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Introduction

The guide provides information about assembling, mounting, packing, and shipping the Zebra Intelligent Cabinets.

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

Chapter Descriptions

Topics covered in this guide are as follows:

- **Unpacking** provides instruction on unpacking the cabinet.
- **Cabinet Assembly** provides information on assembling the cabinet.
- **Packing and Shipping** provides an overview and best practices for packaging and protecting an intelligent cabinet in preparation for shipping.
- **Mounting Cabinet** provides information on fixing or mounting the cabinet on the wall.
- **Shelf Assembly** provide instruction on assembling the cabinet shelves, cradles, and cables.
- **Specifications** provides specifications for cabinet configurations.

Notational Conventions

The following conventions are used in this document:

- Bullets (+) indicate:
  - Action items
  - Lists of alternatives
  - Lists of required steps that are not necessarily sequential.
- Sequential lists (such as 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 graphic icons are used throughout the documentation set. These icons and their associated meanings are described below.
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: Generic Caution text goes here.

WARNING: Warning text goes here. If danger is not avoided, the user CAN be seriously injured or killed. Confirm with your Compliance Engineer before using this.

Related Documents and Software

The following documents provide more information about Intelligent Cabinets:

- Racks 1 & 2 Shipping and Unpacking Quick Reference Guide
- Zebra Access Management System Installation Guide
- Zebra Access Management System Cabinet and Mobile Device Quick Reference Guide

For the latest version of this guide and all guides, go to zebra.com/support.
Unpacking

The cabinets are unpacked and assembled differently depending on the size of the cabinet. The small and midi cabinets can be unpacked on a bench. The large, x-large, and extreme cabinets should be unpacked from the pallet due to the weight and potential issues of raising them from the pallet onto a work surface.

When the flat packed cabinet arrives, move the box near its final working location as the flat pack is easier to handle than the fully assembled cabinet.

**NOTE:** If the cabinet is to be shipped out once it is assembled, retain all of the packaging as it can be reused to protect the cabinet.

To unpack the flat pack:
1. Cut the straps holding the flat pack box and dispose of them in an environmentally approved manor.
2. Lift the top half of the box and use this as a receptacle for the remaining packaging.
3. Check the contents of each sub box as it is unpacked.
4. The larger sections of packaging, such as those used to wrap the front and rear uprights, can be used as re-packing material. The smaller sections should be recycled.

Shipping

The cabinets weigh between 44 kg (97 lbs) and 124 kg (274 lbs) depending upon the model. This does not include the weight of the packaging and pallet.

**NOTE:** Due to the weight of the cabinet, two people are required for handling and unpacking.

Recycling

Most cabinet components are recyclable (steel items). The HPL material (flat surfaces and shelves) can be reused but not recycled. All packaging components are recyclable. The pallet and packaging material should be retained if the cabinet needs to be moved. Refer to local recycling facilities for plastic and rubber components.

Tools

The following tools are needed to unpack and install the cabinet:
- Box cutter or similar
- Pliers
- No 2 Pozidriv screwdriver
Unpacking

- No 25 Torx driver
- No 30 Torx driver
- 8mm spanner or adjustable wrench.

Cabinet Arrival and Location Requirements

The cabinet arrives flat packed and physically strapped to a pallet. The cabinet should be located in a position with the following criteria:

- The floor must be level and flat.
- The cabinet must be within range of a suitable power outlet, typically within 2 m (6 ft).
- The cabinet must not be exposed to the elements. It must be installed in a building that is protected from moisture and excessive high/low temperatures.

Figure 1 shows six midi cabinets stacked on a pallet just prior to being strapped in place. With the larger cabinets, the shipping arrangement is the same but with correspondingly larger pallets.

Figure 1  Cabinet Flat Packs on Pallet
Cabinet Assembly

Read these instructions thoroughly before assembling this cabinet.

**IMPORTANT:** A qualified service technician must assemble this cabinet.

**NOTE:** The graphics shown in this document depict a medium size cabinet. The colors are used to clearly distinguish different elements only and do not reflect the actual cabinet colors.

The compact cabinet arrives fully assembled.
Parts List

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

<table>
<thead>
<tr>
<th>Parts List</th>
<th>Description</th>
</tr>
</thead>
</table>
| Left-hand side (LHS) panel | Qty: 1  
NOTE: The LHS panel has a Zebra logo near the top of the panel. |
| Right-hand side (RHS) panel | Qty: 1  
NOTE: The RHS panel does NOT have a Zebra logo. |
HPL Door panel LHS
Qty: 1

NOTE: The LHS panel has a Zebra logo near the top of the panel.

HPL Door panel RHS
Qty: 1

Acrylic door panel
Qty: 2
<table>
<thead>
<tr>
<th>Component</th>
<th>Description</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rear upright LHS</td>
<td>Fitted with PDU (Power Distribution Unit)</td>
<td>1</td>
</tr>
<tr>
<td>Rear upright RHS</td>
<td></td>
<td>1</td>
</tr>
<tr>
<td>Section</td>
<td>Image</td>
<td>Qty.</td>
</tr>
<tr>
<td>-----------------</td>
<td>----------------</td>
<td>------</td>
</tr>
<tr>
<td>Back panel</td>
<td><img src="image1.jpg" alt="Back panel" /></td>
<td>1</td>
</tr>
<tr>
<td>Front bracket</td>
<td><img src="image2.jpg" alt="Front bracket" /></td>
<td>2</td>
</tr>
<tr>
<td>Top panel</td>
<td><img src="image3.jpg" alt="Top panel" /></td>
<td>1</td>
</tr>
<tr>
<td>Base panel</td>
<td><img src="image4.jpg" alt="Base panel" /></td>
<td>1</td>
</tr>
<tr>
<td>Item</td>
<td>Quantity</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>----------</td>
<td></td>
</tr>
<tr>
<td>Top rail 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bottom rail 1</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Bottom rail 2</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Mounting plate</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td>Standard shelf</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>Stadium shelf</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>NOTE:</strong> Optional item. Not included in base package.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Tools Required

<table>
<thead>
<tr>
<th>Tool</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>TX20</td>
<td><img src="image1.png" alt="TX20 Tool" /></td>
</tr>
<tr>
<td>TX30</td>
<td><img src="image2.png" alt="TX30 Tool" /></td>
</tr>
<tr>
<td>TX40 / socket bit 13</td>
<td><img src="image3.png" alt="TX40 Tool" /></td>
</tr>
<tr>
<td>Socket 6</td>
<td><img src="image4.png" alt="Socket Tool" /></td>
</tr>
<tr>
<td>Socket / spanner 8</td>
<td><img src="image5.png" alt="Socket Tool" /></td>
</tr>
</tbody>
</table>

## Fixings Required

<table>
<thead>
<tr>
<th>Fixing</th>
<th>Image</th>
</tr>
</thead>
<tbody>
<tr>
<td>M5 nyloc nut</td>
<td><img src="image6.png" alt="M5 Nyloc Nut" /> Qty: 10</td>
</tr>
<tr>
<td>M6 flange nut</td>
<td><img src="image7.png" alt="M6 Flange Nut" /> Qty: 8</td>
</tr>
<tr>
<td>M6 cap head nut</td>
<td><img src="image8.png" alt="M6 Cap Head Nut" /> Qty: 8</td>
</tr>
<tr>
<td>O5 x 10 counter sunk TX20</td>
<td><img src="image9.png" alt="O5 Counter Sunk" /> Qty: 16</td>
</tr>
<tr>
<td>M4 x 20 button head TX20</td>
<td><img src="image10.png" alt="M4 Button Head" /> Qty: 12</td>
</tr>
<tr>
<td>M5 x 30 cap head TX25</td>
<td><img src="image11.png" alt="M5 Cap Head" /> Qty: 4</td>
</tr>
<tr>
<td>M6 x 12 button head TX30</td>
<td><img src="image12.png" alt="M6 Button Head" /> Qty: 8</td>
</tr>
<tr>
<td>M6 x 20 counter sunk TX30</td>
<td><img src="image13.png" alt="M6 Counter Sunk" /> Qty: 38</td>
</tr>
<tr>
<td>M10 x 20 counter sunk socket 6</td>
<td><img src="image14.png" alt="M10 Counter Sunk" /> Qty: 4</td>
</tr>
</tbody>
</table>
## Fixings Required

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Miniature bearing</td>
<td>Qty: 4</td>
</tr>
<tr>
<td>M5 x 20 thumb screw</td>
<td>Qty: 12</td>
</tr>
<tr>
<td>Barrel lock</td>
<td>Qty: 2</td>
</tr>
<tr>
<td>Door retain block</td>
<td>Qty: 4</td>
</tr>
<tr>
<td>Polyamide hinge</td>
<td>Qty: 8</td>
</tr>
<tr>
<td>Cylindrical feet</td>
<td>Qty: 4</td>
</tr>
<tr>
<td>Aluminum handle</td>
<td>Qty: 2</td>
</tr>
</tbody>
</table>
1. Place the back panel (1) flat on a table.

2. Lay the right rear bracket with the PDU (3) on the right-hand (RH) side. Place the left rear bracket (2) on the left-hand (LH) side.

3. Install six off M6 x 12 button head screws (4) to fix the sides to the back panel (three on each side). Tighten the screws using a TX30 driver.
4. With the assembly laid flat, install the left-hand side (LHS) panel (2) to the assembly using two M6 x 20 countersunk screws. The LHS panel has a Zebra logo.

5. Install the right-hand side panel (1) using two M6 x 20 countersunk screws.

6. Fix the front bracket (3) to the side panel using two M6 x 20 countersunk screws on each side. Ensure the brackets are correctly orientated.
7. Fix the four feet (6) to the base panel (7) using four M10 x 20 countersunk hex socket head screws (1).

8. Fix the two halves of the bottom rail part 1 (5) and bottom rail part 2 (4) to the base panel (7) using two M6 x 20 countersunk screws (3).

**NOTE:** Bottom rail part 2 (4) is sandwiched between bottom rail part 1 (5) and the base panel (7).

9. Fix the base panel (7) sub-assembly to the main assembly (2) using five M6 x 20 countersunk screws.
10. Fix top rail part 1 (2) and top rail part 2 (3) to the top panel (5) using two M6 x 20 countersunk screws.

**NOTE:** Top rail part 1 (2) is sandwiched between top rail part 2 (3) and the top panel (5).

11. Fix the top panel (5) sub-assembly to the main assembly (4) using five M6 x 20 countersunk.
Attaching Side Door Panels

To attach the right and left side door panels:

1. Lay the HPL doors face down on a clean and level surface.

2. Fix four hinges to each door using the thread forming countersunk screws (2). Be careful not to overtighten the screws. They should grip the hinge to hold it and not be tightened any further.

3. Fit the barrel locks (9) to the doors using the large hex nut (7).

   **NOTE:** The locks operate in opposite directions. For the left-hand door, the catch moves from the 6 o’clock position to the 9 o’clock position. For the right-hand door, the latch moves from the 6 o’clock position to the 3 o’clock position.

4. Fix the door handles (8) to the doors using M4 x 20 button head screws (6). The open part of the handle faces outwards on both doors (the handles are mirror imaged).
5. Attach each door to the cabinet assembly using the M6 x 20 countersunk screws (4) and flanged head hex nuts (1).

Ensure the doors open easily and the lock engages when operated with the supplied key.

**Attaching Acrylic Door Panels**

To attach the acrylic door panels:

1. Assemble the door retaining blocks by sliding the bearings (2) onto the M5 x 30 cap head screws (1) and then fasten in place using the Nyloc nuts. Tighten the nuts so they grip the bearing and no further. If the bearing does not turn easily, slacken off the nut.

2. Fix the acrylic doors to the loose flaps of the hinges already attached to the HPL doors on the cabinet assembly. Use the M6 x 20 countersunk screws (7) and M6 cap nuts (7).
3. Once the four door retaining blocks are assembled, they can fix to the Acrylic doors (6) using the M4 x 20 button head screws (5). The bearings need to be located in the tracks before fitting the screws while the panel doors are open slightly.

4. Check that the doors open and close smoothly and that the locks still engage.

The cabinet assembly is now complete and ready to be mounted or fixed to a wall. This must be completed before installing shelves and putting the cabinet into use. See Mounting Cabinet on page 25.

For more information see:

- Packing and Shipping on page 22 for instruction on packing and shipping the cabinet.
- Mounting Cabinet on page 25 for instruction on mounting the cabinet.
- Shelf Assembly on page 29 for instruction on installing shelves, cradles, and cables.
This chapter provides an overview and best practices for packaging and protecting an intelligent cabinet in preparation for shipping.

Packaging and Shipping Cabinet

Preparing a Single Cabinet Shipment

CAUTION: The cabinets can be heavy and require more than one person (or a mechanical aid) to position the cabinet onto a pallet.

To prepare a single cabinet for shipping:

1. Disconnect the power and all items from inside the cabinet.
2. Remove the shelves from the cabinet unless they are secured with hardware in a manner that prevents removal and displacement during transport.
3. If the cabinet is equipped with a CC6000 or similar device, remove the device and any mounting hardware that may pose a risk of damage during transport.
4. Place the empty cabinet on a pallet that is of adequate size. The pallet should be larger than the cabinet to prevent damage to the cabinet if another pallet is placed directly next to it.

IMPORTANT: The cabinet must be placed on the pallet in an upright position. Laying the cabinet on the back or sides causes damage. Check with your transport company if you are unsure of the maximum height.

5. The cabinets are packed with reusable packaging material that is intended to be used multiple times if needed. Reuse the original shipping material if available.

   If the original packaging is unavailable, protect the exterior of the cabinet with foam or bubble wrap and an outer layer of cardboard. Secure the cardboard in place to prevent sagging, slipping or otherwise exposing the cabinet during transport. Do not apply tape or adhesive material directly to the cabinet.

6. Secure the cabinet to the pallet to prevent tipping over. Nylon or similar webbing type material may be used.

7. The strapping must be tight enough to secure the cabinet but not so tight that it deforms the panels or metal work.

Preparing Multiple Cabinets for Shipment

CAUTION: Do not place cabinets onto a pallet that is smaller than the perimeter of the cabinets.
If preparing multiple cabinets for shipment, it may be suitable to pack two cabinets on one pallet. Place the cabinets back to back with a layer of foam or cardboard in between the cabinets. Secure the outside of the cabinets as you would a single cabinet and secure both cabinets to the pallet to prevent tipping (see Preparing a Single Cabinet Shipment).

**Figure 2**  Two Cabinets Secured to Pallet

### Avoiding Errors

Avoid the following errors:

- Do not lay the cabinets on the cabinet back for shipping unless the weight of the cabinet is fully supported. The weight of the cabinet must not be supported by the thin backing alone.

**CAUTION—PRODUCT DAMAGE:** If the cabinet has to be shipped laying down, the weight of the cabinet must be transferred to the pallet along the entire length of the side or damage could result.

- Do not ship cabinets without securing them in a manner that prevents tipping. The cabinets are heavy and can tip over if unsupported.
- Do not ship cabinets with unsecured shelves. Remove the shelves, wrap the shelves, and place them inside the cabinet to prevent damage during transport.
- Do not ship cabinets with vulnerable accessories that could get damaged in transport. The CC6000 must be removed if present.

### Reviewing Final Package

Review the final package arrangement and make sure you are confident in the stability and appropriateness of the packing. Ensure the following:

- The cabinet is not overhanging the pallet if possible.
- The exterior of the cabinet is protected reasonably well with cardboard or other suitable padding material.
• The cabinet is protected from weather extremes and harsh weather conditions.
Mounting Cabinet

Cabinet Mounting

**IMPORTANT:** All cabinets must be fixed to a wall to prevent the possibility of tilting.

All work carried out must be done by qualified persons and with permission of the building owners. All relevant safety precautions must be observed and suitable PPE should be worn.

Fixings Required

<table>
<thead>
<tr>
<th>Type</th>
<th>Description</th>
<th>Fixing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1 fixing</td>
<td>For solid walls (for example, brick or breeze block)</td>
<td>10 x 80 mm Rawlplug</td>
</tr>
<tr>
<td>Type 2 fixing</td>
<td>For cavity or drywalls</td>
<td>M8 or similar sized heavy duty cavity wall fixing</td>
</tr>
</tbody>
</table>

Cabinet Mounting Considerations

**IMPORTANT:** Handling of the cabinets should be undertaken by at least two people experienced in materials handling as the cabinets are large and heavy.

All cabinets must fixed to a wall or mounted on the wall (raised above ground level to improve access). See Table 1 for cabinet mounting options for each cabinet type.

<table>
<thead>
<tr>
<th>Cabinet Type</th>
<th>Ability to Use Under Desk</th>
<th>Ability to Mount on Optional Base</th>
<th>Ability to Floor Mount</th>
<th>Ability to Wall Mount</th>
<th>Secure to Wall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Compact</td>
<td>Yes</td>
<td>No</td>
<td>Not recommended</td>
<td>Yes</td>
<td>Advisable</td>
</tr>
<tr>
<td>Small</td>
<td>Yes</td>
<td>Yes</td>
<td>Not recommended</td>
<td>Yes</td>
<td>Required</td>
</tr>
<tr>
<td>Midi</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>Yes</td>
<td>Required</td>
</tr>
<tr>
<td>Large</td>
<td>No</td>
<td>Yes</td>
<td>Yes</td>
<td>No</td>
<td>Required</td>
</tr>
</tbody>
</table>
When fixing a cabinet to the wall for safety reasons or to raise the cabinet up to a more accessible height, it is important to correctly identify the type of wall that the cabinet is securing to. The type of wall determines the type of fixings used (see Table 2). All types must not be countersunk. The head of the fixing must have a flat surface to make good contact with the cabinet.

**IMPORTANT:** If the selected wall is a stud wall, then professional advice must be sought as to the loading that can be placed on the wall and if it needs to be reinforced.

### Table 2  Cabinet Wall Fixings

<table>
<thead>
<tr>
<th>Mounting Type</th>
<th>X-Large</th>
<th>Extreme</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ability to Use Under Desk</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ability to Mount on Optional Base</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Ability to Floor Mount</td>
<td>Yes</td>
<td>Yes</td>
</tr>
<tr>
<td>Ability to Wall Mount</td>
<td>No</td>
<td>No</td>
</tr>
<tr>
<td>Secure to Wall</td>
<td>Required</td>
<td>Required</td>
</tr>
</tbody>
</table>

When fixing a cabinet to the wall for safety reasons or to raise the cabinet up to a more accessible height, it is important to correctly identify the type of wall that the cabinet is securing to. The type of wall determines the type of fixings used (see Table 2). All types must not be countersunk. The head of the fixing must have a flat surface to make good contact with the cabinet.

**IMPORTANT:** If the selected wall is a stud wall, then professional advice must be sought as to the loading that can be placed on the wall and if it needs to be reinforced.

### Table 2  Cabinet Wall Fixings

<table>
<thead>
<tr>
<th>Mounting</th>
<th>Floor Mounted</th>
<th>Base Mounted</th>
<th>Desk Mounted</th>
<th>Base Mounted</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Brick Wall</td>
<td>Stud Wall</td>
<td>Brick Wall</td>
<td>Stud Wall</td>
</tr>
<tr>
<td>Compact</td>
<td>n/a</td>
<td>n/a</td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td>Small</td>
<td>n/a</td>
<td>n/a</td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td>Midi</td>
<td>Type 1</td>
<td>Type 2</td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td>Large</td>
<td>Type 1</td>
<td>Type 2</td>
<td>Type 1</td>
<td>Type 2</td>
</tr>
<tr>
<td>X-Large</td>
<td>Type 1</td>
<td>Type 2</td>
<td>n/a</td>
<td>n/a</td>
</tr>
<tr>
<td>Extreme</td>
<td>Type 1</td>
<td>Type 2</td>
<td>n/a</td>
<td>n/a</td>
</tr>
</tbody>
</table>

### Mounting the Cabinet

**IMPORTANT:** Follow these guidelines to ensure the cabinet is mounted safely and securely.

There are four keyhole locations (See Figure 3 on page 28) on the outside back of the cabinet that are used to mount the cabinet to a wall. All four must be used when wall mounting.

The mounting holes accept fixings up to 10 mm in diameter and must be suitable to carry the weight of a fully loaded cabinet.

**NOTE:** A typical fixing used are Rawlplug fixings (part number R-FF1-K-A4) which are only suitable for solid walls. If your wall is made from other materials, a different type of fixing may be required (see Cabinet Mounting Considerations on page 25). Consult with your facilities or site manager to ascertain the correct fixing method to use.

To mount the cabinet:

1. After the correct type of fixing is determined, mark the four fixing locations on the wall ensuring that they are level and square. See Table 3 on page 27 for measurements.
2. Insert the fixings but do not tighten completely.
3. Ensure that all the shelves and equipment are removed from the cabinet.

**NOTE:** If the cabinet is raised and hung on fixings, at least two people trained in material handling techniques must be used for cabinet mounting.
4. Once in position, tighten the fixings. Confirm that the cabinet is square.

5. Install the shelves and equipment (see Shelf Assembly on page 29).

**Table 3  Cabinet Measurements**

<table>
<thead>
<tr>
<th>Cabinet Type</th>
<th>Width</th>
<th>Height</th>
<th>Fixing Width</th>
<th>Fixing Height</th>
<th>Base Fixing Height</th>
</tr>
</thead>
<tbody>
<tr>
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<td>480 mm</td>
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<td>(12.99 in.)</td>
<td>(18.89)</td>
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<td>(9.86 in.)</td>
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<td>(27.64 in.)</td>
<td>(39.86 in.)</td>
<td>(23.23 in.)</td>
<td>(30.70 in.)</td>
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<tr>
<td>Midi</td>
<td>702 mm</td>
<td>1312.5 mm</td>
<td>590 mm</td>
<td>1080 mm</td>
<td>164 mm</td>
</tr>
<tr>
<td></td>
<td>(27.64 in.)</td>
<td>(51.67 in.)</td>
<td>(23.23 in.)</td>
<td>(42.51 in.)</td>
<td>(6.48 in.)</td>
</tr>
<tr>
<td>Large</td>
<td>702 mm</td>
<td>1612.5 mm</td>
<td>590 mm</td>
<td>1380 mm</td>
<td>164 mm</td>
</tr>
<tr>
<td></td>
<td>(27.64 in.)</td>
<td>(63.48 in.)</td>
<td>(23.23 in.)</td>
<td>(54.33 in.)</td>
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</tr>
<tr>
<td>X-Large</td>
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<td>1912.5 mm</td>
<td>590 mm</td>
<td>1680 mm</td>
<td>164 mm</td>
</tr>
<tr>
<td></td>
<td>(27.64 in.)</td>
<td>(75.29 in.)</td>
<td>(23.23 in.)</td>
<td>(66.14 in.)</td>
<td>(6.48 in.)</td>
</tr>
<tr>
<td>Extreme</td>
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<td>1912.5 mm</td>
<td>1090 mm</td>
<td>1680 mm</td>
<td>164 mm</td>
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<tr>
<td></td>
<td>(47.24 in.)</td>
<td>(75.29 in.)</td>
<td>(42.91 in.)</td>
<td>(66.14 in.)</td>
<td>(6.48 in.)</td>
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</table>
Figure 3  Cabinet Keyhole Locations
Shelf Assembly

Assembly Instructions
Read these instructions thoroughly before assembling the cabinet shelves.

NOTE: The graphics shown in this document depict a medium size cabinet. The colors are used to clearly distinguish different elements only and do not reflect the actual cabinet colors.

Parts List
Verify that you have the following items:

<table>
<thead>
<tr>
<th>Standard shelf</th>
<th>Stadium shelf</th>
<th>Mounting plate</th>
</tr>
</thead>
</table>

Fixings Required

| M6 x 12 mm Button head TX30
| M5 x 20 mm Thumb screw |
Tools Required

Cabinet Shelf Assembly

Inserting Standard Shelves

1. Tilt the standard shelf (1) 45 degrees as you insert it in the cabinet. Once the shelf is past the cabinet doors, straighten the shelf.

2. Latch the back of the shelf onto the slotted back panel (2) of the cabinet.
3. Rest the front of the shelf on the front brackets (3) located behind each cabinet door.

Continue steps until all of the required standard shelves are installed.

**Inserting Stadium Shelves**

1. Tilt the stadium shelf (1) 45 degrees as you insert it in the cabinet. Once the shelf is past the cabinet doors, straighten the shelf.
2. Insert the back of the stadium shelf onto the slotted back panel of the cabinet one slot above the standard shelf.

Continue steps until all of the required stadium shelves are installed.

**Attaching Cradles**

1. Place the device cradles onto the stadium shelves.

2. Secure the cradles by inserting thumb screws from the underside of the stadium shelf and thread into the bottom of each cradle.
3. A mounting plate (2) is used to add cradles to the bottom of the cabinet (which does not contain a stadium shelf). Loosely attach the mounting plate to the front bracket using the M6 x 12 Button head TX30 screws.

4. Lift the mounting plate up and attach the thumb screws (3) from the underside of the mounting plate and thread into the bottom of each cradle. When complete, push the mounting plate down so that it is flush with the bottom of the cabinet.

**Attaching Cables**

**WARNING:** Ensure that the mains power is off before performing the following procedure.

1. Position the PSU (1) to the right of centre (when viewed from the front) to enlarge the area available to manage the DC cable.
2. Plug the AC mains lead into the PDU and the other end into the PSU.

3. Plug the 8-way end of the DC cable into the PSU and carefully coil the DC lead into a 125 mm/5 in. diameter loop (2) and loosely secure with two cable ties.

4. Plug the 4-way end of the DC cable into the Cradle

5. Tidy the cable loop and tighten the cable ties.
## Specifications

### Table 4  Cabinet Specifications

<table>
<thead>
<tr>
<th>Cabinet</th>
<th>Compact</th>
<th>Small</th>
<th>Midi</th>
<th>Large</th>
<th>X-Large</th>
<th>Extreme</th>
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<td>Flat Pack</td>
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<td>Cabinet Mounting/ Securing</td>
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<td>Minimum Two-Three People Required</td>
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<tr>
<td>Shelf, PDU and Cradle Installation</td>
<td>Cradle, PSU (Not PDU Fitted)</td>
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<td></td>
<td></td>
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<td>Same for all Configurations</td>
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