Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

Completed Desk with Leg
(shape, size and leg style may vary)
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B).

Detail A

Detail B

Post Leg

Column

T-Leg

(6x) 1B5SVB 1/4-20 x 3/4" flat head machine screws

Align end of beam (not caps) with end of leg plate.

Note: On Column and T-Leg, the leg is installed with the smaller notch on the base oriented towards the outside.
2. Locate Leg/Beam Assembly on Desk Top
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using (10x) #8 x 1" pan head wood screws (51153). Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).

   ![Diagram](image1)
   ![Diagram](image2)
   ![Diagram](image3)
   ![Diagram](image4)

   **X = 12" on 30" deep bullet top**
   **X = 15" on 36" deep bullet top**

   **On 30"/42" deep conference top, X=18", Y=18"**
   **On 36"/48" deep conference top, X=20", Y=24"**

   **51153 #8 x 1" pan head wood screw**

   **51153 (10x) #8 x 1" Pan head wood screws**
Geiger Levels

ROS-LBLDL Geiger Levels Bi Level Desk with Leg

3. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

4. Attach Shroud Bracket to Desk Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" pan head wood screws (51153).

(5x) 51153 #8 x 1" pan head wood screw
5. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.

Notch located facing outwards

(12x) #8 x 1” pan head wood screw (51153)
Geiger Levels

Geiger Levels Bi Level Desk with Leg 1B5S4W

6. Attach Desk to Shroud
   A. Carefully flip assembled desk upright.
   B. Lift desk over shroud and carefully place shroud bracket within shroud. See Detail E.
   C. Align shroud bracket holes with shroud holes.
   D. Using (4x) 1/4\"-20 x 1/2\" machine screws, fasten shroud bracket to shroud.
   E. Level desk.

---

**Detail E**

- Shroud bracket inserts inside shroud
- Holes align
- 1/4\-20 x 1/2\" machine screws attach

---

(4x) 1/4-20 x 1/2" machine screws
7. Attach Cover panels
   Does not apply to Round column legs
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Parts List

Tools Required
- Cordless drill
- Drill bits:
  - #2 Robertson or #2 Philips

Panel With Magnets
1B2PLK
(x1)

Attachment Brackets
1B2PLK
(x2)

#8 x 1” Pan Head Wood Screw
51153
(x4)

Safety Clip
1B12K0
(x2)

ROS-LVLAP Geiger Levels Access Panel
1B5TFT
1. Install Access Panel
   A. Locate access panel brackets over magnets allowing 2\" of clearance between the top of the bracket and the top of the panel.
   B. Locate panel relative to furniture as shown below.
   C. Attach L Brackets to underside of top using #8 x 1\" (51153) pan head wood screws.
   D. Extend levelers to floor as required.
2. Install Safety Clips
   A. Slide safety clips (1BJ2K0) over panel and then over brackets
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

Completed Bi-Level Rear Unit
(Storage may vary)

Credenza Top
(x1)

Pedestal
(varies)

Shroud
1B5BCB
(x1)

Shroud Bracket
1B5BDT
(x1)

#8 x 1" Pan Head Wood Screw
51153
(xVaries with storage)

#8 x 1" Flat Head Wood Screw
50162
(x5)

1/4-20 x 1/2" Button Head
Machine Screw
(x6)
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Credenza Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1” flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind credenza, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top, right handing shown, left opposite. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.
4. Attach Credenza to Shroud
   A. Carefully flip assembled credenza top upright.
   B. Set pedestal(s) at end of credenza roughly in position to support end of credenza top.
   C. Lift credenza top over shroud and then down so that shroud bracket is within shroud. See Detail C.
   D. Align shroud bracket holes with shroud holes.
   E. Using (6x) 1/4”-20 x 1/2” machine screws, fasten shroud bracket to shroud.
   F. Set pedestal(s) into final location and attach to credenza top.
   G. Level credenza.
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Cordless Right Angle Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Desk with Pedestal
(desk shape may vary)
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Desk Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.
4. Attach Desk to Shroud
   A. Carefully flip assembled desk upright.
   B. Lift desk over shroud and then down so that shroud bracket is within shroud. See Detail B.
       Use Pedestal to support end of desk while installing desktop to shroud.
   C. Align shroud bracket holes with shroud holes.
   D. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   E. Align and fasten pedestal to desk top.
   F. Level desk.

**Detail B**
- Shroud bracket inserts inside shroud
- Holes align
- 1/4-20 x 1/2" machine screws attach
5. Attach Beam Cover
   A. Insert Beam Cover flanges into beams and gently tap into beams until they are flush.

6. Attach Beam To Desk Top
   A. Align beam flush to pedestal and recessed as shown in Detail C.
   B. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
## Parts List

### Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

### Completed Desk with End Panel

<table>
<thead>
<tr>
<th>Component</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desk Top (Style may vary)</td>
<td>(x1)</td>
</tr>
<tr>
<td>Left End Cap</td>
<td>(x1)</td>
</tr>
<tr>
<td>Right End Cap</td>
<td>(x1)</td>
</tr>
<tr>
<td>End Panel</td>
<td>(x1)</td>
</tr>
<tr>
<td>Shroud 1B5BCB</td>
<td>(x1)</td>
</tr>
<tr>
<td>Shroud Bracket 1B5BDT</td>
<td>(x1)</td>
</tr>
<tr>
<td>End Bracket 1B59NT</td>
<td>(x1)</td>
</tr>
<tr>
<td>#8 x 1&quot; Pan Head Wood Screw 51153</td>
<td>(x12)</td>
</tr>
<tr>
<td>1/4-20 x 3/4&quot; Flat Head Machine Screw 1B5SVB</td>
<td>(x6)</td>
</tr>
<tr>
<td>1/4-20 x 1/2&quot; Button Head Machine Screw 50162</td>
<td>(x6)</td>
</tr>
</tbody>
</table>

---

*Right ON SITE Installation Principles*

ROS-LVBDE Geiger Levels Bi Level Desk with End Panel 1B5VJ4
1. Attach End Bracket To End Panel
   A. Using pilot holes on inside of end panel as a guide, fasten end bracket to panel using (6x) #8 x 1” Flat Head Wood Screw (50162).

2. Attach Beams To End Bracket
   A. Fasten beams to end bracket using (6x) 1/4-20 x 3/4" Flat Head machine screws (1B5SVB).
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at open ends and gently tap into beams until they are flush.

4. Attach End Panel Assembly To Top
   A. Align End Panel to edge of desk top and center end panel side to side with desk top.
   B. Fasten end bracket to top using (6x) #8 x 1" Pan Head Wood Screw (51153).
   C. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
5. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

6. Attach Shroud Bracket to Desk Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
7. **Attach Shroud to Lowboy Credenza**
   
   A. Position lowboy credenza at its final location and level.
   
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   
   C. Locate shroud on lowboy credenza top. See details below.
   
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.
8. Attach Desk to Shroud
   A. Carefully flip assembled desk upright.
   B. Lift desk over shroud and then down so that shroud bracket is within shroud. See Detail E.
   C. Align shroud bracket holes with shroud holes.
   D. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   E. Level desk.
Parts List

Tools Required
- Measuring Tape
- Pencil
- Cordless drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Desk with Leg
(shape, size and leg style may vary)

Completed Desk with Leg
(shape, size and leg style may vary)

Desk Top (Shape and Size vary) (x1)

Leg (Type varies, see variations below) (x1)

Leg Panel (not included with round leg) (x2)

L Panel (x1)

Beam (x2)

Left End Cap 1B59NW (x1)

Right End Cap 1B59NV (x1)

Machine Screw 1/4-20 x 3/4" Flat Head 1B55VB (x6)

#8 x 1" Pan Head Wood Screw 51153 (xVaries with Beam length)

#8 x 1" Flat Head Wood Screw 50162 (x10)
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate (Detail B).

   Align end of beam (not caps) with end of leg plate.

   (6x) 1B5SSVB 1/4" x 2" flat head machine screws
2. Locate Leg/Beam Assembly on Desk Top
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using #8 x 1” pan head wood screws. Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1” pan head wood screws. Detail C.

   ![Diagram of Leg/Beam Assembly]

   - X = 12” on 30” deep bullet top
   - X = 15” on 36” deep bullet top

   - On 30”/42” deep conference top, X=18”, Y=18”
   - On 36”/48” deep conference top, X=20”, Y=24”

   Detail C
   Finished Assembly

   - 51153 #8 x 1” pan head wood screw

   - 51153 #8 x 1” pan head wood screw
3. Attach L Panel
   A. Join L panels by sliding panel with connectors on exterior over and onto panel with connectors embedded inside mortise.
   B. Carefully flip desktop/leg assembly over and place over L panel assembly.
   C. Using (8x) #8 x 1" pan head wood screws (51153), attach desktop to L panel brackets.
   D. Level desk.
4. Attach Cover panels
   Does not apply to Round column legs
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Drill bits:
  - #2 Robertson
  - #2 Phillips

---

Cabinet (Size may vary) (x1)
Left End Cap 1B59NN (x1)
Right End Cap 1B59NM (x1)
#8 x 5/8" Pan Head Wood Screw 51238 (x6)

Actual style may vary
1. Locate Hanging Cleat
   A. The wall mounting cleat ships attached to the back of the overhead. Using a #2 Robertson bit screwdriver, remove the cleat from the cabinet.
   B. Starting from the highest point of the floor, measure up to locate the hanging cleat (Detail A).
   C. Locate the hanging cleat on the line, centered on the space the overhead will hang. The hanging cleat is made approximately 4" shorter than the cabinet to allow for lateral adjustment. Mark the rail with the drilling locations required for mounting.

2. Drill the Hanging Cleat
   A. Drill the hanging cleat (wall attached portion) for the mounting hardware i.e., screws, toggle bolts, etc. The first screws and/or toggles should be started 2" down and 2" over from the top corner of the cleat on both sides. Stagger the rest 6 8" apart per the diagram below. The top row should be 2" down from the top of the cleat and the bottom row should be 4" down from the top of the cleat. In addition, locate studs and secure with two screws per stud. It is the responsibility of the installer to use appropriate fastening hardware for the existing conditions. See Detail B.

![Diagram of Detail A and Detail B]
3. Attach Beam Caps
   A. If a task light has been specified, install task light now while overhead cabinet is not yet attached to wall. See separate task light installation instructions.
   B. Slide left and right beam caps into beams.
   C. Using #8 x 5/8" pan head wood screws (51238), fasten beam caps to underside of overhead cabinet.

4. Attach Wall Mount Overhead
   A. Raise the overhead above the hanging cleat and lower into position.
Geiger Shelf

Right ON SITE

Installation Principles

ROS-LVMP Geiger Levels Modesty Panel 1B5VJ7

Note: Details apply, however the actual configuration of your product may vary from what is depicted here.

Parts List

Tools Required
- Cordless drill
- Drill bits:
  - #3 Phillips
  - #2 Square Robinson

Panel (x1)
Bracket 1BCY11 (x2)
Machine Screw 1/4-20 x 3/4" Flat Head 1B5SVB (x4)
#8 x 3/4" Flat Head Wood Screw 56137 (x6)
#10 x 1" Flat Head Wood Screw 1B529L (x6)
ROS-LVMP Geiger Levels Modesty Panel 1B5VJ7
Note: Details apply, however the actual configuration of your product may vary from what is depicted here.

Beam Attached Application (see next page for worksurface attached application)

1A. Attach Brackets
   A. Using pilot holes, fasten brackets securely using #8 x 3/4" wood screws (56137).

   ![Diagram of bracket attachment]

   Note: Use pilot holes 2nd and 4th down from top. Last hole on bracket will not have pilot hole.

2A. Attach Panel with Brackets to Beam
   A. Fasten panel to beams using 1/4-20 x 1/2" machine screws (1B5SVB). See section Detail A.

   ![Diagram of panel attachment]

   See below for panel left to right location.
1B. Attach Brackets
   A. Using pilot holes, fasten brackets securely using #8 x 3/4" wood screws (56137).

Note: Use pilot holes 1st, 3rd and 5th down from top.
Parts List

Tools Required
- Measuring Tape
- 4' level
- Rubber Mallet
- Cordless Drill
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Completed Table Desk
(shape may vary)

<table>
<thead>
<tr>
<th>Desk Top (Shape and size may vary) (x1)</th>
<th>Leg (x2)</th>
<th>Beam (x2)</th>
<th>Left End Cap 1B59NW (x2)</th>
<th>Right End Cap 1B59NV (x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leg Cable Covers (x2 sets of two)</td>
<td>Cantilever Bracket 1B5SSV (x2)</td>
<td>Machine Screw 1/4-20 x 3/4&quot; Flat Head 1B5SVB (x18)</td>
<td>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with beam size)</td>
<td></td>
</tr>
</tbody>
</table>
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B). See Detail C to determine leg offset. Legs should be offset equally from center of beams.

   Note: Install legs with smaller radius cutout towards outside.
2. Attach Beam and Legs to Top
   A. Lay desk top upside down on clean, protected surface.
   B. Center leg and beam assembly on underside of table top.
   C. Fasten leg top plates to table top using (20x) #8 x 1" pan head wood screws (51153).
   D. Fasten beams to table top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).

3. Attach Cantilever Brackets
   A. Fasten cantilever brackets to table legs using (6x) 1B5SVB 1/4-20 x 3/4" flat head machine screws.
   B. Fasten cantilever brackets to table top using (16x) #8 x 1" Pan Head Wood Screw 51153.
   C. Carefully flip table over, set in place and level.
7. Attach Cover panels
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Geiger Levels

Parts List

Tools Required
- Measuring Tape
- Pencil
- Cordless drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Desk with Leg
(shape, size and leg style may vary)

<table>
<thead>
<tr>
<th>Desk Top (Shape and Size vary) (x1)</th>
<th>Leg (Type varies, see variations below) (x1)</th>
<th>Leg Panel (not included with round leg) (x2)</th>
<th>Beam (x2)</th>
<th>Left End Cap (x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image" alt="Desk Top" /></td>
<td><img src="image" alt="Leg" /></td>
<td><img src="image" alt="Leg Panel" /></td>
<td><img src="image" alt="Beam" /></td>
<td><img src="image" alt="Left End Cap" /></td>
</tr>
<tr>
<td><img src="image" alt="Right End Cap" /></td>
<td><img src="image" alt="Flat Bracket" /></td>
<td><img src="image" alt="Machine Screw" /></td>
<td>#8 x 1&quot; Pan Head Wood Screw (xVaries with Beam length)</td>
<td>#8 x 1&quot; Flat Head Wood Screw (x16)</td>
</tr>
<tr>
<td><img src="image" alt="Leg Panel" /></td>
<td><img src="image" alt="Machine Screw" /></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><img src="image" alt="Beam" /></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

ROS-LRDL Geiger Levels Runoff Desk with Leg 1B5VJ9
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate (Detail B).

Detail A
Align end of beam (not caps) with end of leg plate.

Detail B

(6x) 1B5SVB 1/4-20 x 1/2" flat head machine screws

Align end of beam (not caps) with end of leg plate.
2. Locate Leg/Beam Assembly on Desk Top
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using #8 x 1" pan head wood screws. Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws. Detail C.

X = 12" on 30" deep bullet top
X = 15" on 36" deep bullet top

On 30"/42" deep conference top, X=18", Y=18"
On 36"/48" deep conference top, X=20", Y=24"

Detail C

Finished Assembly
3. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
   E. Level runoff desk.
4. Attach Cover panels
   Does not apply to Round column legs
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Parts List

Tools Required
- Measuring Tape
- Pencil
- Cordless drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Desk with End Panel

<table>
<thead>
<tr>
<th>Desk Top (x1)</th>
<th>End Panel (x1)</th>
<th>Beam (x2)</th>
<th>End Bracket 1B99NT (x1)</th>
<th>Left End Cap (x1)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image1" alt="Desk Top" /></td>
<td><img src="image2" alt="End Panel" /></td>
<td><img src="image3" alt="Beam" /></td>
<td><img src="image4" alt="End Bracket" /></td>
<td><img src="image5" alt="Left End Cap" /></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Right End Cap (x1)</th>
<th>Flat Bracket 10188 (x2)</th>
<th>Machine Screw 1/4-20 x 3/4&quot; Flat Head 1B55VB (x6)</th>
<th>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with Beam length)</th>
<th>#8 x 1&quot; Flat Head Wood Screw 50162 (x22)</th>
</tr>
</thead>
<tbody>
<tr>
<td><img src="image6" alt="Right End Cap" /></td>
<td><img src="image7" alt="Flat Bracket" /></td>
<td><img src="image8" alt="Machine Screw" /></td>
<td><img src="image9" alt="Pan Head Wood Screw" /></td>
<td><img src="image10" alt="Flat Head Wood Screw" /></td>
</tr>
</tbody>
</table>
1. Attach End Bracket To End Panel
   A. Using pilot holes on inside of end panel as a guide, fasten end bracket to panel using (6x) #8 x 1" Flat Head Wood Screw (50162).

2. Attach Beams To End Bracket
   A. Fasten beams to end bracket using (6x) 1/4-20 x 3/4" Flat Head machine screws (1B5SVB).
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at open ends and gently tap into beams until they are flush.

4. Attach End Panel Assembly To Top
   A. Align End Panel to edge of desk top and center end panel side to side with desk top.
   B. Fasten end bracket to top using (6x) #8 x 1" Pan Head Wood Screw (51153).
   C. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
5. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
   E. Level runoff desk.
Parts List

Tools Required
- Measuring Tape
- Pencil
- Cordless drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Desk with End Panel

Desk Top
(size and shape may vary)
(x1)

Pedestal
(x1)

Beam
(x1)

Left End Cap
(x1)

Right End Cap
(x1)

Flat Bracket
10188
(x2)

#8 x 1” Pan Head Wood Screw
51153
(xVaries with Beam length)

#8 x 1” Flat Head Wood Screw
50162
(x16)

Geiger Levels Runoff Desk with Pedestal

Installation Principles

ROS-LVRDP Geiger Levels Runoff Desk with Pedestal 1B5VJC
1. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
   *(Use unattached pedestal to support opposite end of desk top).*
2. Attach Pedestal
   A. Remove drawers for access to pedestal interior.
   B. Position pedestal so that edge of pedestal aligns with edge of desk top and front edge of pedestal aligns with desk edge profile as shown below.
   C. Fasten pedestal to desktop using (4x) #8 x 1” pan head wood screws (51153).
   D. Level desk and pedestal.
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).

4. Attach Beam to Desktop
   A. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).
      Set back beam from face of pedestal by 1 1/2".
      Beam should be flush up to side of pedestal.
Parts List

Tools Required
- Cordless drill
- Drill bits:
  - #3 Phillips
  - #2 Robertson

<table>
<thead>
<tr>
<th>Top, Square or Round (x1)</th>
<th>Base (x1)</th>
<th>Beam (x2)</th>
</tr>
</thead>
<tbody>
<tr>
<td>![Top Image]</td>
<td>![Base Image]</td>
<td>![Beam Image]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Left End Cap 1B59NW (x2)</th>
<th>Right End Cap 1B59NV (x2)</th>
<th>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with beam size)</th>
<th>Machine Screw 1/4-20 x 3/4&quot; Flat Head 1B5SVB (x6)</th>
</tr>
</thead>
</table>
1. Assemble Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).

2. Attach Beams to Table Base
   A. Attach beams to Leg top plate (Detail B).
3. Attach Base with Beams to Top
   A. Lay desk top upside down on clean, protected surface.
   B. Center base assembly under top.
   C. Attach top plate to table top using #8 x 1" pan head wood screws.
   D. Attach beams to table top through pre-drilled holes in beams using #8 x 1" pan head wood screws.
   E. Carefully flip table over and level.

Note: On square table, angle the base per sketch.
Parts List

Tools Required
- Cordless Drill
- Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Completed Tackboard
(Shown from back)

<table>
<thead>
<tr>
<th>Tackboard</th>
<th>Upper Clip</th>
<th>Lower Panel Clip</th>
<th>Lower Wall Clip</th>
<th>#8 x 1” Flat Head Wood Screw</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x1)</td>
<td>1B4Y4H</td>
<td>1B4Y4F</td>
<td>1B4Y4G</td>
<td>50162</td>
</tr>
<tr>
<td></td>
<td>(x2)</td>
<td>(x2)</td>
<td>(x2)</td>
<td>(x10)</td>
</tr>
</tbody>
</table>
1. **Attach Clips to Tackboard**  
   Note: (Only Applies to Wall Mount tackboards, For Upper Storage Unit, insert lower panel clips in tackboard as shown below and then proceed to Step 4. Upper clips and Lower Wall clips come pre-attached to back panel of Hutch).  
   A. Insert lower panel clips centered in lower slot on tackboard and tap upward until it is fully engaged at bottom of tackboard. Make sure clip sits flush in slot.  
   B. Insert upper clips, centered in upper slots. Tap down until fully engaged.  
   C. Snap lower wall clips onto lower panel clips.

2. **Locate Tackboard on Wall**  
   A. Press tackboard with clips attached and facing the wall, firmly onto the wall in its intended location.  
   B. Remove tackboard from wall. The upper clips and the lower wall clips will have left perforations in the wall that act as a guide when attaching clips to the wall.  
   C. Remove upper clips and lower wall clips from tackboard (but not lower panel clips).
3. **Attach Clips to Wall**
   A. Using perforations in the wall as a guide, fasten upper clips and lower wall clips to wall using #8 x 1" flat head screws.

4. **Attach Tackboard to Clips**
   A. Slide tackboard upwards into upper clips using perforations on top edge of tackboard as a guide.
   (Note: If there is a task light cord, it must be fed behind tackboard, make sure cord sits in groove near the end of the tackboard).
   (Note: For Upper Storage unit application, make sure tackboards are set tight to inside of hutch end panels).
   B. Snap lower panel clips onto lower wall clips.
# Parts List

### Tools Required
- Cordless drill
- Drill bits:
  - #2 Robertson or
  - #2 Phillips

## Diagram
![Diagram of Geiger Levels](image)

<table>
<thead>
<tr>
<th>Part</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Upper Storage Unit</td>
<td>(x1)</td>
</tr>
<tr>
<td>Stabilizer Bracket 1B5SR9</td>
<td>(x2)</td>
</tr>
<tr>
<td>Foam Strip with self adhesive Backing</td>
<td></td>
</tr>
<tr>
<td>1 3/4&quot; Titus Screw 59341</td>
<td>(x4)</td>
</tr>
<tr>
<td>#8 x 1 1/2&quot; Flat Head Wood Screw 50165</td>
<td>(x8)</td>
</tr>
</tbody>
</table>
1. Attach Closed Cell Foam
   A. Cut two strips of the closed cell foam to the width of the end panel.
   B. Peel off the paper backing, exposing the adhesive side and attach to the bottom edge of the end panels.

2. Attach Stabilizer Brackets to Worksurface
   A. Locate stabilizer brackets 2 3/4" in from where upper storage end panels will be placed.
   B. Fasten stabilizer brackets to back edge of worksurface below upper storage using (2x per bracket) 1 3/4" titus screws (59341).

Note: Upper storage shown for illustration purposes. Upper storage installed in next step.
3. Place Upper Storage
   A. Place upper storage above worksurface in its final position.
   B. Attach upper storage to stabilizer brackets using (8x) #8 x 1 1/2" flat head wood screws (50165).
### Parts List

**Tools Required**
- Cordless drill
- Drill bits:
  - #2 Robertson or
  - #2 Phillips

---

![Completed Cable manager. Mounts to underside of lowboy credenza tops, below grommet hole](image)

<table>
<thead>
<tr>
<th>Part</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cable Manager</td>
<td>1B5BYG (x1)</td>
</tr>
<tr>
<td>#8 x 5/8” Pan Head Wood Screw</td>
<td>51238 (x5)</td>
</tr>
</tbody>
</table>
1. Attach Cable Manager
   A. Align cable manager with the lowboy credenza top grommet hole.
   B. Cable manager should be directed towards electrical source when used with an equipment pedestal, but should be installed directed left or right when used over any other lowboy storage unit.
   C. Fasten cable manager to underside of equipment storage unit or to underside of credenza top for other units, using (5x) #8 x 5/8” pan head wood screws (51238).
   D. Attach credenza top to lowboy storage.
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Cabinet (Style and Size may vary) (x1)
1. Locate Hanging Cleat
   A. The wall mounting cleat ships attached to the back of the overhead. Using a #2 Robertson bit screwdriver, remove the cleat from the cabinet.
   B. Starting from the highest point of the floor, measure up to locate the hanging cleat (Detail A).
   C. Locate the hanging cleat on the line, centered on the space the overhead will hang. The hanging cleat is made approximately 4” shorter than the cabinet to allow for lateral adjustment. Mark the rail with the drilling locations required for mounting.
2. Drill the Hanging Cleat
   A. Drill the hanging cleat (wall attached portion) for the mounting hardware i.e., screws, toggle bolts, etc. The first screws and/or toggles should be started 2" down and 2" over from the top corner of the cleat on both sides. Stagger the rest 6’ 8" apart per the diagram below. The top row should be 2" down from the top of the cleat and the bottom row should be 4" down from the top of the cleat. In addition, locate studs and secure with two screws per stud. It is the responsibility of the installer to use appropriate fastening hardware for the existing conditions. See Detail B.

   ![Diagram of Detail B]

3. Attach Wall Mount Overhead
   A. Raise the overhead above the hanging cleat and lower into position.

   ![Diagram of Wall Mount Overhead Attachment]
**Parts List**

**Tools Required**
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

**Completed Desk with Leg**

*shape, size and leg style may vary*

*Shown with shroud*

---

<table>
<thead>
<tr>
<th>Desk Top (Shape and may size vary)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x1)</td>
</tr>
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<table>
<thead>
<tr>
<th>Leg (Type varies, see variations below)</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x1)</td>
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<table>
<thead>
<tr>
<th>Beam (x2)</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Left End Cap 1B59NW (x2)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Right End Cap 1B59NV (x2)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>1/4-20 x 3/4&quot; Flat Head Machine Screw 1B55VSB (x6)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with beam size)</th>
</tr>
</thead>
</table>

---

### Geiger Levels

**Right ON SITE**

**Installation Principles**
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B).

Note: On Column and T-Leg, the leg is installed with the smaller notch on the base oriented towards the outside.
2. Locate Leg/Beam Assembly on Desk Top
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using (10x) #8 x 1" pan head wood screws (51153). Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).

X = 12" on 30" deep bullet top
X = 15" on 36" deep bullet top

On 30'/42" deep conference top, X=18”, Y=18”
On 36'/48" deep conference top, X=20”, Y=24”
3. Attach Cover panels
   Does not apply to Round column legs
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Geiger Levels

Desk with Leg
See Pages 2 to 6
(desk shape and leg style may vary)

Desk with End Panel
See Pages 7 to 10

Desk with Pedestal
See Pages 11 to 14
(desk shape may vary)
Geiger Levels

Right ON SITE

Installation Principles

ROS-LVRD Geiger Levels Runoff Desks

1B6SZ5

Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Desk with Leg
(desk shape and leg style may vary)

<table>
<thead>
<tr>
<th>Desk Top (Shape and Size vary)</th>
<th>Leg (Type varies, see variations below)</th>
<th>Beam</th>
<th>Left End Cap</th>
<th>Right End Cap</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x1)</td>
<td>(x2)</td>
<td></td>
<td>(x2)</td>
<td>(x2)</td>
</tr>
</tbody>
</table>

| Flat Bracket 10188 (x2) | Machine Screw 1/4-20 x 3/4" Flat Head 1B5SVB (x6) | #8 x 1" Pan Head Wood Screw 51153 (xVaries with Beam length) | #8 x 1" Flat Head Wood Screw 50162 (x16) |
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B).

Note: On Column and T-Leg, the leg is installed with the smaller notch on the base oriented towards the outside.
2. Locate Leg/Beam Assembly on Desk Top
   
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using #8 x 1” pan head wood screws. Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1” pan head wood screws. Detail C.

   \[ X = 12" \text{ on 30" deep bullet top} \]
   \[ X = 15" \text{ on 36" deep bullet top} \]

   On 30’/42’ deep conference top, \( X = 18", Y = 18" \)
   On 36’/48’ deep conference top, \( X = 20", Y = 24" \)

   \[ -51153 \#8 \times 1" \text{ pan head wood screw} \]
3. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
   E. Level runoff desk.
4. Attach Cover panels
   Does not apply to Round column legs
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips
to secure panels.

![Diagram of velcro strips and insert panels]

- Pre-applied velcro strips (12x)
- Align bottom of insert panel with seam at base
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Desk with End Panel

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desk Top (x1)</td>
<td></td>
</tr>
<tr>
<td>End Panel (x1)</td>
<td></td>
</tr>
<tr>
<td>Beam (x2)</td>
<td></td>
</tr>
<tr>
<td>End Bracket 1B59NT (x1)</td>
<td></td>
</tr>
<tr>
<td>Left End Cap (x1)</td>
<td></td>
</tr>
<tr>
<td>Right End Cap (x1)</td>
<td></td>
</tr>
<tr>
<td>Flat Bracket 10188 (x2)</td>
<td></td>
</tr>
<tr>
<td>Machine Screw 1/4-20 x 3/4&quot; Flat Head 1B5SVB (x6)</td>
<td></td>
</tr>
<tr>
<td>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with Beam length)</td>
<td></td>
</tr>
<tr>
<td>#8 x 1&quot; Flat Head Wood Screw 50162 (x22)</td>
<td></td>
</tr>
</tbody>
</table>
1. Attach End Bracket To End Panel
   A. Using pilot holes on inside of end panel as a guide, fasten end bracket to panel using (6x) #8 x 1” Flat Head Wood Screw (50162).

2. Attach Beams To End Bracket
   A. Fasten beams to end bracket using (6x) 1/4-20 x 3/4” Flat Head machine screws (1B5SVB).
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at open ends and gently tap into beams until they are flush.

4. Attach End Panel Assembly To Top
   A. Align End Panel to edge of desk top and center end panel side to side with desk top.
   B. Fasten end bracket to top using (6x) #8 x 1" Pan Head Wood Screw (51153).
   C. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
5. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
   E. Level runoff desk.
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Desk with Pedestal
(desk shape may vary)
1. Attach to Adjoining Worksurface
   A. Locate position of runoff desk relative to adjoining worksurface.
   B. Locate flat brackets (10188) so that they are towards the edges of the runoff desk, but not exposed.
   C. Attach flat brackets to adjoining worksurface using #8 x 1" flat head wood screws (50162).
   D. Position runoff desk over flat brackets and attach to flat brackets using #8 x 1" flat head wood screws (50162).
      (Use unattached pedestal to support opposite end of desk top).
2. Attach Pedestal
   A. Remove drawers for access to pedestal interior.
   B. Position pedestal so that edge of pedestal aligns with edge of desk top and front edge of pedestal aligns with
desk edge profile as shown below.
   C. Fasten pedestal to desktop using (4x) #8 x 1" pan head wood screws (51153).
   D. Level desk and pedestal.
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).

4. Attach Beam to Desktop
   A. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).
   Set back beam from face of pedestal by 1 1/2".
   Beam should be flush up to side of pedestal.
## Parts List

### Tools Required
- Measuring Tape
- 4’ level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

### Desk with Leg
(desk shape and leg style may vary)

<table>
<thead>
<tr>
<th>Description</th>
<th>Quantity</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Desk Top (Shape and size vary)</td>
<td>(x1)</td>
<td></td>
</tr>
<tr>
<td>Leg (Type varies, see variations below)</td>
<td>(x1)</td>
<td></td>
</tr>
<tr>
<td>Shroud 1B5BCB</td>
<td>(x1)</td>
<td></td>
</tr>
<tr>
<td>Shroud Bracket 1B5BDT</td>
<td>(x1)</td>
<td></td>
</tr>
<tr>
<td>Beam (x2)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Left End Cap 1B59NW</td>
<td>(x2)</td>
<td></td>
</tr>
<tr>
<td>Right End Cap 1B59NV</td>
<td>(x2)</td>
<td></td>
</tr>
<tr>
<td>1/4-20 x 3/4” Flat Head Machine Screw 1B5SVB</td>
<td>(x6)</td>
<td></td>
</tr>
<tr>
<td>#8 x 1” Pan Head Wood Screw 51153</td>
<td>(xVaries with Beam length)</td>
<td></td>
</tr>
<tr>
<td>#8 x 1” Flat Head Wood Screw 50162</td>
<td>(x15)</td>
<td></td>
</tr>
<tr>
<td>1/4-20 x 1/2” Button Head Machine Screw</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Assemble Leg and Beams
   A. Insert Beam Cover flanges into beam at both ends and gently tap into beams until they are flush (Detail A).
   B. Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B).

Note: On Column and T-Leg, the leg is installed with the smaller notch on the base oriented towards the outside.
2. Locate Leg/Beam Assembly on Desk Top
   A. Lay desk top upside down on clean, protected surface.
   B. Measure and locate Leg/Beam assembly relative to desk top. See below.
   C. Attach Leg Top Plate to desk top using (10x) #8 x 1” pan head wood screws (51153). Detail C
   D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1” pan head wood screws (51153).

   ![Diagram A](image1)
   ![Diagram B](image2)
   ![Diagram C](image3)
   ![Diagram D](image4)

   X = 12’ on 30’ deep bullet top
   X = 15’ on 36’ deep bullet top

   On 30’/42’ deep conference top, X=18”, Y=18”
   On 36’/48’ deep conference top, X=20”, Y=24”
3. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

4. Attach Shroud Bracket to Desk Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
5. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.

   ![Diagram of lowboy credenza with shroud installation](image)

   **Detail D**
   - Installation without tackboard
   - Installation with tackboard

   - Notch located facing outwards
   - (12x) #8 x 1” pan head wood screw (51153)

   See installation drawing for dimension.
6. Attach Desk to Shroud
   A. Carefully flip assembled desk upright.
   B. Lift desk over shroud and carefully place shroud bracket within shroud. See Detail E.
   C. Align shroud bracket holes with shroud holes.
   D. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   E. Level desk.

(6x) 1/4-20 x 1/2" machine screws

Detail E

Shroud bracket inserts inside shroud

Holes align

1/4-20 x 1/2" machine screws attach
7. Attach Cover panels  
   Does not apply to Round column legs  
   A. Peel back sticker on pre-applied velcro strips to expose glue face of velcro.  
   B. Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.

![Diagram showing attachment of cover panels with velcro strips and alignment instructions.]
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Desk with End Panel

<table>
<thead>
<tr>
<th>Desk Top (Style may vary)</th>
<th>End Panel</th>
<th>Shroud</th>
<th>Shroud Bracket</th>
<th>End Bracket</th>
</tr>
</thead>
<tbody>
<tr>
<td>(x1)</td>
<td>(x1)</td>
<td>1B5BCB (x1)</td>
<td>1B5BDT (x1)</td>
<td>1B59NT (x1)</td>
</tr>
<tr>
<td>Beam (x2)</td>
<td>Left End Cap 1B59NW (x1)</td>
<td>Right End Cap 1B59NV (x1)</td>
<td>1/4-20 x 3/4&quot; Flat Head Machine Screw 1B3SVB (x6)</td>
<td>#8 x 1&quot; Pan Head Wood Screw 51153 (xVaries with Beam length)</td>
</tr>
<tr>
<td>#8 x 1&quot; Flat Head Wood Screw 50162 (x12)</td>
<td>1/4-20 x 1/2&quot; Button Head Machine Screw (x6)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
1. Attach End Bracket To End Panel
   A. Using pilot holes on inside of end panel as a guide, fasten end bracket to panel using (6x) #8 x 1” Flat Head Wood Screw (50162).

2. Attach Beams To End Bracket
   A. Fasten beams to end bracket using (6x) 1/4-20 x 3/4” Flat Head machine screws (1B55VB).
3. Attach Beam Covers
   A. Insert Beam Cover flanges into beam at open ends and gently tap into beams until they are flush.

4. Attach End Panel Assembly To Top
   A. Align End Panel to edge of desk top and center end panel side to side with desk top.
   B. Fasten end bracket to top using (6x) #8 x 1" Pan Head Wood Screw (51153).
   C. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
5. **Attach Power Module (if applicable)**
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

6. **Attach Shroud Bracket to Desk Top**
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1” flat head wood screws (50162).
7. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top. See details below.
   D. Using (12x) #8 x 1" pan head wood screws attach shroud to lowboy credenza top.

![Diagram of attaching shroud to lowboy credenza]

- Notch located facing outwards
- Installation without tackboard: 5 3/8" width
- Installation with tackboard: 5 1/2" width

See Detail D for dimension

See installation drawing for dimension

(12x) #8 x 1" pan head wood screw (51153)
8. Attach Desk to Shroud
   A. Carefully flip assembled desk upright.
   B. Lift desk over shroud and then down so that shroud bracket is within shroud. See Detail E.
   C. Align shroud bracket holes with shroud holes.
   D. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   E. Level desk.

(6x) 1/4-20 x 1/2” machine screws

Detail E

Shroud bracket inserts inside shroud

Holes align

1/4-20 x 1/2” machine screws attach
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #2 Phillips

Desk with Pedestal
(desk shape may vary)

<table>
<thead>
<tr>
<th>Desk Top (Style may vary) (x1)</th>
<th>Pedestal (x1)</th>
<th>Shroud 1B5BCB (x1)</th>
<th>Shroud Bracket 1B5BDT (x1)</th>
<th>Beam (x1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Left End Cap 1B59NW (x1)</td>
<td>Right End Cap 1B59NV (x1)</td>
<td>#8 x 1” Pan Head Wood Screw 51153 (xVaries with Beam length)</td>
<td>#8 x 1” Flat Head Wood Screw 50162 (x5)</td>
<td>1/4-20 x 3/4” Flat Head Machine Screw 1B5SVB (x6)</td>
</tr>
</tbody>
</table>
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Desk Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1” flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind desk, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top. See details below.
   D. Using (12x) #8 x 1" pan head wood screws attach shroud to lowboy credenza top.
4. Attach Desk to Shroud  
   A. Carefully flip assembled desk upright.  
   B. Lift desk over shroud and then down so that shroud bracket is within shroud. See Detail B. Use Pedestal to support end of desk while installing desktop to shroud.  
   C. Align shroud bracket holes with shroud holes.  
   D. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.  
   E. Align and fasten pedestal to desk top.  
   F. Level desk.

---

**Detail B**  
- Shroud bracket inserts inside shroud  
- Holes align  
- 1/4-20 x 1/2" machine screws attach

(6x) 1/4-20 x 1/2" machine screws
5. Attach Beam Cover
   A. Insert Beam Cover flanges into beams and gently tap into beams until they are flush.

6. Attach Beam To Desk Top
   A. Align beam flush to pedestal and recessed as shown in Detail C.
   B. Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Robertson
  - #3 Phillips

Rear Unit
(Storage may vary)

Credenza Top
(x1)

Pedestal
(varies)

Shroud
1B5BCB
(x1)

Shroud Bracket
1B5BDT
(x1)

#8 x 1” Pan Head Wood Screw
51153
(xVaries with storage)

#8 x 1” Flat Head Wood Screw
50162
(x5)

1/4-20 x 1/2” Button Head Machine Screw
(x6)

ROS-LVBD Geiger Levels Bi Level Desks 1B6SZ6
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Credenza Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind credenza, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top, right handing shown, left opposite. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.
4. Attach Credenza to Shroud
   A. Carefully flip assembled credenza top upright.
   B. Set pedestal(s) at end of credenza roughly in position to support end of credenza top.
   C. Lift credenza top over shroud and then down so that shroud bracket is within shroud. See Detail C.
   D. Align shroud bracket holes with shroud holes.
   E. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   F. Set pedestal(s) into final location and attach to credenza top.
   G. Level credenza.

Detail C
Shroud bracket inserts inside shroud
Holes align
1/4-20 x 1/2" machine screws attach

(6x) 1/4-20 x 1/2" machine screws
Parts List

Tools Required
- Measuring Tape
- 4' level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

Completed Bi-Level L Return

Return Top
- (x1)

Flat Bracket
- 10188 (x2)

Shroud
- 1B5BCB (x1)

Shroud Bracket
- 1B5BDT (x1)

#8 x 1" Pan Head Wood Screw
- 51153 (x12)

#8 x 1" Flat Head Wood Screw
- 50162 (x21)

1/4-20 x 1/2" Button Head Machine Screw
- (x6)
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Credenza Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind credenza, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top, right handing shown, left opposite. See details below.
   D. Using (12x) #8 x 1” pan head wood screws attach shroud to lowboy credenza top.

   ![Diagram showing installation details]
4. Attach Flat Plates to Desk
   A. Using #8 x 1" Flat Head wood screws (50162), attach flat plates to underside of desk top.
5. Attach L Return to Shroud and Flat Plates
   A. Carefully flip assembled return top upright.
   B. Set desk roughly in position to support end of return top.
   C. Lift return top over shroud and then down so that shroud bracket is within shroud (See Detail C), and end of return rests on flat plates.
   D. Align shroud bracket holes with shroud holes.
   E. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   F. Set desk into final location and attach to return top to desk flat plates using #8 x 1" flat head wood screws (50162).
   G. Level assembly.

Detail C:
- Shroud bracket inserts inside shroud
- Holes align
- 1/4-20 x 1/2" machine screws attach
- (6x) 1/4-20 x 1/2" machine screws
- (8x) #8 x 1" flat head wood screws
Parts List

Tools Required
- Measuring Tape
- 4’ level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

Completed Desk with Leg
(shape, size and leg style may vary)

Completed Desk with Pedestal
(desk shape may vary)

Completed Desk with End Panel

Completed Bi-Level Rear Unit
(Storage may vary)
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   - Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Desk Top
   - Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" pan head wood screws (51153).
3A. For Desks With Leg, Assemble Leg and Beams
   - Insert Beam Cover flanges into beam at both ends and gently tap in until they are flush (Detail A).
   - Attach beams to Leg top plate using (6x) 1/4-20 x 3/4" machine screws (1B5SVB), (Detail B).

Note: On Column and T-Leg, the leg is installed with the smaller notch on the base oriented towards the outside.
3A (cont.) For Desks With Leg, Locate Leg/Beam Assembly on Desk Top

A. Lay desk top upside down on clean, protected surface.
B. Measure and locate Leg/Beam assembly relative to desk top. See below.
C. Attach Leg Top Plate to desk top using (10x) #8 x 1" pan head wood screws (51153). Detail C
D. Attach beams to desk top through pre-drilled holes in beams using #8 x 1" pan head wood screws (51153).
3B. Attach End Bracket To End Panel (For Desk With End Panel Only)
   - Using pilot holes on inside of end panel as a guide, fasten end bracket to panel using (6x) #8 x 1" Flat Head Wood Screw (50162).

Attach Beams To End Bracket
   - Fasten beams to end bracket using (6x) 1/4-20 x 3/4" Flat Head machine screws (1B5SVB).
3B (Cont.) Attach Beam Covers
- Insert Beam Cover flanges into beam at open ends and gently tap into beams until they are flush.

Attach End Panel Assembly To Top
- Align End Panel to edge of desk top and center end panel side to side with desk top.
- Fasten end bracket to top using (6x) #8 x 1" Pan Head Wood Screw (51153).
- Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
3C. Attach Beam Cover (For Desks With Pedestal)
   - Insert Beam Cover flanges into beams and gently tap into beams until they are flush.

Attach Beam To Desk Top
- Align beam flush to pedestal and recessed as shown in Detail C.
- Fasten beams to top using #8 x 1" Pan Head Wood Screw (51153).
4. Attach Shroud to Lowboy Credenza
   - Position lowboy credenza at its final location and level.
   - If there will be tackboards located behind desk, install these (but only after overheads are installed).
   - Locate shroud on lowboy credenza top. See details below.
   - Using (12x) #8 x 1" pan head wood screws attach shroud to lowboy credenza top.

![Diagram showing shroud attachment](attachment:image.png)
5. Attach Desk to Shroud
   - Carefully flip assembled desk upright.
   - Lift desk over shroud and carefully place shroud bracket within shroud. See Detail E.
   - Align shroud bracket holes with shroud holes.
   - Using (4x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   - Level.
6. Attach Cover panels (For T and Extruded Legs Only).
   - Peel back sticker on pre-applied velcro strips to expose glue face of velcro.
   - Align bottom of insert panels with seam as shown below. Press fit insert panels onto velcro strips to secure panels.
Parts List

Tools Required
- Measuring Tape
- 4’ level
- Pencil
- Cordless Drill
- Rubber Mallet
- Drill bits:
  - #2 Square Robinson
  - #3 Phillips

Completed Bi-Level L Return

<table>
<thead>
<tr>
<th>Return Top (x1)</th>
<th>Flat Bracket 10188 (x2)</th>
<th>Shroud 1B5BCB (x1)</th>
<th>Shroud Bracket 1B5BDT (x1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>#8 x 1” Pan Head Wood Screw 51153 (x12)</td>
<td>#8 x 1” Flat Head Wood Screw 50162 (x21)</td>
<td>1/4-20 x 1/2” Button Head Machine Screw (x6)</td>
<td></td>
</tr>
</tbody>
</table>
1. Attach Power Module (if applicable)
   Applies only to units with cutout for power module.
   A. Install power module as per separate instruction sheet.

2. Attach Shroud Bracket to Credenza Top
   A. Using pilot holes on underside of desk top as guide, fasten shroud bracket to desktop using (5x) #8 x 1" flat head wood screws (50162).
3. Attach Shroud to Lowboy Credenza
   A. Position lowboy credenza at its final location and level.
   B. If there will be tackboards located behind credenza, install these (but only after overheads are installed).
   C. Locate shroud on lowboy credenza top, right handing shown, left opposite. See details below.
   D. Using (12x) #8 x 1" pan head wood screws attach shroud to lowboy credenza top.

   (12x) #8 x 1" pan head wood screw (51153)

   Notch located facing out

   Installation without tackboard
   5 3/8"

   Installation with tackboard
   6 3/8"
4. Attach Flat Plates to Desk
   A. Using #8 x 1" Flat Head wood screws (50162), attach flat plates to underside of desk top.
5. Attach L Return to Shroud and Flat Plates
   A. Carefully flip assembled return top upright.
   B. Set desk roughly in position to support end of return top.
   C. Lift return top over shroud and then down so that shroud bracket is within shroud (See Detail C), and end of return rests on flat plates.
   D. Align shroud bracket holes with shroud holes.
   E. Using (6x) 1/4"-20 x 1/2" machine screws, fasten shroud bracket to shroud.
   F. Set desk into final location and attach to return top to desk flat plates using #8 x 1" flat head wood screws (50162).
   G. Level assembly.
1. Build L Panel
   A. Join L panels by sliding panel with connectors on exterior over and onto panel with connectors embedded inside mortise
   B. Using (8x) #8 x 1" pan head wood screws (51153), attach L panel brackets to underside of top.
   C. Level panel.

(shown from underside)