

1.1 Mounting options

! IMPORTANT! – The unit is not to be used as a standalone peripheral. Proper mounting of the chassis is required for normal operation. Inadequate/improper mounting may result in a degradation of performance. The following section describes the proper mounting requirements. Contact MEI technical support regarding these mounting guidelines.

1.1.1 Chassis Mounting Considerations

When using the two side planes (A and B) to mount the unit, be careful to ensure that they are aligned so the chassis width dimension is not spread, separated, flexed or bowed. Refer to figures 1 and 2. The chassis width dimension should be $114\text{mm} \pm 0.4\text{ mm}$. Extending the chassis width dimension past the tolerance can cause error conditions such as cashbox ejection or lowered cashbox capacity.

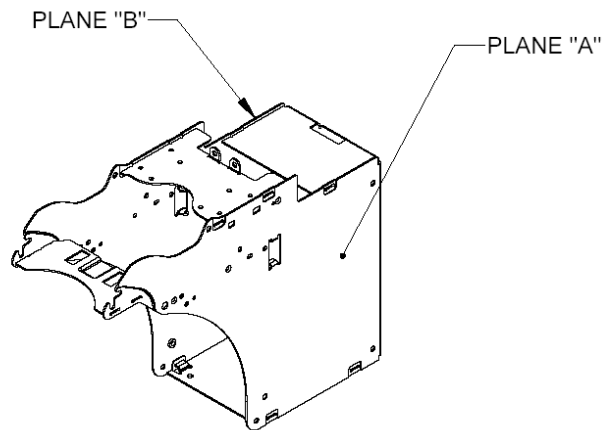


Figure 1. SCL Side Mounting Planes

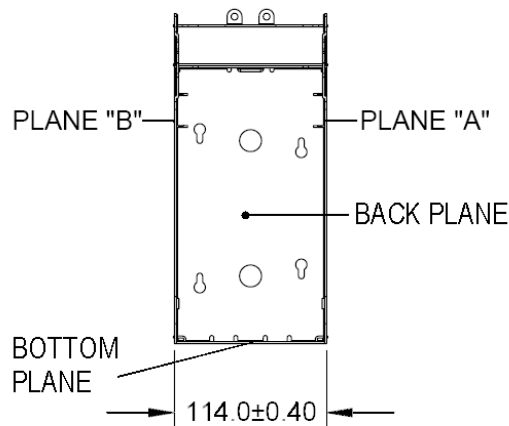


Figure 2. Rear View of Chassis Width Dimension

1.1.2Cashflow SC models (500 note capacity)

A total of 12 mounting holes and two grounding points are offered. The side mounting holes and chassis ground points are highlighted in Figure 3. These mounting locations are compatible with the MEI® ZT series note acceptors. In general use of 3 mounting holes, including at least two separate planes, will be sufficient to mount the unit. Care should be taken not to distort the chassis if it is mounted on surfaces that are not exactly aligned. Dimensions to the centerline of the note path are given on drawing [252053001.pdf](#) to assist in alignment with the entry guide. Note the thread depth on the M4 mounting holes should be no greater than 6mm and no less than 4mm. Longer screws will interfere with the removable cashbox. Shorter screws may not have enough thread engagement. If mounting to the back plane of the chassis, care should be given not to use hardware that will interfere with the complete insertion of the cashbox.

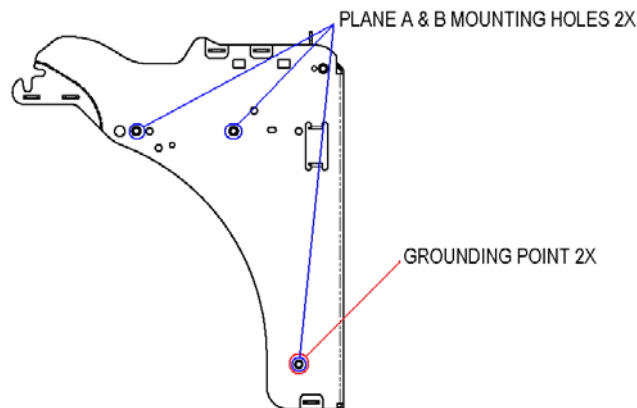


Figure 3. SC model side mounting and chassis ground locations

1.1.3 Cashflow SCM (900 note capacity) and SCL (1,200 note capacity) models

It is important that the chassis be supported rigidly on both sides and bottom to prevent any spread, separation, flex or bowing from occurring. A total of 12 mounting holes and 2 chassis ground points are offered. The side mounting holes and chassis ground points are highlighted in Figure 4.

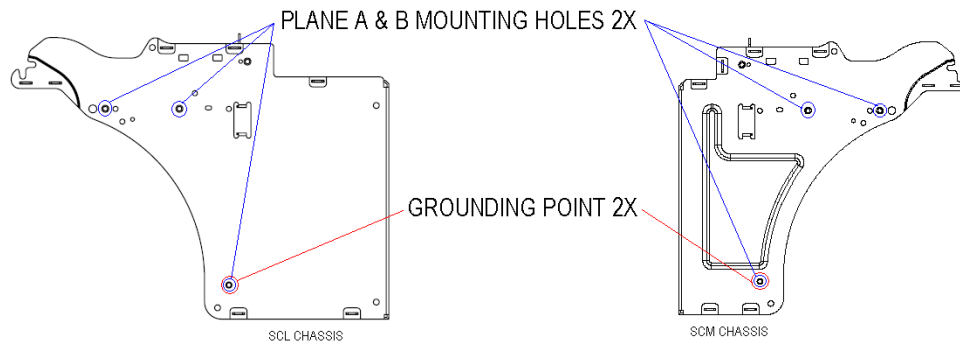


Figure 4. SCL & SCM model side mounting and chassis ground locations

The use of 6 mounting holes, including a minimum of three separate planes (the bottom surface and both side surfaces) are sufficient to mount the unit. Sheet 3 of the [252202001.pdf](#) drawing shows the recommended procedure for mounting to the bottom of the unit. Care should be taken not to distort the chassis if it is mounted on surfaces that are not exactly aligned. Dimensions to the centerline of the note path are given on the drawing to assist in alignment with the entry guide. Note the thread depth on the M4 mounting holes should be no greater than 6mm and no less than 4mm. Longer screws will interfere with the removable cashbox. Shorter screws may not have enough thread engagement. If mounting to the back plane of the chassis, care should be given not to use hardware that will interfere with the complete insertion of the cashbox. Use the checklist below to check that your installation meets MEI guidelines.

1.1.3.1 SCM/SCL Mounting Checklist

- ☒ Minimum, 3 planes of chassis supported (both sides and bottom)
- ☒ Minimum, 6 mounting holes
- ☒ Side mounts are rigid and prevent outward spread, separation, flex or bow of chassis walls
- ☒ Chassis not distorted due to misalignment during tightening of mounting fasteners
- ☒ Threaded mounting locations screws are 4mm – 6mm long
- ☒ No mounting fasteners touch or rub the cashbox
- ☒ Chassis grounding used and linked to adequate enclosure grounding location.
- ☒ Contact MEI Technical Support for installation review

1.1.4 Chassis to Chassis Mounting

Chassis to Chassis mounting is an option available only on the Cashflow SCL series. There are 4 holes in each side of the chassis that permit mounting multiple units side by side. Four plastic rivets available from Richco can be used to hold the chassis's together and are assembled as shown below. The following Richco Rivets can be used SR-5055B, SRV0-5055B, SRV0-5055W, SR-5055W.

