Pixel™ Lounge

Overview
Pixel Lounge offers a highly configurable, comfortable, and forward-thinking modular seating system for work, public, and education spaces. Its modern design and reconfigurability make it an excellent choice in today's flexible, ever-changing workplace scenarios. Components may be combined to create solutions suitable for lounge spaces, open area seating, and casual meeting areas.

There are three main components to Pixel Lounge seating:
• Seats
• Low Tables
• Beams and Legs

Hardware and Small Parts

A. 4AL710001
Leg

B. 4AL7055
Leg glide

C. 4AL7153
3/8-16 x 2
Set screw

D. 4AL7059
Return
connector casting

E. 4AL7120
Midspan
leg weldment

F. 4AL7152
1/4-20 x .5
Flat hd soc screw

G. 4AL7112
Bracket seat
to rail

H. 4AL7151
1/4-20 x .75
Button hd soc screw

I. 4AL7155
1/4-20 x 1.00
Button hd socket screw

J. 4AL7154
1/4-20 x 1.125
Cap hd socket screw

K. 4AL7158
1/4-20 x .5
Button hd socket screw

L. 4AL7157
3/8
Washer

M. 4AL7156
3/8-16
Locknut nylon

N. 4AL7025
End leg casting

O. 4AL7026
Intermediate leg casting

P. 4AL7335
3 pos flush mount
power unit

Q. 4AU4042
Magnetic cord manager

Tools Required
- Allen wrenches size: 5/32, 3/16 and 1/4
- Open or socket wrench size: 9/16
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Subassemblies and Large Parts

4AL709001 - 4AL709004
Set of standard rails, starter rails and extension rails
3 seat shown, also available in 1, 2 and 4 seats

4AL709101R/L - 4AL709103R/L
Set of return rails and intermediate return rails
3 seat shown, also available in 1 and 2 seats

4AL709301 - 4AL709303
Set of connector rails
2 seat shown, also available in 1 seat
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Subassemblies and Large Parts
(Cont.)

4AL7320
Single seat

4AL7321
Straight seat with back

4AL7332
Intermediate arm

4AL7329
Corner seat right

4AL7328
Corner seat left

4AL7324
Seat with back and high arm left

4AL7325
Seat with back and high arm right

4AL7322
Seat with back and low arm left

4AL7323
Seat with back and low arm right

4AL7327
Armchair with high arms

4AL7326
Armchair with low arms

4AL7330
Seat with low arm left

4AL7331
Seat with low arm right

4AL7334
Table

Shown with center power unit cutout
Also available with side power unit cutout or blank
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Installation Instructions Assemblies

TYPICAL RECOMMENDED ASSEMBLY SEQUENCE
A. Build base assemblies joining legs and rails (see illustration below)
B. Attach seat and tables
C. Attach intermediate arms
D. Install power

We have outlined 4 scenarios below to show examples of assembly sequences

Scenario 1: Standard beam 1 to 3 position configuration

STEPS TO BUILD BASE ASSEMBLY

1. ATTACH LEG AND GLIDE TO END LEG CASTING
   1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
   1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
   1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. ATTACH END LEG CASTING ASSEMBLY TO SET OF RAILS
   2.1. Slide both rails on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
   2.2. Back to Step 1:
       Attach leg and glide to end leg casting. Repeat at the other end of the set of rails.
3. **ATTACH SEAT**

3.1. First attach seat bracket (G) to the bottom face of the seat.

3.2. Align bracket holes with the seat threaded inserts.

3.3. Make sure that the bracket flange faces forward as shown on the image.

3.4. Secure with two ¼-20 x1 button head screws (I).

3.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with rail seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front rail. Secure the seat to the front rail with one ¼-20x3/4 button head screw (H).
4. **ATTACH TABLE**

4.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.

4.2. Align table top inserts with holes in rail tabs. Thread the 4 ¼-20 x ½ button head screws (K) through the rail tab holes and tighten the screws with Allen wrench.
4. ATTACH TABLE (cont.)

INSTALL POWER (If applicable)

5. ATTACH POWER UNIT TO THE TABLE TOP

5.1. First remove the power unit clamps with thumb screw from the unit (P).

5.2. Drop the power unit into the table top.

5.3. Slide the clamps back on the power unit and tighten the thumb screw to secure the power unit in the top.

5.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.
Scenario 2: Standard Beam 4 position configuration

Steps to build base assembly

1. Attach leg and glide to end leg casting
   1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
   1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
   1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. Attach end leg casting assembly to set of rails
   2.1. Slide both rails on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head 1/4-20 x 1/2 screws (F) to secure the assembly.
   2.2. Back to Step 1: Attach leg and glide to end leg casting. Repeat at the other end of the set of rails.
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3. ASSEMBLE MIDSPAN LEG

3.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.

3.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

4. ATTACH MID SPAN LEG ASSEMBLY TO BASE ASSEMBLY

Note:
Base assembly shown upside down

4.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of rails to avoid possible damage.

4.2. The best way if possible is to flip the base assembly (E) upside down, locate the two bottom ¼-20 inserts, slide the mid span leg assembly onto the rails, align its bracket holes with the rail inserts and secure with ¼-20 x 1.00 button head screws (I).
5. ATTACH SEAT

5.1. First attach seat bracket (G) to the bottom face of the seat.

5.2. Align bracket holes with the seat threaded inserts.

5.3. Make sure that the bracket flange faces forward as shown on the image.

5.4. Secure with two ¼-20 x 1 button head screws (I).

5.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with rail seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front rail. Secure the seat to the front rail with one ¼-20x3/4 button head screw (H).
6. ATTACH TABLE

6.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.

6.2. Align table top inserts with holes in rail tabs. Thread the 4 ¼-20 x ½ button head screws (K) through the rail tab holes and tighten the screws with Allen wrench.
6. ATTACH TABLE (cont.)

INSTALL POWER (If applicable)

7. ATTACH POWER UNIT TO THE TABLE TOP

7.1. First remove the power unit clamps with thumb screw from the unit (P).

7.2. Drop the power unit into the table top.

7.3. Slide the clamps back on the power unit and tighten the thumb screw to secure the power unit in the top.

7.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.
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Installation Instructions Assemblies

**Scenario 3:**
Extension Beam
10-position configuration

**StePS TO BUILD BASE ASSEMBLIES**

1. **Attach Leg and Glide to End Leg Casting**
   1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
   1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
   1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. **Attach End Leg Casting Assembly to Set of Rails**
   2.1. Slide both rails on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
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3. ATTACH LEGS AND GLIDES TO INTERMEDIATE LEG CASTING

3.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the intermediate leg casting (O).
3.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
3.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

4. ATTACH INTERMEDIATE LEG ASSEMBLY TO RAILS

4.1. Slide both rails on the intermediate leg casting (O). Make sure that all seat tabs are oriented up and pointed inward, see figure 1A. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
4.2. Slide the next set of rails on the intermediate casting following the same steps.
5. ASSEMBLE MIDSPAN LEG

5.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.

5.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

6. ATTACH MID SPAN LEG ASSEMBLY TO BASE ASSEMBLY

Note:
Base assembly shown upside down

6.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of rails to avoid possible damage.

6.2. The best way if possible is to flip the base assembly (E) upside down, locate the two bottom ¼-20 inserts, slide the mid span leg assembly onto the rails, align its bracket holes with the rail inserts and secure with ¼-20 x 1.00 button head screws (I).

Back to Step 3 and Step 4
Back to Step 1 and Step 2
ATTACH SEAT AND TABLES

7. ATTACH SEAT

7.1. First attach seat bracket (G) to the bottom face of the seat.

7.2. Align bracket holes with the seat threaded inserts.

7.3. Make sure that the bracket flange faces forward as shown on the image.

7.4. Secure with two ¼-20 x 1 button head screws (I).

7.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with rail seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front rail. Secure the seat to the front rail with one ¼-20x3/4 button head screw (H).
8. ATTACH TABLE

8.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.

8.2. Align table top inserts with holes in frame tabs. Thread the 4 ¼-20 x ½ button head screws (K) through the rail tab holes and tighten the screws with Allen wrench.
8. ATTACH TABLE (cont.)

INSTALL POWER (If applicable)

9. ATTACH POWER UNIT TO THE TABLE TOP

9.1. First remove the power unit clamps with thumb screw from the unit (P).
9.2. Drop the power unit into the table top.
9.3. Slide the clamps back on the power unit and tighten the thumb screw to secure the power unit in the top.
9.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.
**Scenario 4:**
**Straight standard, return, intermediate return and connector beams with 13-position configuration**

**STEPS TO BUILD BASE ASSEMBLIES**

1. **ATTACH LEG AND GLIDE TO END LEG CASTING**
   1.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the leg casting (N).
   1.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
   1.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

2. **ATTACH END LEG CASTING ASSEMBLY TO SET OF RAILS**
   2.1. Slide both rails on the end leg casting (N). Make sure that all seat tabs, see figure 1A, are oriented up and pointed inward. Use 4 Socket flat head ¼-20 x 1/2 screws (F) to secure the assembly.
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3. ATTACH LEGS AND GLIDES TO INTERMEDIATE LEG CASTING

3.1. First insert and secure the 3/8-16 x 2.00 set screw (C) into the intermediate leg casting (O).
3.2. Then thread the aluminum leg (A) onto the set screw and tighten by hand.
3.3. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

4. ATTACH INTERMEDIATE LEG ASSEMBLY TO SET OF RAILS

4.1. Slide both rails on the intermediate leg casting "O". Make sure that all seat tabs are oriented up and pointed inward, see figure 1A. Use 4 Socket flat head ¼-20 x 1/2 screws "F" to secure the assembly.
4.2. Slide the next set of rails on the intermediate casting following the same steps.

Fig. 1A
5. ASSEMBLE MIDSPAN LEG

5.1. Screw the leg (A) onto the midspan leg weldment (E) and tighten by hand.

5.2. Thread the glide (B) into the leg and adjust for proper height to level the base assembly.

6. ATTACH MID SPAN LEG ASSEMBLY TO SET OF RAILS

Note:
Base assembly shown upside down

6.1. The mid span leg assembly should be attached after one or both, end or intermediate leg assembly is attach to the set of rails to avoid possible damage.

6.2. The best way if possible is to flip the base assembly (E) upside down, locate the two bottom ¼-20 inserts, slide the mid span leg assembly onto the rails, align its bracket holes with the rail inserts and secure with ¼-20 x 1.00 button head screws (I).
7. **ATTACH RETURN BEAMS TO STANDARD BEAMS**

7.1. First attach the two connector castings (D) in location where you want to attach your returns. Use total of 4 ¼-20 x 1.125 screws (J), two per each casting.

7.2. Then slide the two return rails onto the connector castings (D) and secure with 4 ¼-20 x .50 flat head screws (F). Make sure that the connector rails have seat tabs oriented up and pointed inward, see figure 1A. Also make sure that you are attaching the correct ends with vertical tubes on the connecting ends.
ATTACH SEAT AND TABLES

8. ATTACH SEAT

8.1. First attach seat bracket (G) to the bottom face of the seat.

8.2. Align bracket holes with the seat threaded inserts.

8.3. Make sure that the bracket flange faces forward as shown on the image.

8.4. Secure with two ¼-20 x 1 button head screws (I).

8.5. Set the seat down on the base assembly. Align the seat bottom hat section brackets with rail seat tabs. Slide the entire seat on the seat tabs so the flange seat bracket hits the front rail. Secure the seat to the front rail with one ¼-20 x 3/4 button head screw (H).
9. **ATTACH TABLE**

9.1. Place the low table onto the base assembly. If using table top with cut out for electric power unit, make sure that is properly oriented to your specification.

9.2. Align table top inserts with holes in frame tabs. Thread the 4 ¼-20 x ½ button head screws (K) through the base assembly tab holes and tighten the screws with Allen wrench.
8. ATTACH TABLE (cont.)
ATTACH INTERMEDIATE ARMS

10. ATTACH INTERMEDIATE ARM
10.1. Insert the intermediate arms stems into the rail tubes until it can’t go any further. Place two 3/8 washers (L) and thread two 3/8-16 nylon locknuts (M) on the bottom of the stems. Tighten the nuts with wrench.

INSTALL POWER (If applicable)

11. ATTACH POWER UNIT TO THE TABLE TOP
11.1. First remove the power unit clamps with thumb screw from the unit (P).
11.2. Drop the power unit into the table top.
11.3. Slide the clamps back on the power unit and tighten the thumb screw to secure the power unit in the top.
11.4. Use magnetic cord clips (Q) to organize power cord on the base assembly.