

Intelligent Cabinets Base Unit

CS-CAB-BSE



ZEBRA

Assembly and Installation Guide

2024/10/29

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About This Guide

This guide covers the equipment and procedure for the assembly of the CS-CAB-BSE (Base unit) and how to install it beneath Small, Midi, or Large Intelligent cabinets.



NOTE: Assembling an Intelligent cabinet requires specific skills and expertise to ensure it is constructed safely and correctly. Therefore, it is essential to have a qualified individual with the appropriate experience and knowledge to undertake this task.



WARNING: The Intelligent cabinets are very heavy and require a minimum of two people to maneuver them.

Notational Conventions

The following notational conventions make the content of this document easy to navigate.

- **Bold** text is used to highlight the following:
 - Dialog box, window, and screen names
 - Dropdown list and list box names
 - Checkbox and radio button names
 - Icons on a screen
 - Key names on a keypad
 - Button names on a screen
- Bullets (•) indicate:
 - Action items
 - List of alternatives
 - Lists of required steps that are not necessarily sequential.
- Sequential lists (for example, those that describe step-by-step procedures) appear as numbered lists.

Icon Conventions

The documentation set is designed to give the reader more visual clues. The following visual indicators are used throughout the documentation set.



NOTE: The text here indicates information that is supplemental for the user to know and that is not required to complete a task.



IMPORTANT: The text here indicates information that is important for the user to know.



CAUTION: If the precaution is not heeded, the user could receive a minor or moderate injury.



WARNING: If danger is not avoided, the user CAN be seriously injured or killed.



DANGER: If danger is not avoided, the user WILL be seriously injured or killed.

Service Information

If you have a problem with your equipment, contact Zebra Global Customer Support for your region. Contact information is available at: zebra.com/support.

When contacting support, please have the following information available:

- Serial number of the unit
- Model number or product name
- Software type and version number

Zebra responds to calls by email, telephone, or fax within the time limits set forth in support agreements.

If your problem cannot be solved by Zebra Customer Support, you may need to return your equipment for servicing and will be given specific directions. Zebra is not responsible for any damages incurred during shipment if the approved shipping container is not used. Shipping the units improperly can possibly void the warranty.

If you purchased your Zebra business product from a Zebra business partner, contact that business partner for support.

Getting Started

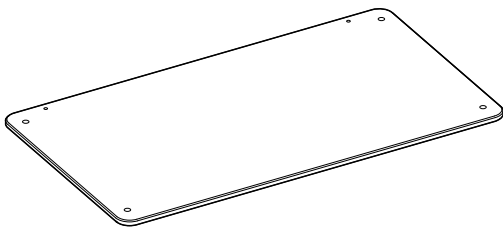
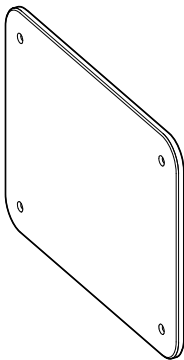
This section lists the parts and tools required for the assembly.

Parts List

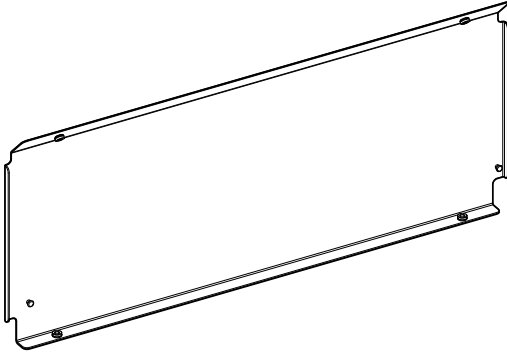
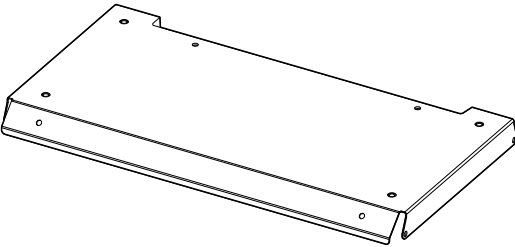
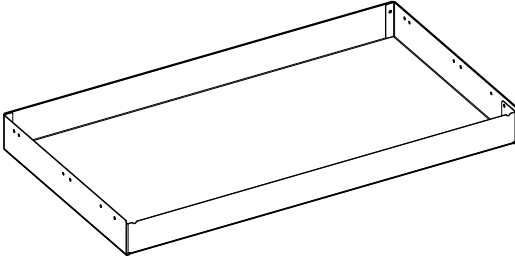
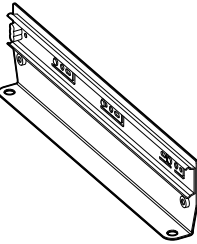
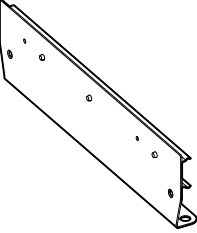
Before proceeding, verify that you have all of the following parts.



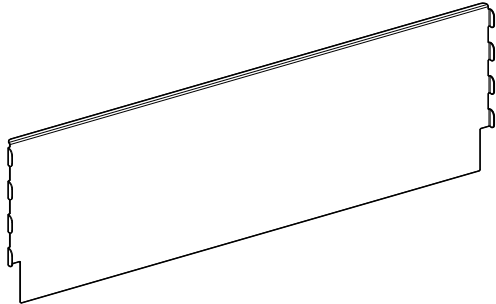
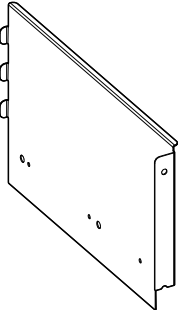
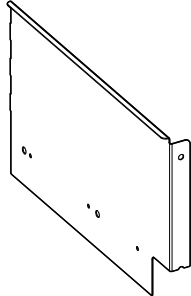
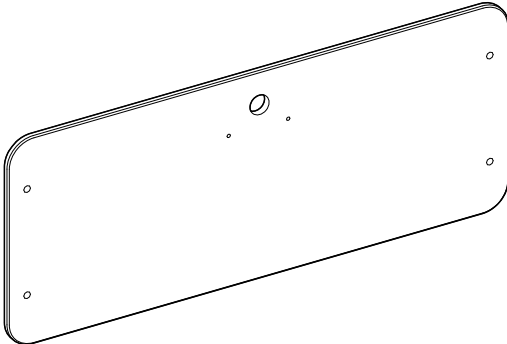
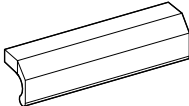
NOTE: These parts are for illustration purposes only; the actual parts are powder-coated black or self-colored dark grey.

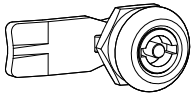
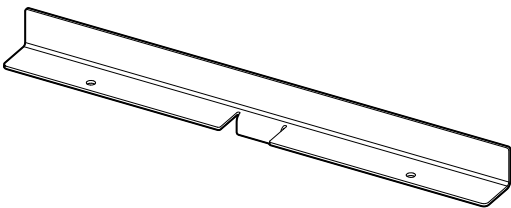
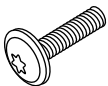
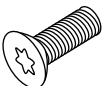

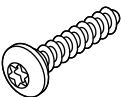

Part	Image	Size in mm (L x W x H)	Quantity	Actual Color
Base panel		700 x 390 x 10	1	Dark grey
Side panel		390 x 290 x 10	2	Dark grey

Getting Started

Part	Image	Size in mm (L x W x H)	Quantity	Actual Color
Rear panel		279 x 288 x 29	1	Black
Top panel		680 x 360 x 43	1	Black
Drawer		670 x 355 x 36	1	Black and nickel
Bracket and slide, Left-hand side (LHS)		360 x 88 x 28	1	Black and nickel
Bracket and slide, Right-hand side (RHS)		360 x 88 x 28	1	Black and nickel

Getting Started

Part	Image	Size in mm (L x W x H)	Quantity	Actual Color
Drawer - back		651 x 220 x 17	1	Black
Drawer side - Left-hand side (LHS)		355 x 220 x 32	1	Black
Drawer side - Right-hand side (RHS)		355 x 220 x 32	1	Black
Front panel		673 x 279 x 10	1	Dark grey
Handle		100 x 24 x 25	1	Dark grey

Part	Image	Size in mm (L x W x H)	Quantity	Actual Color
Lock		61 x 33 x 30	1	Black and nickel
Replacement lower rail part		529 x 60 x 47	1	Black
M10 x 25 button head flange screw, TX45		20 x 6	4	Black
M6 x 16 countersunk screw, TX30		6 x 5	10	Black
M6 x 10 flange button head screw, TX30		10 x 4	6	Black
4 x 20 torx thread forming screw, TX20		20 x 4	2	Black
M3 dome headed nut		6 x 5.5	6	Black

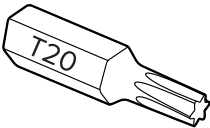
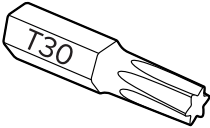
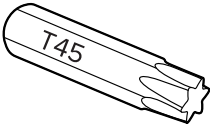
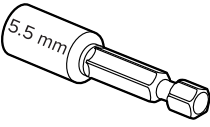
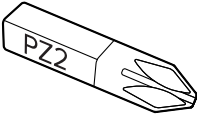
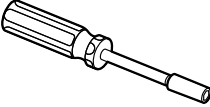
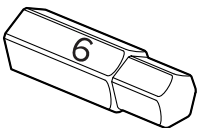
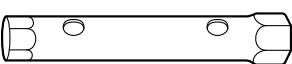
Tools Required

The following tools are needed to assemble the base unit.



NOTE: These tools are not included in the kit.

Getting Started

Tool	Image	Used For
Torx driver, T20		Front panel, Handle M6 barrel nuts, Thread forming screws
Torx driver T30		Side, Top, Back panels, M6 x 16
Torx driver T45		Feet, M10 x 25
5.5mm socket		Drawer side panels, M3 dome nut
PZ2 posi drive		Latch to cam body
Hex drive handle		Driving all of the above hex bits
6mm hex bit		M10 countersunk screws
27mm box spanner		Cam lock fixing nut

Assembly

Read these instructions thoroughly before assembling the base unit.



NOTE: Assembling an Intelligent cabinet requires specific skills and expertise to ensure it is constructed safely and correctly. Therefore, it is essential to have a qualified individual with the appropriate experience and knowledge to undertake this task.



WARNING: The Intelligent cabinets are very heavy and require a minimum of two people to maneuver them.

Cabinet Disassembly

Before mounting the cabinet onto the base unit, it needs to be disassembled. This section provides the disassembly process.

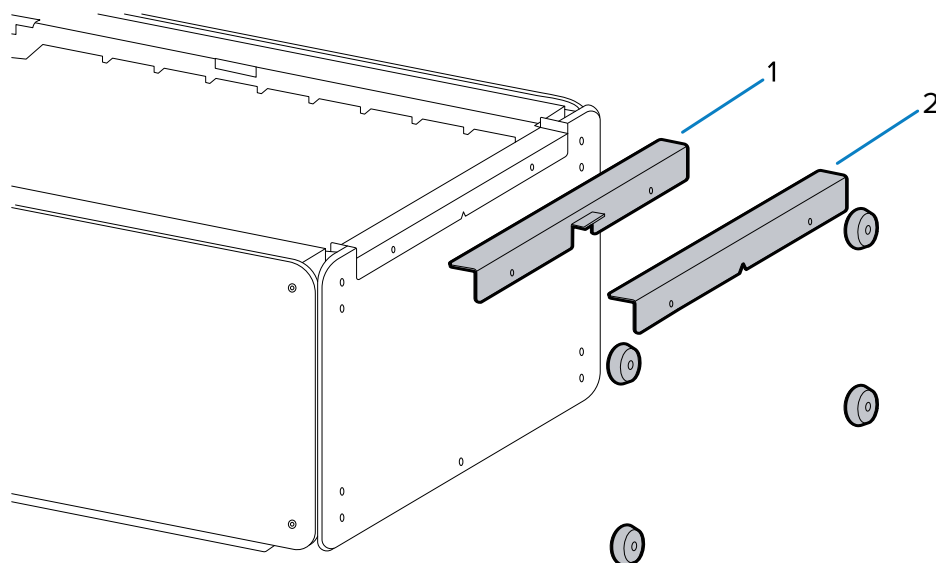


NOTE: If the base unit is being assembled at the same time as the cabinet, proceed to [Base Unit Assembly](#) on page 12.

If the cabinet is already assembled and in use:

1. Disconnect the power to the cabinet and remove devices, chargers, and power supplies (PSUs).
2. Remove both doors.
Removing the doors makes the cabinet lighter and allows easier access to the feet and wall fixings.
3. Remove all standard and stadium shelves.
4. Remove the wall fixings and carefully move the cabinet away from the wall.
5. Using at least two people, carefully lower the cabinet onto its back. **Do not drop** the cabinet.
6. Using a 6mm hex bit, remove the four M10 countersunk screws fixing the feet to the base. Retain the screws and the feet for use later in the build.
7. Remove the two metal components that make up the “U” shaped channel in the base of the cabinet. The bottom rail (2) will not be used and can be stored as a spare or replaced if the base unit is removed.

8. Replace the bottom rail (2) with the lower rail part (1) included in the kit using the same screws.



Proceed with the base unit assembly.

Base Unit Assembly

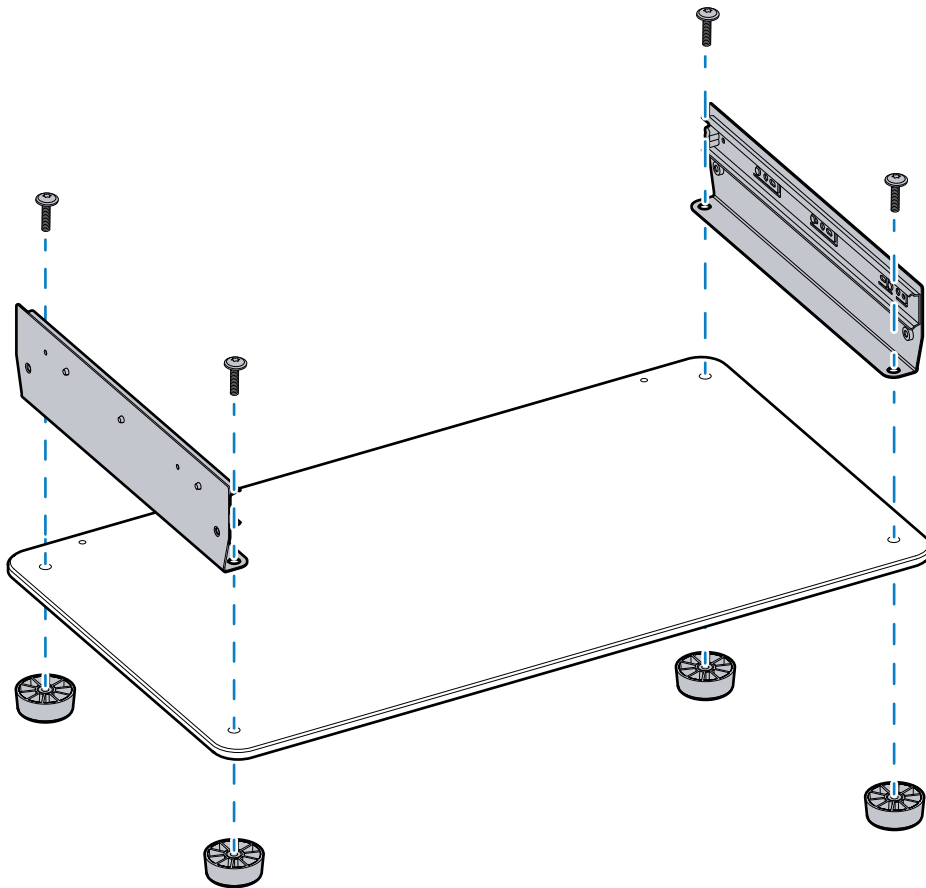
This section provides the assembly process for the base unit.

1. Obtain the four feet, either from the [Cabinet Disassembly](#) on page 11 process or from the cabinet package.

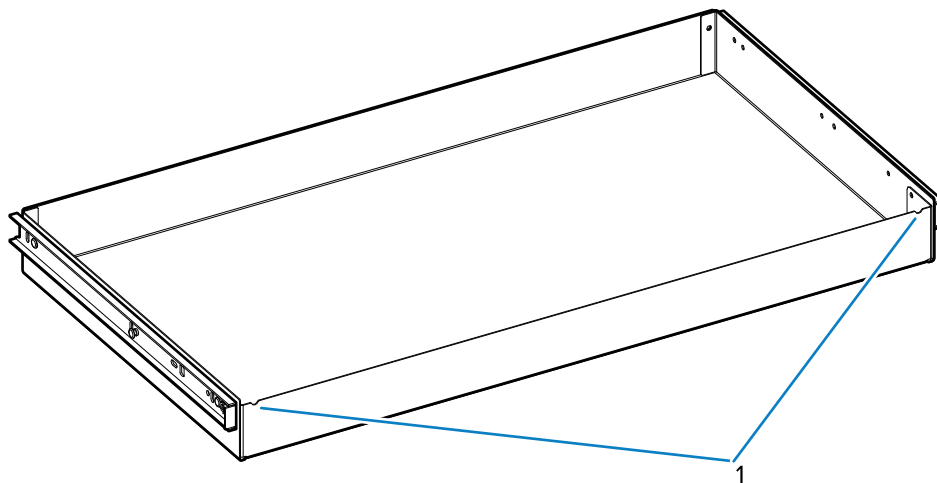
2. Fix the drawer brackets through the base into the feet using the M10 x 25 round head screws. Ensure the brackets are correctly oriented and the rubber slider buffers to the rear. Note the base plate has two holes along the rear edge.



NOTE: Do not tighten completely the screws; this is done when the drawer is fitted.

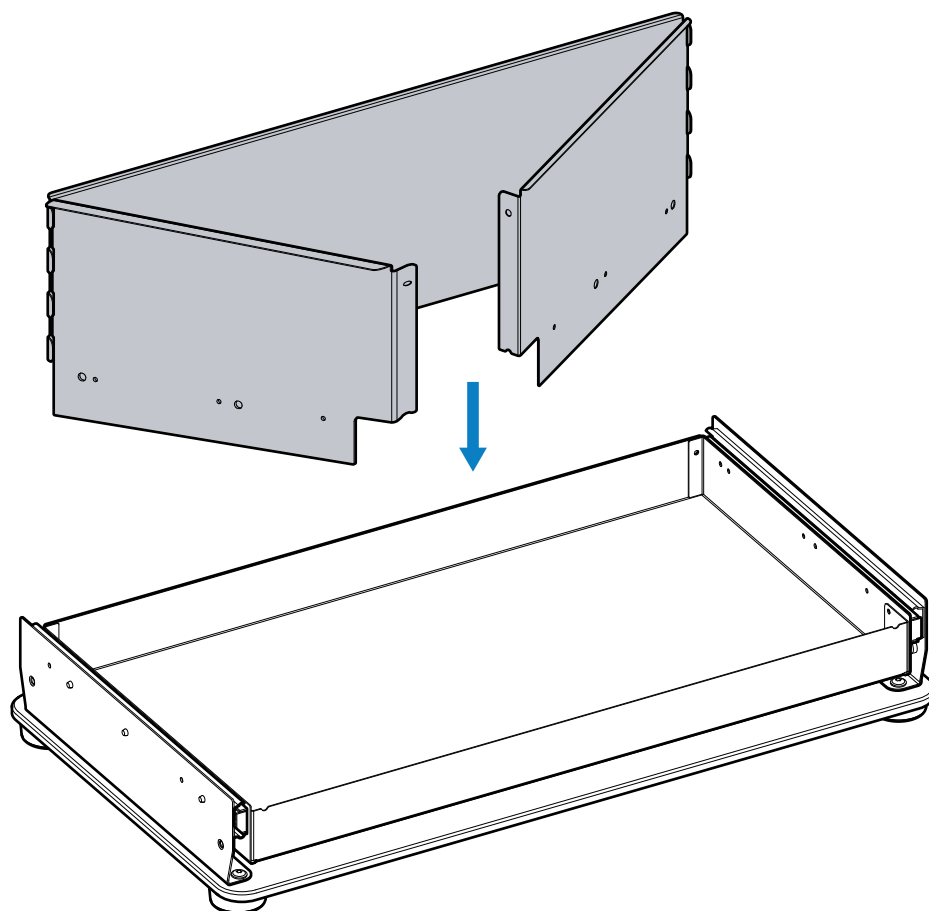


3. Slide the drawer base onto the two runners. The front of the drawer base has two semi-circular notches (1). When the drawer is properly engaged, it should easily slide in and out with the end stop preventing the drawer from coming off the base.

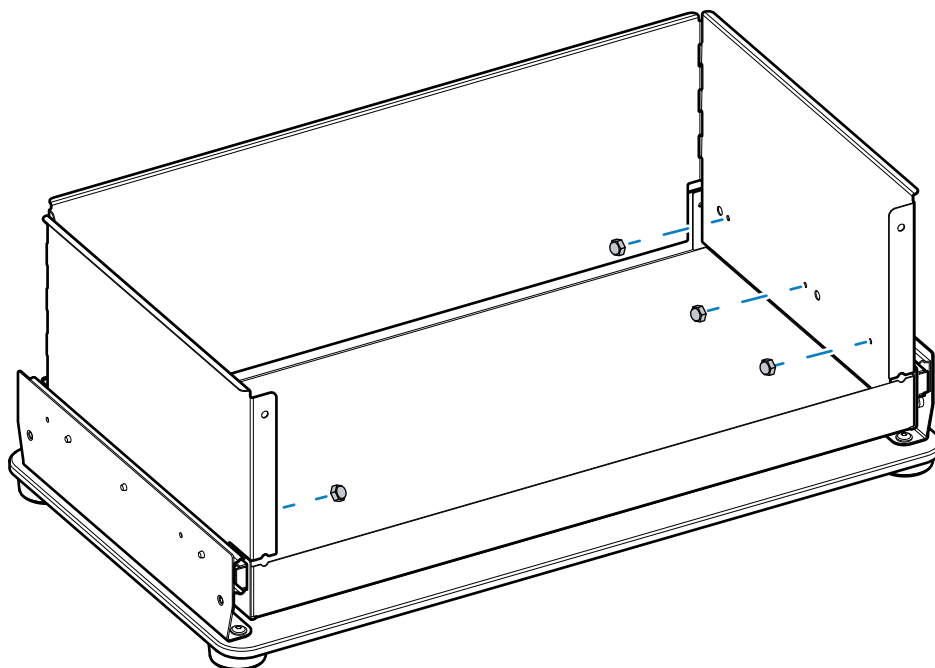


4. Tighten the four M10 screws after the drawer is sliding correctly. If necessary, loosen and re-tighten the screws.
5. Link the left and right drawer sides to the drawer back. The left and right drawer sides are handed, and the front of each side has a 90° fold, facing inward. The fold of the rear panel is uppermost and

points to the rear. With the sides and back correctly oriented, link the sides to the back and place all three parts into the drawer base.



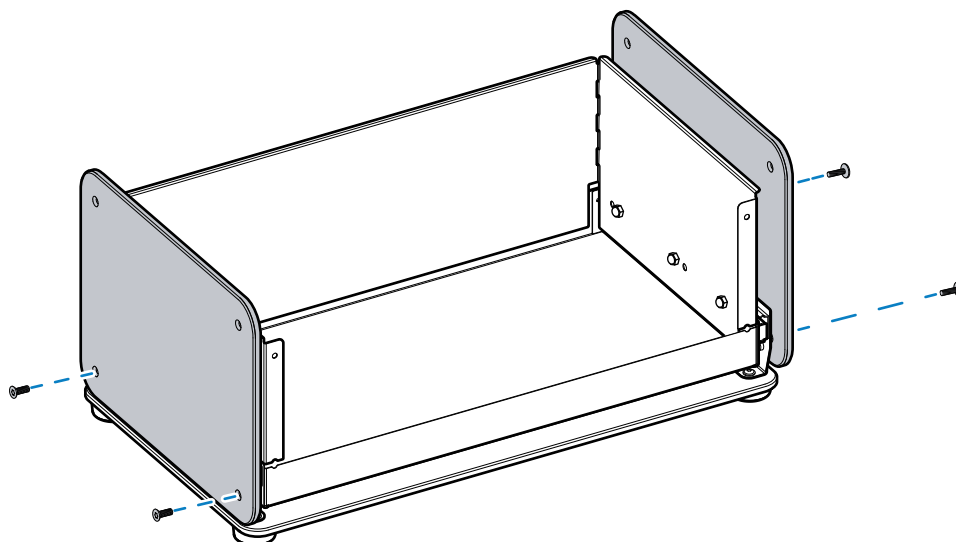
6. With the three parts in position in the drawer base, the left and right sides can be swung out until they engage with the fixed screws in the base, three on each side. Fix the side panels in place using three M3 dome headed screws on each side.



7. Attached the side panels using two M6 x 16 countersunk screws, two on each side.



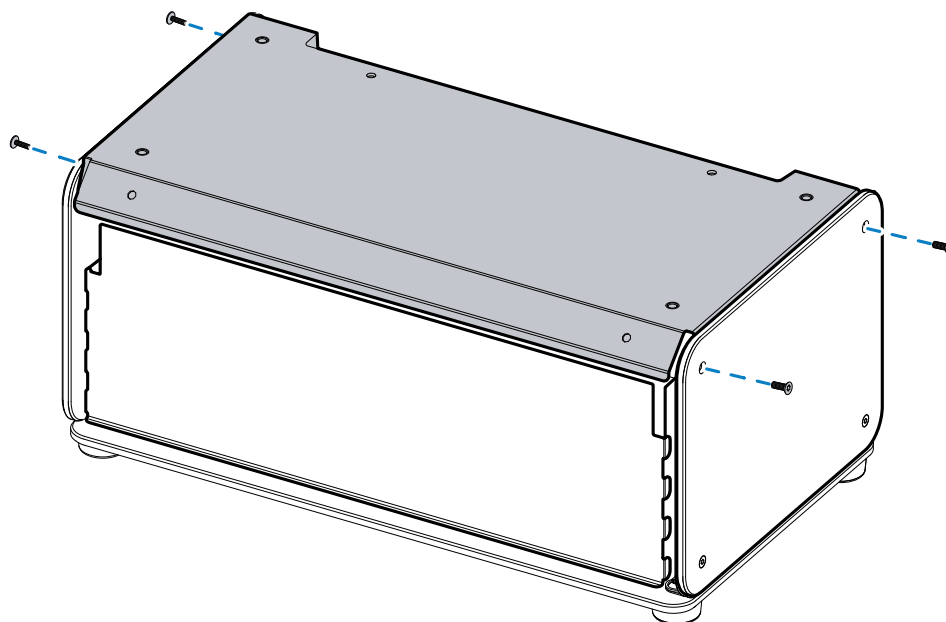
NOTE: Do not fully tighten these screws.



8. Place the top panel in position and fix it in place using four M6 x 16 countersunk screws, two on each side. Ensure the top panel is correctly orientated and the sloping edge is fitted to the rear.



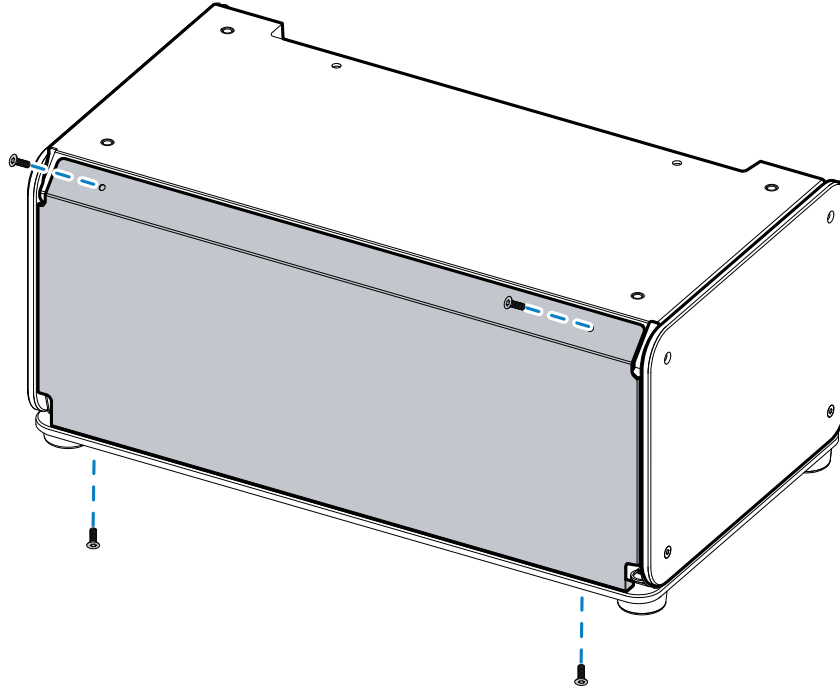
NOTE: Do not fully tighten these screws.



9. Fit the rear panel in place using two M6 x 10 flange headed screws on the top angled face and two M6 x 16 countersunk screws in the base.



NOTE: The last two screws are more accessible to fit if the whole unit is placed on its front, but be careful as the drawer will try and slide out as the unit is tilted up.



10. Tightened the screws fitted in the previous steps.

11. Assemble the front panel before fitting into the drawer.

a) Attach the lock and the handle before fitting the front panel to the drawer.

Before attaching the lock, determine which direction the lock will turn when fitted. Insert the key and turn it left or right. The lock should be open when turned anti-clockwise and locked when turned clockwise.

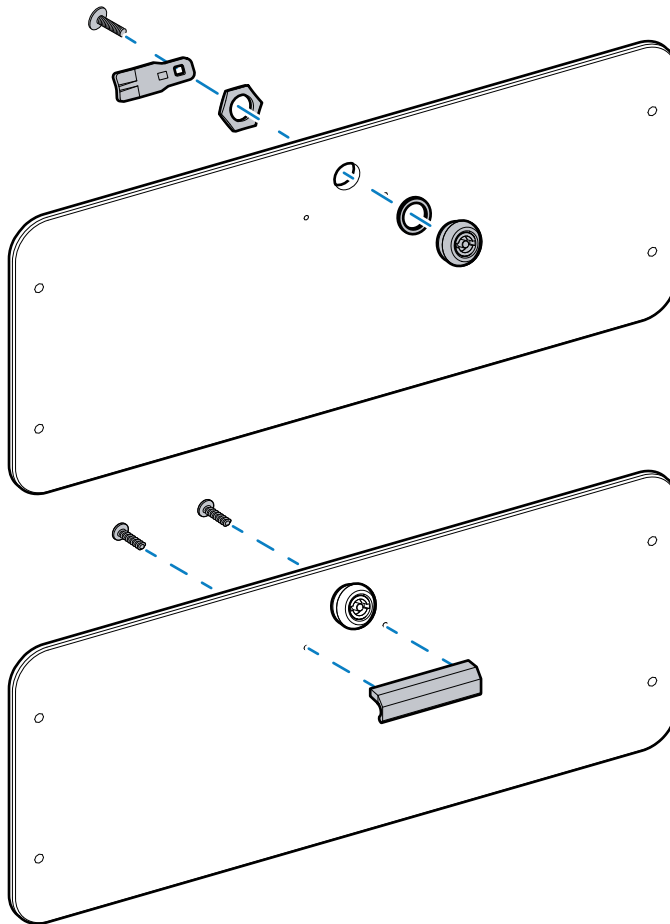
The lock might need to be partially dismantled to pass it through the hole in the front panel. To do this, undo the screw holding the metal cam and remove it.

b) Pass the barrel of the lock through the hole in the front panel, making sure that the washer is on the front of the panel.

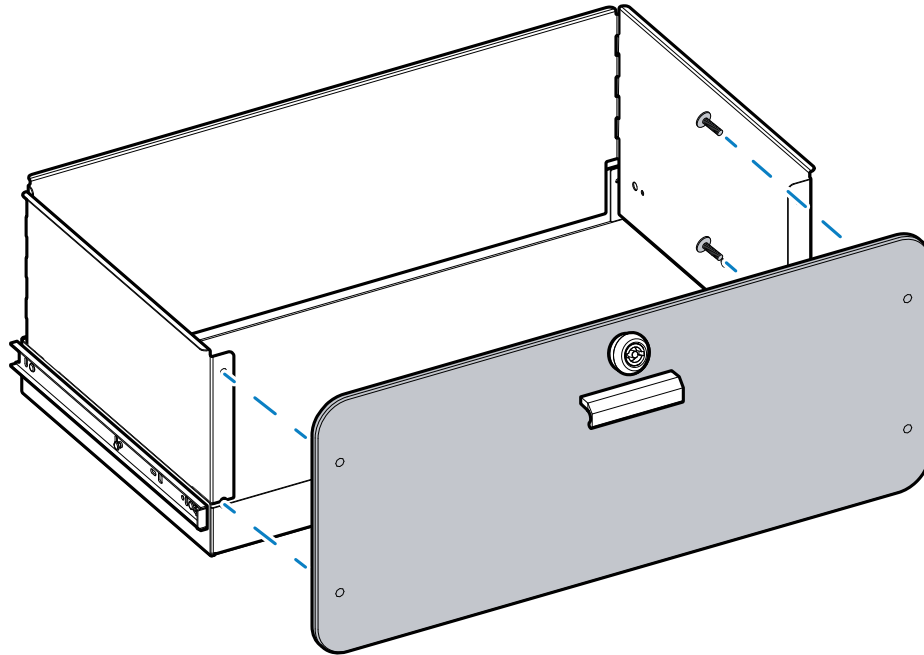
The rear of the front panel has a recess into which the lock nut is tightened.

c) Reattach the cam and the fixing screw after tightening.

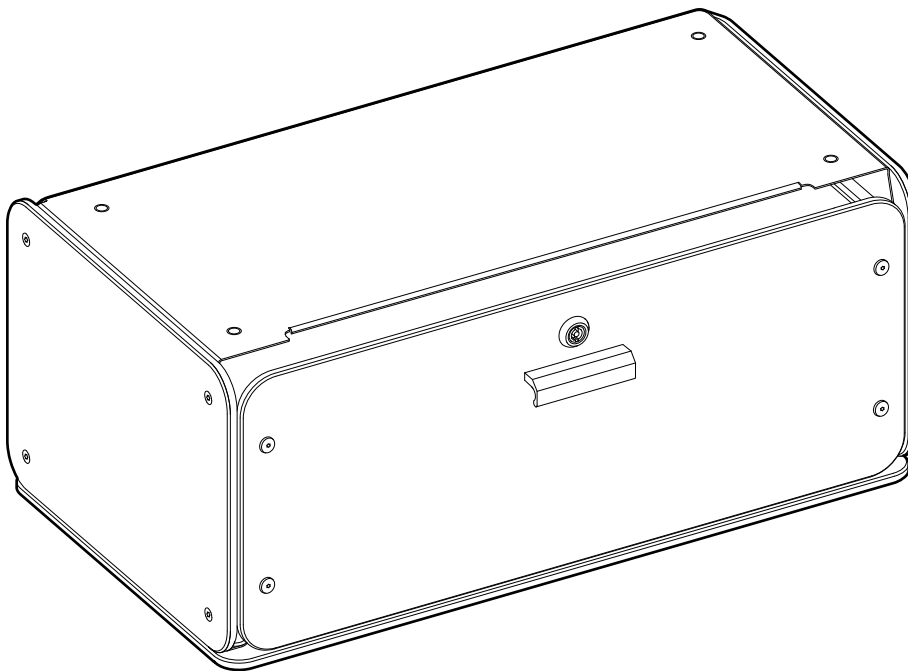
d) Attach the handle using two thread forming screws. Do not overtighten these screws.



e) Slide the drawer out and attach the front panel to the drawer using four M6 x 10 flange head screws and four M6 barrel nuts.



This completes the assembly of the base unit.



All that remains is to position it and mount the cabinet on top.

Mounting the Cabinet to the Base Unit

Before mounting the cabinet to the top of the base unit, ensure the floor and wall are flat and square to each other. If not, the floor must be leveled or the cabinet moved to a more suitable location. If the wall is not square, then appropriate spacers can be used where the cabinet wall fixings are located.

1. Position the base unit where the cabinet is needed, as it is easier to move the base unit into the correct position before mounting the cabinet than afterward when the two are bolted together.

The base unit should be 15mm from the wall, this gap will accommodate the cabinet rear uprights, which need to be touching the wall as they are the parts that are fixed to the wall.

2. Lift the cabinet onto the base unit using at least two people, aligning the sides and pushing the cabinet back against the wall.
3. Connect the cabinet to the base unit using the screws originally intended to hold the feet in place.
4. Bolt the cabinet to the wall using suitable wall fixings.
5. Install the shelves and return the contents to the cabinet. Reinstate the doors if they have been removed.

Refer to the Intelligent Cabinet Assembly Guide for more information on the cabinet assembly.

This completes the installation and assembly of the base unit.

