This elegant and functional entertainment center was designed with modern electronics in mind. It features ample room for a flat panel television, numerous options for component storage, slots in the rear for air exchange, and a secret cubby in the back for storing a surge protector. And perhaps the best part is that the entire thing can be built with a very modest collection of portable power tools, including a circular saw, a router, a drill, and a sander.
Overall Dimensions

Don't be afraid to play with these dimensions to suit your personal needs.
**Exploded View**

- **K** Handle
- **C** Door Panel
- **J** Top/Bottom
- **O** Edging for Top/Bottom - Short
- **N** Edging for Top/Bottom - Long
- **A** Back Panel - Center
- **B** Back Panel - Side
- **H** Shelf - Side
- **I** Side Panel
- **M** Facing - Divider Panels
- **L** Edge Banding - Shelf
- **G** Shelf - Center
- **O** Edging for Top/Bottom - Short
- **N** Edging for Top/Bottom - Long
- **J** Top/Bottom
- **E** Base Side
- **D** Base Front/Back

**TIP:** Cut similar parts at the same time to ensure accuracy.

TheWoodWhisperer.com
# Cut List

<table>
<thead>
<tr>
<th>Part ID</th>
<th>Part Description</th>
<th>Material</th>
<th>Qty</th>
<th>Dims (Width x Length)</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>Back Panel - Center</td>
<td>1/4&quot; Veneer Plywood</td>
<td>1</td>
<td>21&quot; W x 19 1/4&quot; L</td>
</tr>
<tr>
<td>B</td>
<td>Back Panel - Side</td>
<td>1/4&quot; Veneer Plywood</td>
<td>4</td>
<td>9 1/2&quot; W x 19 1/4&quot; L</td>
</tr>
<tr>
<td>C</td>
<td>Door Panel</td>
<td>1/4&quot; Veneer Plywood</td>
<td>2</td>
<td>18 3/4&quot; W x 20 7/8&quot; L</td>
</tr>
<tr>
<td>D</td>
<td>Base Front/Back</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>3&quot; W x 43&quot; L</td>
</tr>
<tr>
<td>E</td>
<td>Base Side</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>3&quot; W x 21&quot; L</td>
</tr>
<tr>
<td>F</td>
<td>Center Divider</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>19 7/8&quot; W x 21&quot; L</td>
</tr>
<tr>
<td>G</td>
<td>Shelf - Center</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>15&quot; W x 18 3/8&quot; L</td>
</tr>
<tr>
<td>H</td>
<td>Shelf - Side</td>
<td>3/4&quot; Veneer Plywood</td>
<td>4</td>
<td>19&quot; W x 18 3/8&quot; L</td>
</tr>
<tr>
<td>I</td>
<td>Side Panel</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>21&quot; W x 21&quot; L</td>
</tr>
<tr>
<td>J</td>
<td>Top / Bottom</td>
<td>3/4&quot; Veneer Plywood</td>
<td>2</td>
<td>22 1/2&quot; W x 60 1/2&quot; L</td>
</tr>
<tr>
<td>K</td>
<td>Handle</td>
<td>Hardwood of choice</td>
<td>2</td>
<td>3/4&quot; Thick x 3/4&quot; W x 4&quot; L</td>
</tr>
<tr>
<td>L</td>
<td>Edge Banding - Shelf</td>
<td>Walnut (Use Offcuts)</td>
<td>6</td>
<td>3/4&quot; W x 18 3/8&quot; L</td>
</tr>
<tr>
<td>M</td>
<td>Facing - Divider Panels Edging for Top/Bottom (Long)</td>
<td>Walnut</td>
<td>8</td>
<td>1/4&quot; Thick x 3/4&quot; W x 21&quot; L</td>
</tr>
<tr>
<td>N</td>
<td>Edging for Top/Bottom (Short)</td>
<td>Walnut</td>
<td>4</td>
<td>3/4&quot; Thick x 1 1/2&quot; W x 62&quot; L</td>
</tr>
<tr>
<td>O</td>
<td></td>
<td>Walnut</td>
<td>4</td>
<td>3/4&quot; Thick x 1 1/2&quot; W x 24&quot; L</td>
</tr>
</tbody>
</table>

**Notes:**

Dimensions for all plywood parts are before adding edge banding.

Use Offcuts from Top/Bottom Edging (N) and (O) to make Shelf Edge Banding (L).

**Grain direction should align with the length of each part.**
TIP: Rough cut parts first, then trim to final size.
Top & Bottom Details

TIP: Layout center line of dadoes to eliminate error.

NOTE: Adjust the length of the dado for the side panel if you do not use ¼" edge banding.

NOTE: Stop the dado for center dividers 1/8” before the door slot.

Profile of Top & Bottom with Edging

TIP: Layout center line of dadoes to eliminate error.
**Side Panel Details**

**NOTES:**
- Both side panels are identical except for the mirrored hole layout.
- Measure up from the bottom edge when laying out the holes.
- Spacing shown for the middle holes will achieve equal height openings.
- Holes above and below the middle position are typically 1 1/4" on center.

Cover edges with 1/4" banding then make rabbets for back panel.
**Center Divider Details**

**NOTES:**
- Both center panels are identical except for the mirrored hole layout.
- Measure up from the bottom edge when laying out the holes.
- Spacing shown for the middle holes will achieve equal height openings.
- Holes above and below the middle position are typically 1 1/4” on center.

**TIP:** The hole layouts are unique on each panel. Double check them!
Shelf Details

Center Shelves

Side Shelves

Shelf edge banding uses offcuts from Top/Bottom edging.

Side shelves have 1/4” gap behind them for cables and wires.

Beveled shelf fronts use the same shapes as Top & Bottom edges.

Beveled edge banding provides a custom look!
The door handles are closer to the bottom of the door panels so that they will appear centered in the vertical opening.

Measure from the bottom of the door when laying out the handles.
Back Panel Details

TIP: Verify measurements with a dry assembly before final cuts.
**Base Details**

*TIP: The base is attached to the bottom panel with pocket screws.*