not be calibrated in the field. The CASHFLOW™ SC66 is designed not require field calibration. Calibration is only required after certain repairs are done to a CASHFLOW™ SC66 unit. Therefore, only an approved CASHFLOW™ SC66 Service Center are trained to calibrate a CASHFLOW™ SC66 unit.

10) What are the differences among model #'s?

SC6600 is a vanilla unit that has no recognition or interface software installed in it. It also does not have a harness attached to the chassis.

SC6602 US is a Flash unit made to interface to IGT's Netplex machines. It uses the IGT ID024 interface and accepts US currency.

SC6602 P US is a PROM unit made to interface to IGT's Netplex machines. It uses the IGT ID024 interface and accepts US currency.

SC6604 US is a Flash unit made to interface to various machines. It uses MEI Opto Isolated EBDS Interface and is designed to accept US currency.

SC6604 P US is a Prom unit made to interface to various machines. It uses MEI Opto Isolated EBDS Interface and is designed to accept US currency.

SC6607 US is a Flash unit made to interface to various machines. It uses MEI RS-232 EBDS Interfaces and is designed to accept US currency.

SC6607 P US is a PROM unit made to interface to various machines. It uses MEI RS-232 EBDS Interfaces and is designed to accept US currency.

11) What are the differences among interfaces?

MEI EBDS (Extended Bi-Directional Serial) Protocol is a proprietary MEI protocol specification used to accomplish two-way serial communication between the bill acceptor and a host machine. It is not used for interfacing to IGT machines. Open collector EBDS uses opto isolated interface hardware. RS-232 EBDS uses RS-232 level interface hardware.

IGT Netplex (Serial) Protocol is proprietary IGT interface used to communicate between the IGT host machine and the Bill Acceptor.

FREQUENTLY ASKED QUESTIONS

12) How is a CASHFLOW™ SC66 unit manufacturing date determined?

Locate the unit's serial number on the product label. The product label is located on the front of the Acceptor below the BEG.

The first three digits of the serial number are the date code of the bill acceptor. The first two digits indicate the week of the year it was made. The third digit indicates the year of manufacture.

For example: 082 means the unit was manufactured the 8th week of 2002.

13) How do I and how often should I clean the CASHFLOW™ SC66 unit?

The best way to clean the bill acceptor is with mild, non-abrasive, diluted cleaning solution sprayed onto a soft cloth and not directly onto the bill acceptor. Remove the Acceptor and open the bill acceptor mouth. Wipe out the bill path. Cleaning should be performed after two years, depending upon use, or if the unit's acceptance rate drops below normal.

14) Can I use alcohol to clean a CASHFLOW™ SC66 unit?

Alcohol is not the preferred cleaning solution (Refer to Question # 13.).

15) Can I use cleaning cards?

Not necessary! Cleaning cards offer simple preventative maintenance for some bill acceptors. Since the CASHFLOW™ SC66 unit is easily opened, more effective cleaning can be accomplished with a soft, lint-free cloth and an appropriate cleaning solution. (Refer to Question # 13.)

16) What is the operating voltage for a CASHFLOWTM SC66 unit?

The operating voltage range is +12 to +28 VDC.

17) Does a CASHFLOW™ SC66 unit have dip switches?

A CASHFLOW™ SC66 unit does not have any dip switches. Bills can be enabled and disabled by using a configuration coupon. Refer to the section on the configuration coupon in the Operation & Maintenance Manual.

18) What is the purpose of the red, black and white wires that come out of the main cable?

The wires are connected to an internally mounted switch and are used in conjunction with Player Tracking Systems to identify that a cassette (cash box) is present or that it has been pulled. Different combinations allow Normally Open or Normally Closed wiring.

FREQUENTLY ASKED QUESTIONS

19) How do I clear a bill jam?

Remove the acceptor by pulling upwards on the release lever located on the front of the Acceptor Module and pull away from the chassis. Open the Acceptor by sliding the yellow Acceptor Latch forward then clear the bill jam.

20) Is it OK to swap Acceptors among my machines?

Like model number Acceptors may be easily swapped (i.e. SC6602 to another SC6602). Consider the machine denomination and verify that the correct bills are enabled/disabled and that any bezel place cards display proper denominations.
Contact our technician prior to swapping non-like model (i.e. SC6604 to SC6602). Not all non-like models can be swapped.

21) Where are your CASHFLOW™ SC66 Service Centers located?

CASHFLOW™ SC66 are currently serviced at:

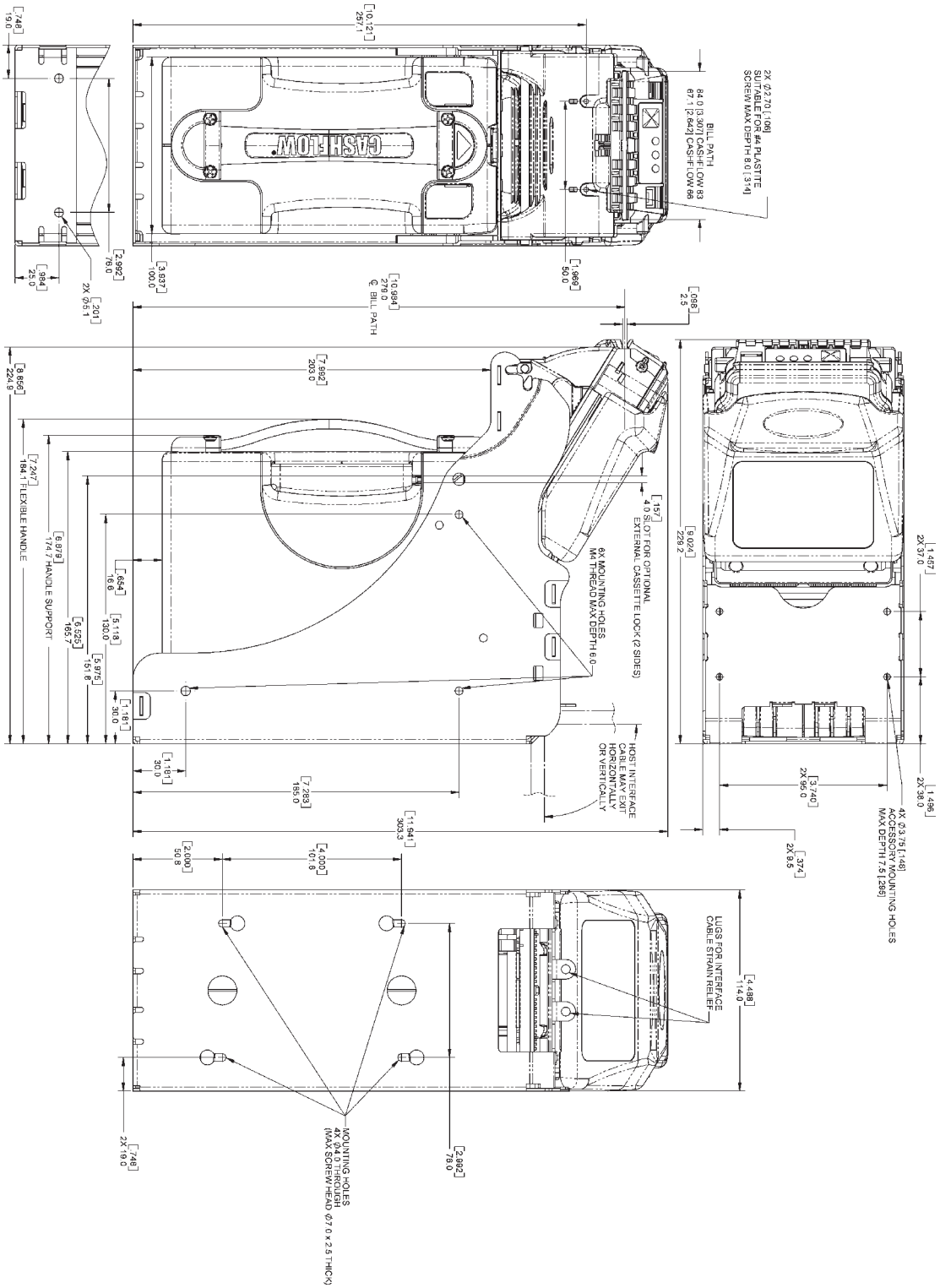
MEI
1301 Wilson Drive
West Chester, PA 19380
610-430-2500

MEI
2700 East Patrick Lane Ste. 1
Las Vegas, NV 89120
702-597-4836

22) Where can I call for technical assistance?

MEI Toll-Free	Technical Support	800-345-8172
East/Central Coast Industry Support –	Stephen Marsh	610-430-2871
West Coast Industry Support –	Brian Carty	702-597-4836

DRAWINGS


CASH-FLOW
BILL PATH
84.0 [3.307] CASH-FLOW 83
67.1 [2.642] CASH-FLOW 66
2X Ø2.70 [.106] SUITABLE FOR #4 PLASTITE SCREW, MAX DEPTH 8.0 [.314]
10.121 257.1
.748 19.0
3.937 100.0
1.969 50.0
.984 25.0
2.992 76.0
2X Ø5.1 .201
10.994 279.0 BILL PATH
.098 2.5
7.992 203.0
8.856 224.9
7.047 179.1 FLEXIBLE HANDLE
6.879 174.7 HANDLE SUPPORT
6.625 168.3
5.975 151.8
5.118 130.0
.654 16.6
.118 3.0
.161 4.0
7.283 185.0
11.941 303.3
15.7 4.0 SLOT FOR OPTIONAL EXTERNAL CASSETTE LOCK (2 SIDES)
8X MOUNTING HOLES M4 THREAD MAX DEPTH 6.0
HOST INTERFACE CABLE MAY EXIT HORIZONTALLY OR VERTICALLY
9.024 229.2
1.457 2X 37.0
1.496 2X 38.0
1.496 38.0
1.496 38.0
.374 2X 9.5
4X Ø3.75 [.148] ACCESSORY MOUNTING HOLES MAX DEPTH 7.5 [.286]
2.000 50.8
4.000 101.6
4.498 114.0
LUGS FOR INTERFACE CABLE STRAIN RELIEF
MOUNTING HOLES 4X Ø4.0 THROUGH (MAX SCREW HEAD Ø7.0 x 2.5 THICK)
2.992 76.0
2X .748 19.0