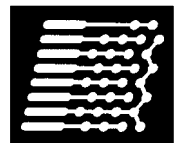

AUDIOARTS A-LINE FURNITURE

ASSEMBLY INSTRUCTIONS
July 2005



A-Line Furniture Assembly Instructions - 1st Edition

©2005 Audioarts® Engineering*

AUDIOARTS ENGINEERING
600 Industrial Drive
New Bern, North Carolina 28562
252-638-7000

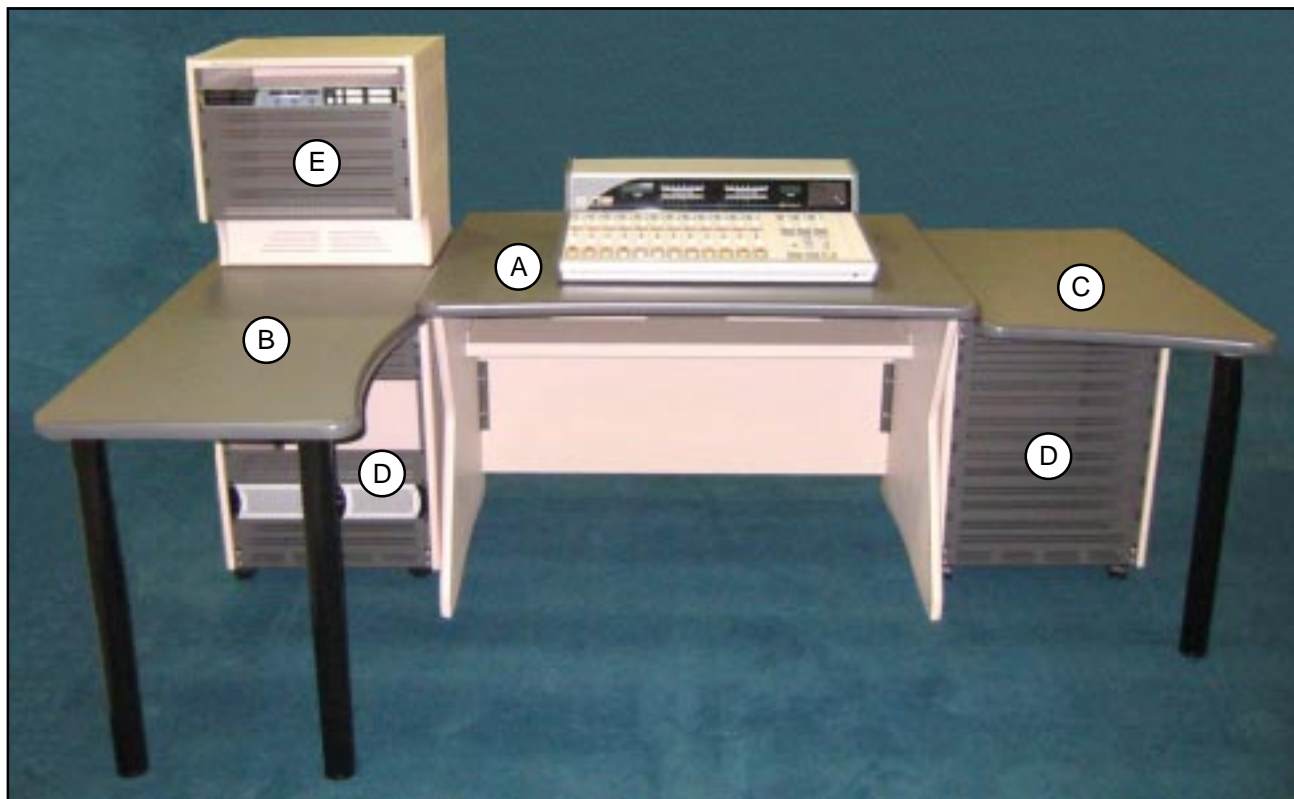
*a division of Wheatstone Corporation

A-Line Furniture Assembly

Table of Contents

Introduction	1
Manpower and Tools Needed	2
A-Line Furniture Installation	3
Main Components	3
Counters	3
Desk	6
Equipment Cabinet	7
Turret	8
Hardware	9
Desk Assembly	11
Side Counter Assembly	18
Equipment Cabinet Assembly	21
Turret Assembly	26
Optional Punchblock Cover Assembly	31

AUDIOARTS A-LINE FURNITURE



INTRODUCTION

The new Audioarts A-Line furniture was designed to offer a fully featured, low price radio studio package which is complete in every detail. With both operator and guest positions, the package is ideal for radio stations, colleges, and university media studies.

The A-Line furniture is ergonomically designed to house all of the technical equipment and allow placement of frequently used items within easy reach of the operator. You can choose from various completed A-Line furniture rooms to meet the needs of your studio. A-Line furniture available in sit down and stand up heights, and can be in either L or U shaped layouts and the L shaped components can be installed either left-handed or right-handed, as well as Short L, Long L, Unbalanced U and Long U.

A sample A-Line furniture unit, shown in the picture above, consists of a main console desk [A], a 1/2 interview counter [B], a single side counter [C], individual equipment cabinets [D], and an equipment turret [E]. Note that your specific studio furniture may differ from the picture above in terms of actual number of cabinets and turrets ordered, counter size, etc.

All Audioarts A-line studio furniture is shipped flat and will require assembly.

CAUTION: The formica surface of the furniture, while highly resistant to marking and abuse, can be scratched. Be very careful during assembly, particularly when mounting the equipment turret on top of the console counter, not to slide one piece across the top of another. Keep in mind that, once scratched, formica is virtually impossible to repair.



MANPOWER AND TOOLS NEEDED

The furniture can be assembled by one person, but there will be times when two people may be needed to erect or move the furniture. Please adhere to your company's Health and Safety guidelines. To make the assembly of your furniture easier, we have included all of the required hardware. Tools you needed for a completed assembly are a 7/16" wrench and a #2 Phillips screwdriver.



A-LINE FURNITURE INSTALLATION

Your furniture will arrived boxed. Check the condition of the box, packaging and woodwork, and if any damage is evident, report to the carrier before signing for the package. Also report any damage immediately to Audioarts Engineering technical support (tel 252-638-7000, fax 252-637-1285, electronic mail “techsupport@wheatstone.com”).

Each woodwork item is supplied with its relevant assembly brackets and hardware. Make sure that you don't throw the brackets or hardware away in the packaging. The furniture assembly manual and a full size turret template are also included in the package.

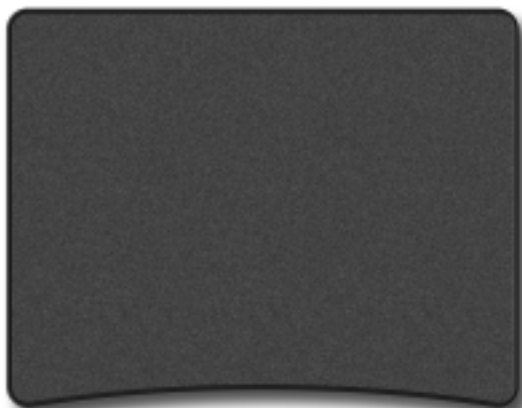
IMPORTANT: Carefully unpack and identify each component before attempting to assemble. Refer to parts list. Please take care when assembling the unit and always set the parts on a clean, soft and free from debris area (so as not to damage the formica surface of the furniture). Please review the assembly instructions prior to beginning this assembly.



MAIN COMPONENTS

COUNTERS

The contents of your specific package will depend upon your order.



Center Counter - W# 006910



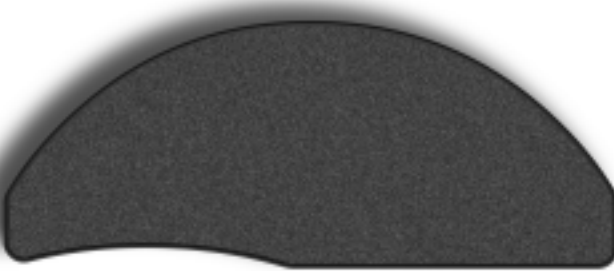
Center Interview Counter - W# 006911



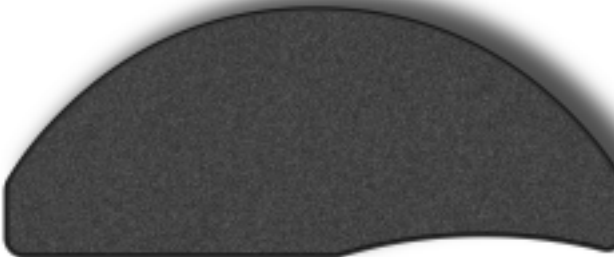
Single Side Counter (LT) - W# 006958



Single Side Counter (RT) - W# 006960



Full Interview Counter (LT) - W# 006950



Full Interview Counter (RT) - W# 006952



1/2 Interview Counter (LT) - W# 006954



1/2 Interview Counter (RT) - W# 006956



Long Side Counter (LT) - W# 006962



Long Side Counter (RT) - W# 006964



Counter Support Leg and Bracket - W# 141450 (sit down) / W#141350 (stand up)

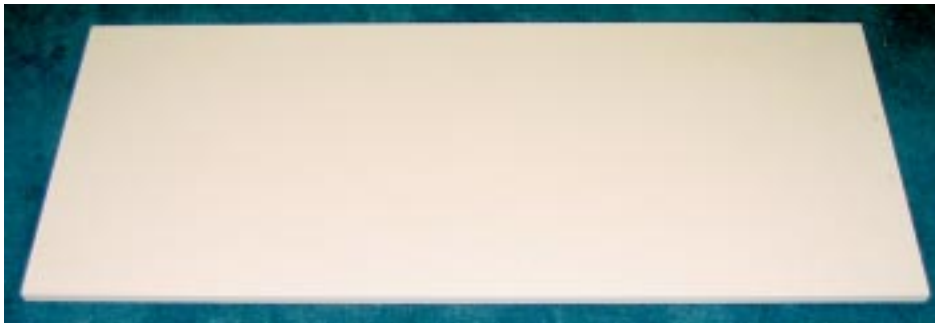
DESK



Desk Leg Left - W# 006913



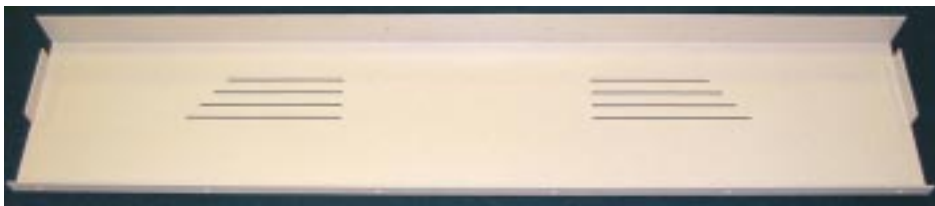
Desk Leg Right - W# 006914



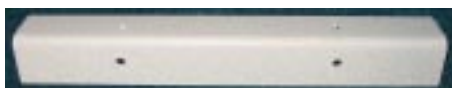
Modesty Panel - W# 006912



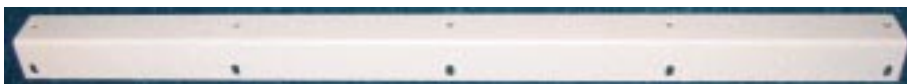
Support Shelf - W# 006915



Rear Support Panel - W# 006916



Modesty Panel Bracket - W# 006917



Counter Bracket - W# 006918

EQUIPMENT CABINET



Cabinet Side - W# 006920



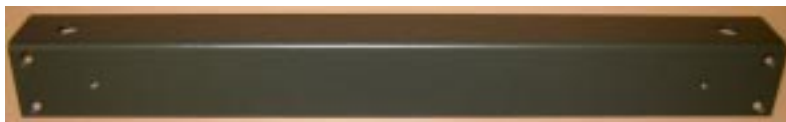
Cabinet Door - W# 006921



Cabinet Rack Front - W# 006922



Cabinet Rack Front w/Rivet Nut - W# 006927



Cabinet Rack Rear - W# 006923



Cabinet Rack Rear w/Rivet Nut - W# 006928

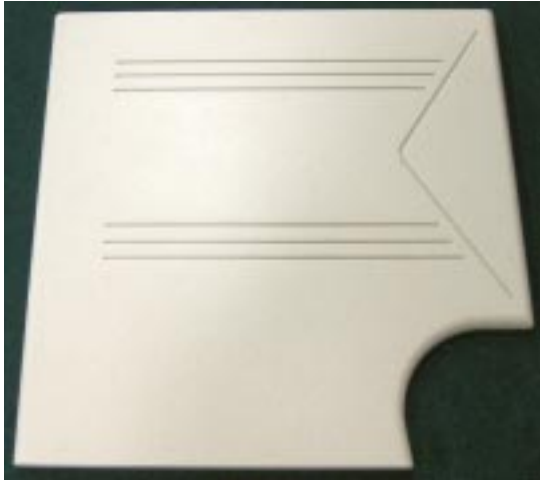


Cabinet Rack Rail - W# 006924

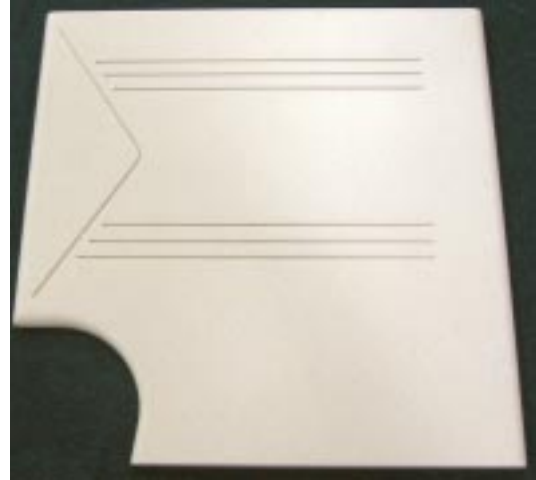


Cabinet Rear Rail - W# 006925

TURRET



Turret Left Side - W# 006930



Turret Right Side - W# 006931



Turret Door - W# 006932



Turret Top Tray - W# 006933



Turret Bottom Tray - W# 006934



Turret Rack Rail - W# 006935

HARDWARE

10-32 x 1" Thumb Screw - W# 820060



8-32 x 5/8" Phillips Panhead Screw - W# 820127



8-32 x 1/4" Phillips Flathead Screw - W# 820129



8-32 x 1/4" Phillips Panhead Screw - W# 820130



10 x 1" Phillips Panhead Screw - W# 820133



1/4-20 x 1 1/2" Bolt - W# 820132



1/4-20 Hex Nut - W# 821020



Flat Washer 1/4" - W# 822019

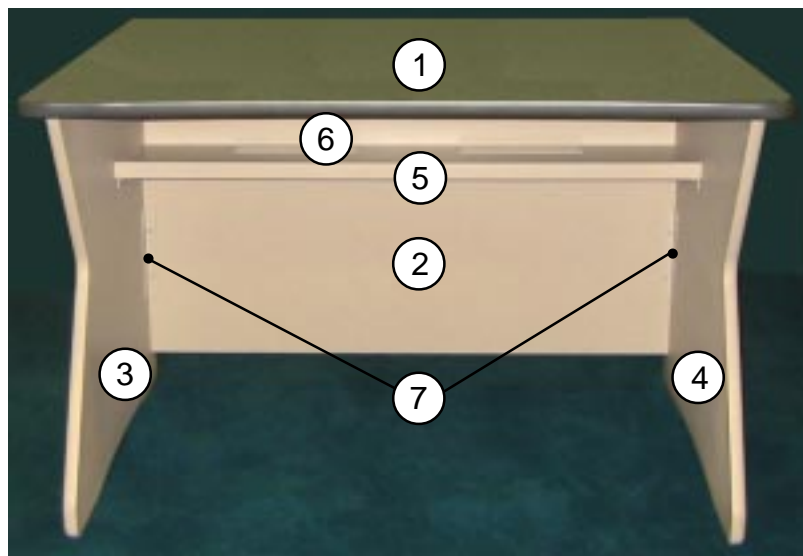


Leveling Foot - W# 823103

DESK ASSEMBLY

The Audioarts A-Line Desk Assembly includes a countertop (1), a modesty panel (2), a left leg (3), a right leg (4), a support shelf (5), a rear support panel (6), modesty brackets (7), and counter brackets (8, not shown).

Note that in the picture shown a center counter (W# 006910) is supplied with the desk order. A center interview counter (W# 006911) will be supplied with an interview desk.



Front View



Side View

Note: Counter brackets are hidden in the above photos.

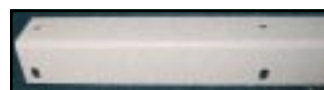
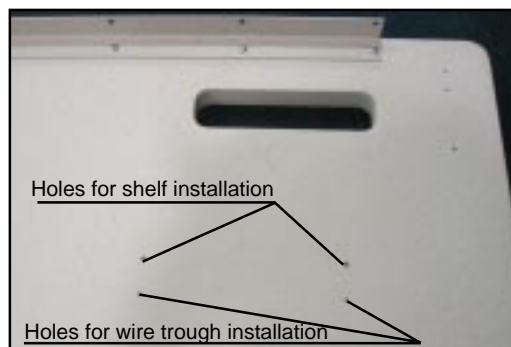
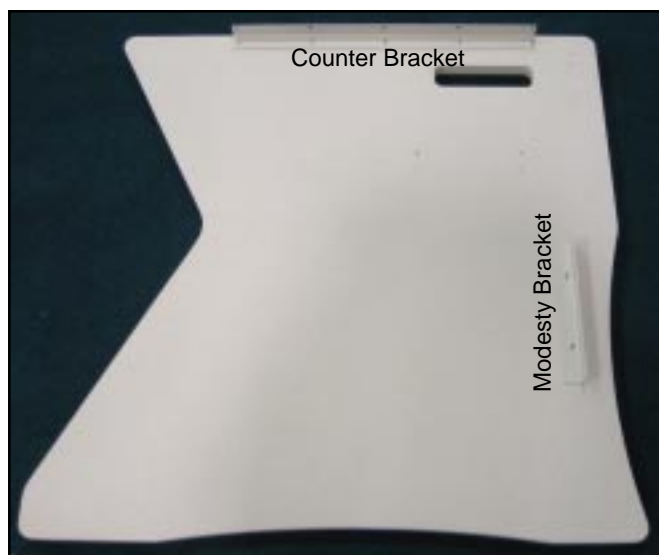
DESK ASSEMBLY			
POS.	DESCRIPTION	QTY	WS P/N
1	CENTER COUNTER (supplied with desk assembly)	1	006910
1A	CENTER INTERVIEW COUNTER (supplied with interview desk assembly)	1	006911
2	MODESTY PANEL	1	006912
3	DESK SIT DOWN LEFT LEG	1	006913
3A	DESK STAND UP LEFT LEG	1	006981
4	DESK SIT DOWN RIGHT LEG	1	006914
4A	DESK STAND UP RIGHT LEG	1	006982
5	SUPPORT SHELF	1	006915
6	REAR SUPPORT PANEL	1	006916
7	MODESTY PANEL BRACKET	2	006917
8	COUNTER BRACKET	2	006918
9	DESK INSTALL KIT	1	006940
10	*8-32 X 5/8" PHILLIPS PANHEAD STEEL/ZINC SCREW	44	820127
11	*8-32 X 1/4" PHILLIPS PANHEAD STEEL/ZINC SCREW	7	820130

* Installation Kit Components

To assemble the desk you will be using hardware as shown. Also see the desk assembly parts list on the previous page. The desk assembly kit includes a few extra screws.

Note that all desk pieces have predrilled holes for perfect alignment.

Put the left and right desk legs upside down on the clean surface and attach to them the counter and modesty brackets using predrilled holes and the 8-32 x 5/8" Phillips panhead screws.



IMPORTANT! The counter bracket has round holes on one side and obround holes on the other. The side with round holes must be attached to the desk legs.

Next, attach the support shelf to the rear support panel with the 8-32 x 1/4" Phillips panhead screws. Note that this can be done in two ways - installed as a shelf or as a wiring trough (see photos).



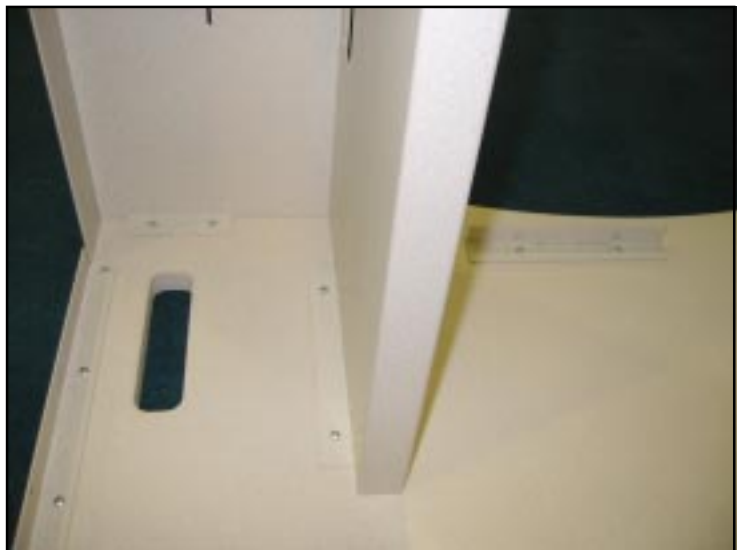
For shelf installation



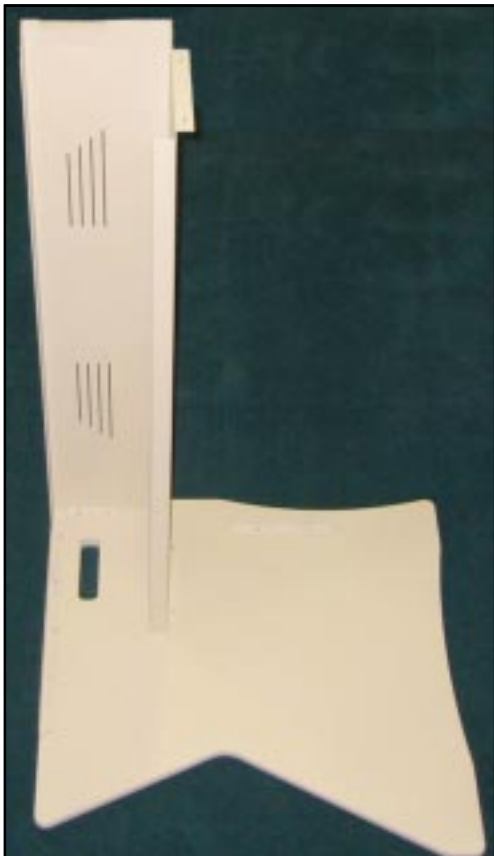
For wiring trough installation



Then attach assembled support shelf and rear support panel to the left desk leg using the 8-32 x 5/8" Phillips panhead screws.



For shelf installation



For wiring trough installation

Flip over the assembled left leg with support shelf and rear support panel and attach the right desk leg to the other end of the support shelf and rear support panel using the 8-32 x 5/8" Phillips panhead screws.



For shelf installation



For wiring trough installation

The next step is assembling the modesty panel. Place the modesty panel on the rear of the assembled unit to line up it's predrilled holes on the each side with the modesty brackets holes (you will need a help of the second person) and attach using the 8-32 x 5/8" Phillips panhead screws.





For shelf installation

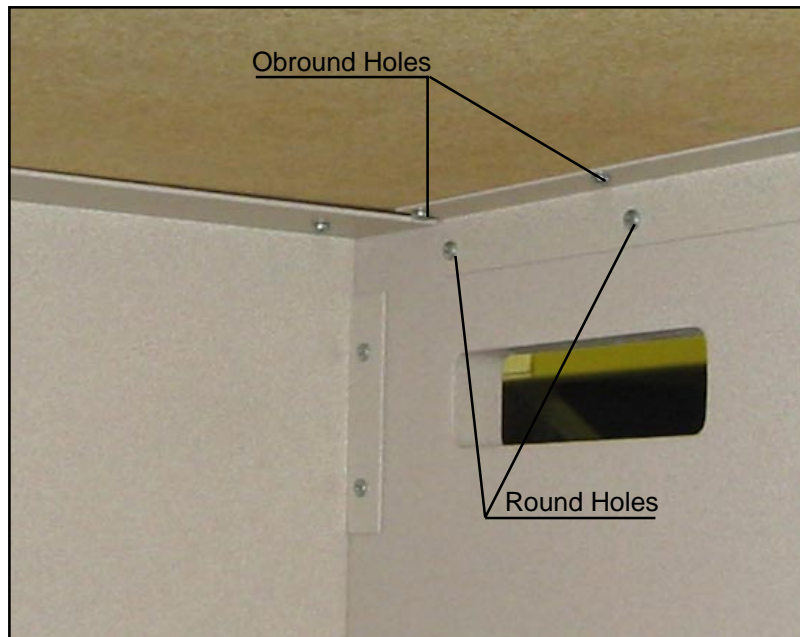


For wiring trough installation

The undercounter steel span can be mounted downwards as an equipment shelf or with its front lip facing upwards to form a wireway.

Place the countertop and align predrilled holes with counter bracket and rear panel holes. Install using the 8-32 x 5/8" Phillips panhead screws.

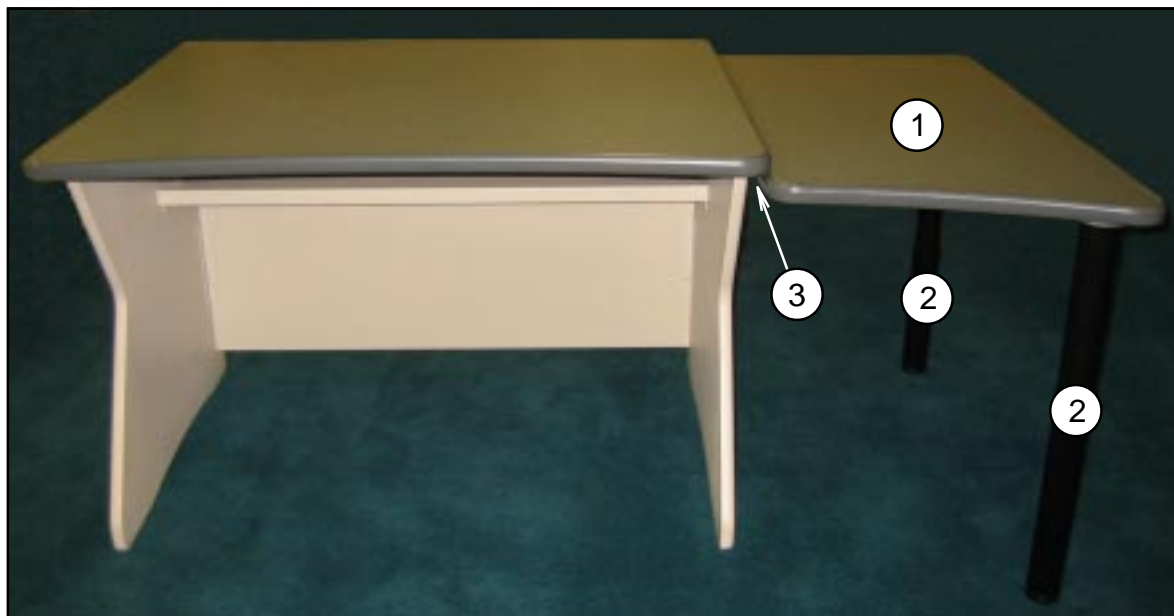
Caution! The countertop is heavy. You will need a help of the second person to place the countertop on the top of assembled unit.



SIDE COUNTER ASSEMBLY

The Audioarts A-Line Side Counter Assembly includes a countertop (1), the support legs with brackets (2), and a counter bracket (3, not shown).

The picture shows a side counter attached to the desk assembly. Note that the diagram shows the single side countertop. The contents of your specific package will depend on your order.



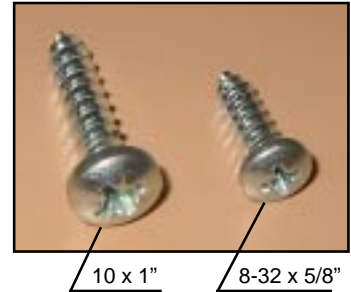
Note: Counter bracket (3) is hidden in the above picture.

SIDE COUNTER ASSEMBLY			
POS.	DESCRIPTION	QTY	WS P/N
1	FULL INTERVIEW COUNTER LEFT	1	006950
1A	FULL INTERVIEW COUNTER RIGHT	1	006952
1B	1/2 INTERVIEW COUNTER LEFT	1	006954
1C	1/2 INTERVIEW COUNTER RIGHT	1	006956
1D	SINGLE SIDE COUNTER LEFT	1	006958
1E	SINGLE SIDE COUNTER RIGHT	1	006960
1F	LONG SIDE COUNTER LEFT	1	006962
1G	LONG SIDE COUNTER RIGHT	1	006964
2	SUPPORT LEG w/BRACKET FOR FULL INTERVIEW & LONG SIDE COUNTERS	3	141450
2A	SUPPORT LEG w/BRACKET FOR SINGLE SIDE COUNTERS	2	141450
3	COUNTER BRACKET	1	006918
4	SIDE COUNTER INTALL KIT	1	006941
5	*8-32 X 5/8" PHILLIPS PANHEAD STEEL/ZINC SCREW	11	820127
6	*10 X 1" PHILLIPS PANHEAD TYPE A S/Z SCREW	19	820133

* Installation Kit Components

To assemble the side counter you will be using hardware as shown. Also see the side counter assembly parts list on the previous page. The side counter assembly kit includes a few extra screws.

Note that all side counter pieces have predrilled holes for perfect alignment.



Begin assembly by placing the countertop upside down on a clean surface, and attaching leg brackets to the countertop, using the 10 x 1" Phillips panhead screws. Note that single side counters are supplied with two legs, and interview and a long side counters are supplied with three legs.



Next, screw the round legs into the leg brackets. There is a leveler on the bottom of the leg for uneven floor adjustment.



Then attach the counter bracket to the outside of the desk leg of the assembled desk using the 8-32 x 5/8" Phillips panhead screws.



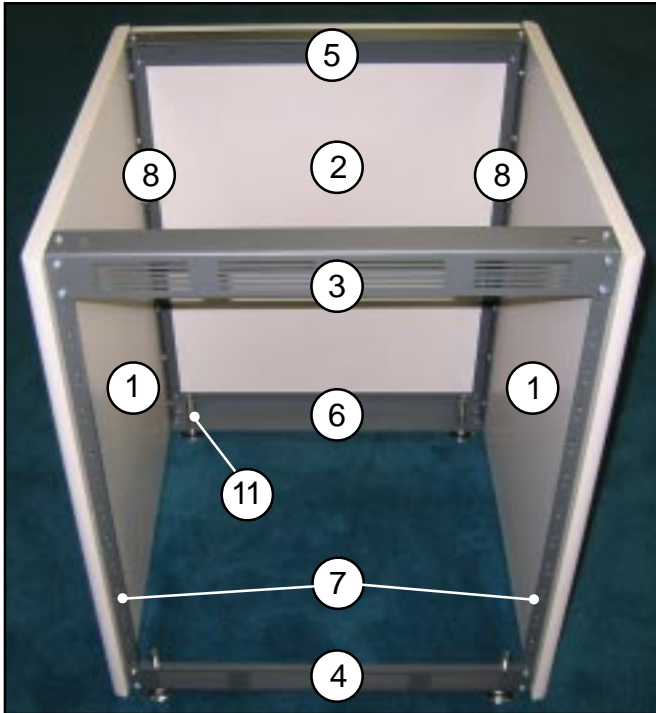
IMPORTANT! *The counter bracket has round holes on one side and obround holes on the other. The side with round holes must be attached to the desk leg.*

Turn over the side counter, stand it on the round legs, and attach it to the counter bracket using the 8-32 x 5/8" Phillips panhead screws. You will need a second person to hold the assembled side counter while attaching it to the counter bracket.

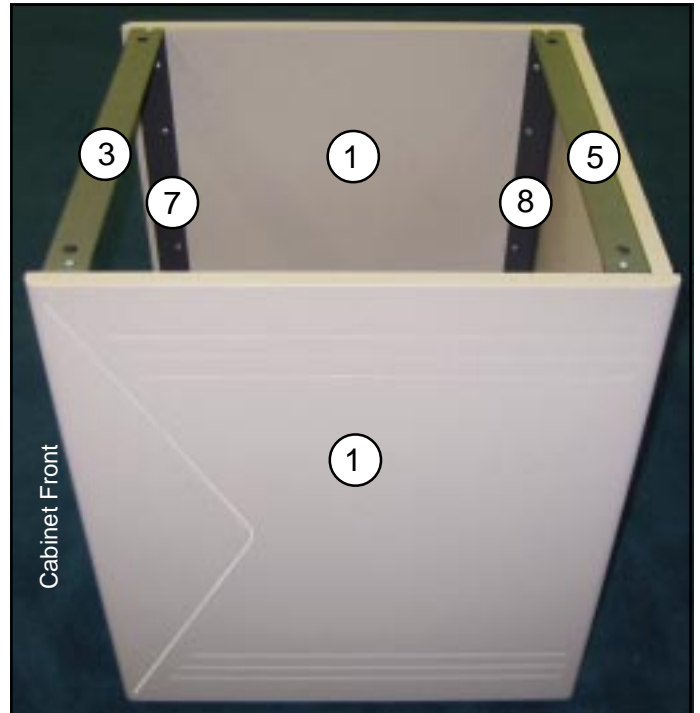


EQUIPMENT CABINET ASSEMBLY

The Audioarts A-Line Equipment Cabinet has two side panels (1), one door (2), one top front rack metal piece (3), one bottom front rack metal piece (4), one top rear rack metal piece (5), one bottom rear rack metal piece (6), two 12 RU rack rails (7), two rear rails (8), and four levelers (11).



Front View



Side View

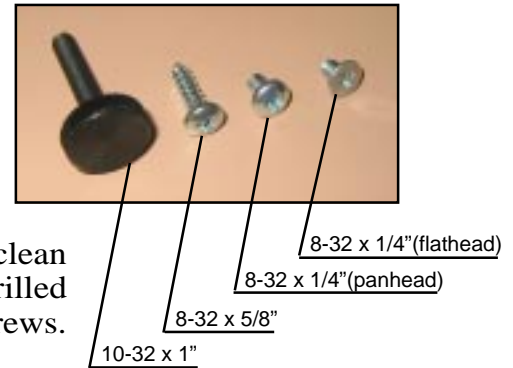
CABINET ASSEMBLY			
POS.	DESCRIPTION	QTY	WS P/N
1	CABINET SIDE	2	006920
2	CABINET DOOR	1	006921
3	CABINET FRONT RACK METAL	1	006922
4	CABINET FRONT RACK METAL w/RIVET NUT	1	006927
5	CABINET REAR RACK METAL	1	006923
6	CABINET REAR RACK METAL w/RIVET NUT	1	006928
7	CABINET 12 RU RACK RAIL	2	006924
8	CABINET REAR RAIL	2	006925
9	3/8"-16 RIVET NUT, 25/PACK	4	821025
10	CABINET INTALL KIT	1	006942
11	*LEVELING FOOT ONLY	4	823103
12	*10-32 X 1" THUMB SCREW	4	820060
13	*8-32 X 5/8" PHILLIPS PANHEAD STEEL/ZINC SCREW	29	820127
14	*8-32 X 1/4" PHILLIPS FLATHEAD STEEL/ZINC SCREW	9	820129
15	*8-32 x 1/4" PHILLIPS PANHEAD	17	820130

* Installation Kit Components

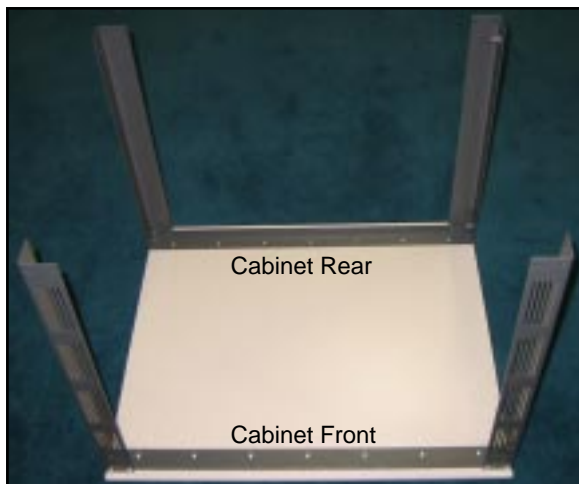
To assemble the equipment cabinet you will be using hardware as shown. Also see the cabinet assembly parts list on the previous page. The cabinet assembly kit includes a few extra screws.

Note that all cabinet pieces have predrilled holes for perfect alignment.

Begin assembly by placing the cabinet sides upside down on a clean surface and attaching the rear rails and the 12 RU rails to the predrilled holes on each side panel using the 8-32 x 5/8" Phillips panhead screws.



Next, attach the rack front and rack rear metal sections using 8-32 x 1/4 panhead and flathead screws (see next page for assembly details). Flip the assembled part over. Note that front and rear rack metal sections with rivet nuts must be on the bottom of the cabinet to accommodate leveler feet or optional casters.



As you can see in the close-up pictures, to attach the metal pieces you need to use 8-32 x 1/4" Phillips panhead screws. There is one exception - on the back of the rear metal racks use 8-32 x 1/4" Phillips flathead screws in the countersunk metal.



Upper Front Rack (outside view)



Upper Rear Rack (outside view)



Lower Front Rack (inside view)



Lower Rear Rack (outside view)

Then attach the second side panel to the rack front and rack rear sections using the 8-32 x 5/8" Phillips panhead and flathead screws.



Mount the cabinet door using the 10-32 x 1" thumb screws. It will be easier to screw down the cabinet door if you tip assembly over placing front rails on the floor.



Finally, screw levelers into the rivet nuts on the bottom of the cabinet front and rear rack metal. You can adjust levelers (there is a slot on the end of the leveler screw) for uneven floor using a standard flat screwdriver or a wrench.



Cabinets come standart with adjust-able leveling feet; caster wheels are also available as an optional kit.



Leveling Feet

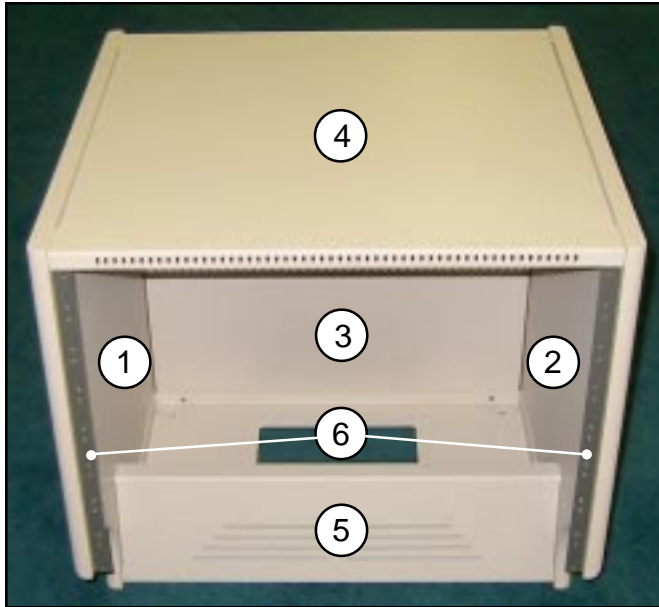


Caster Wheels

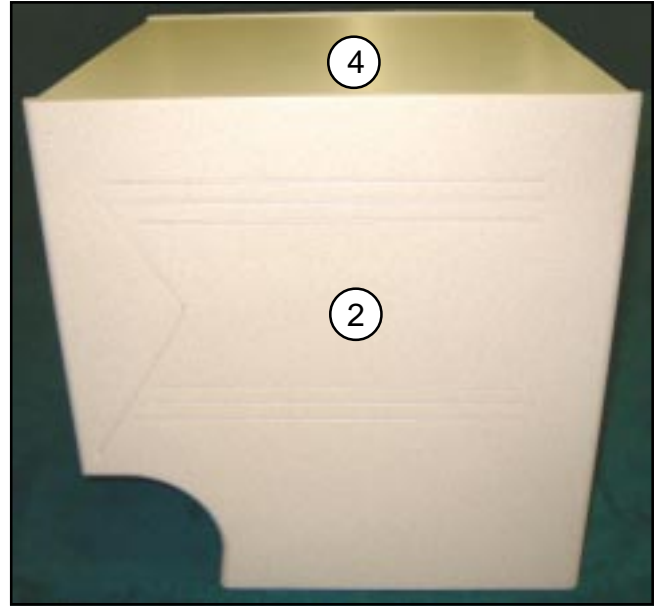


TURRET ASSEMBLY

The Audioarts A-Line Turret has one left side panel (1), one right side panel (2), a door (3), a top tray (4), a bottom tray (5), and two turret rack rails (6).



Front View



Side View

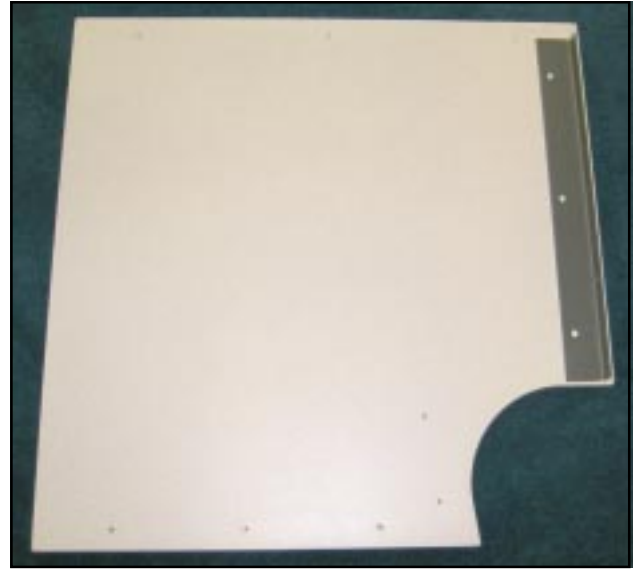
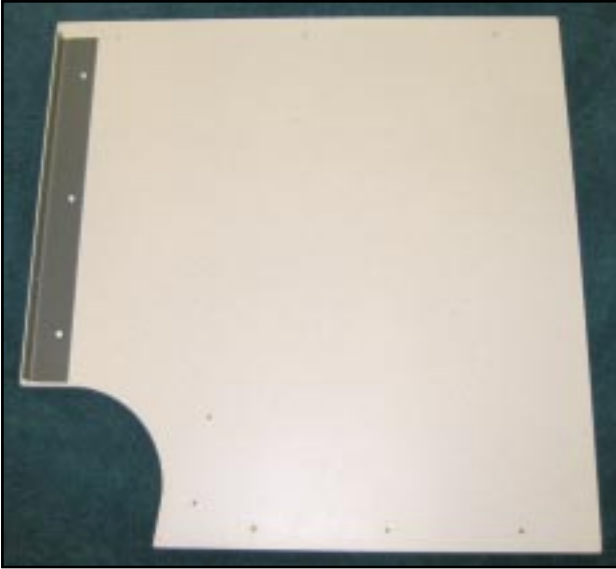
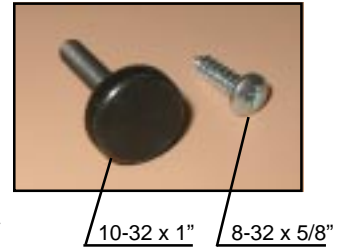
TURRET ASSEMBLY			
POS.	DESCRIPTION	QTY	WS P/N
1	TURRET LEFT SIDE	1	006930
2	TURRET RIGHT SIDE	1	006931
3	TURRET DOOR	1	006932
4	TURRET TOP TRAY	1	006933
5	TURRET BOTTOM TRAY	1	006934
6	TURRET RACK RAIL	2	006935
7	TURRET INTALL KIT	1	006943
8	*10-32 X 1" THUMB SCREW	4	820060
9	*8-32 X 5/8" PHILLIPS PANHEAD STEEL/ZINC SCREW	23	820127
10	*1/4-20 X 1 1/2 TAP BOLT	4	820132
11	*1/4-20 HEX NUT S/Z	4	821020
12	*FLAT WASHER 1/4 USS F/L ZI	4	822019

* Installation Kit Components

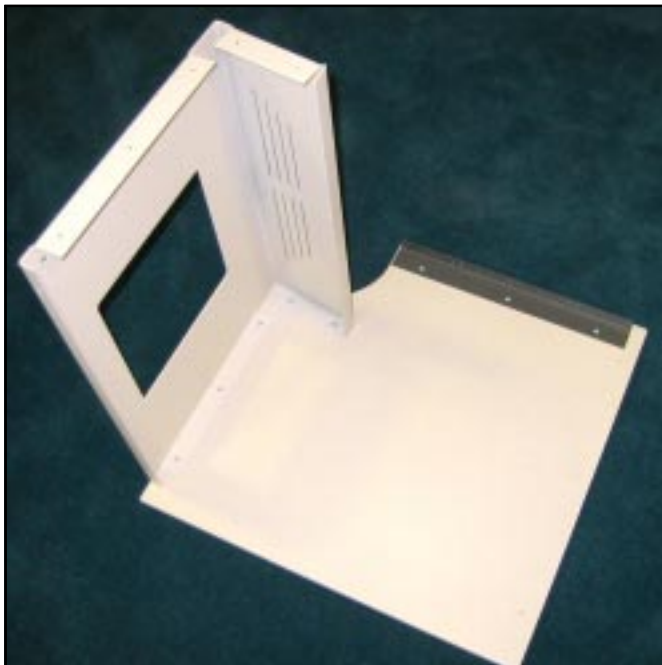
To assemble the turret you will be using hardware as shown. Also see the cabinet assembly parts list on the previous page. The turret assembly kit includes a few extra screws.

Note that all turret pieces have predrilled holes for perfect alignment.

Begin assembly by placing the turret side panels upside down on a clean surface and attaching the rack rails to each side using the 8-32 x 5/8" Phillips panhead screws.



Next, attach the bottom tray to the left side panel. Flip the assembled unit over.



Then attach the right side panel to the bottom tray using the 8-32 x 5/8" Phillips panhead screws.



Install the turret top tray using the 8-32 x 5/8" Phillips panhead screws.



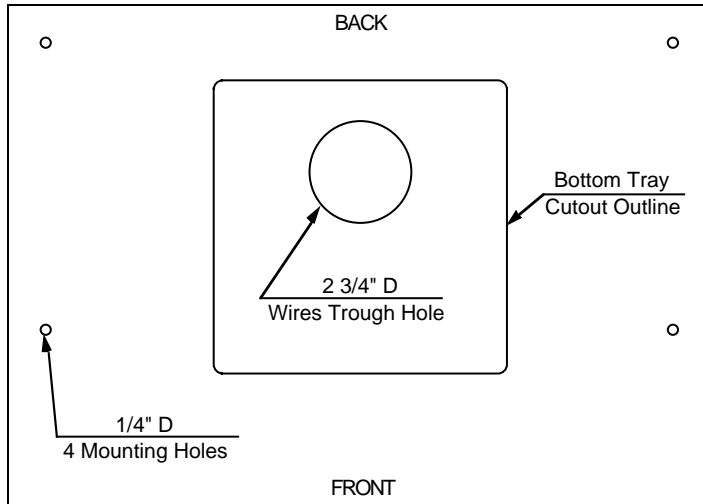
Finally, mount the turret door using 10-32 x 1" thumb screws.



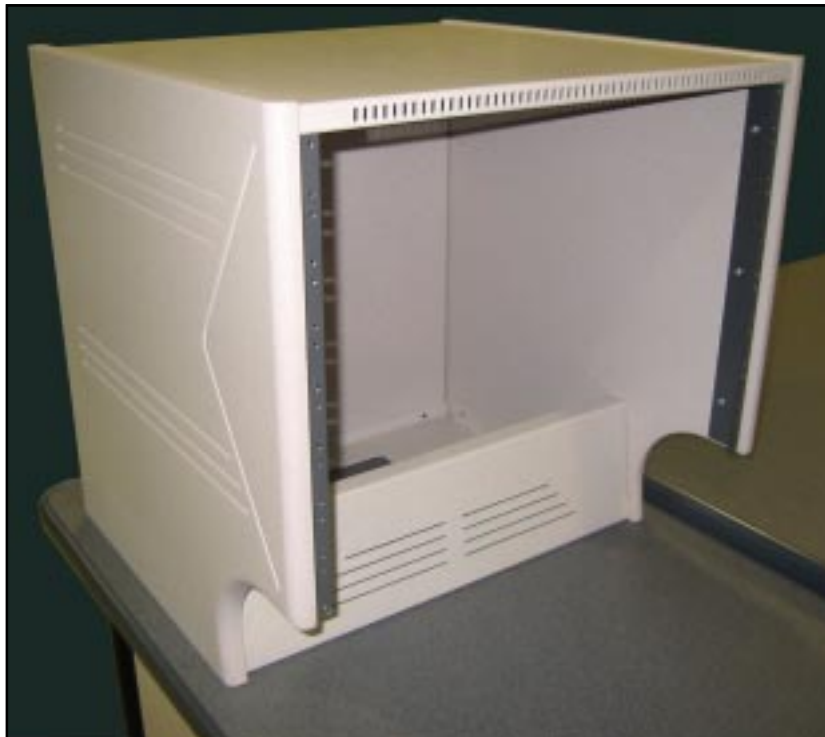
On the bottom part of the turret bottom tray are 4 predrilled holes (1/4" D) that are used for mounting the turret to a countertop.



Drill holes in the countertop by using the supplied full size turret template (W# 006946). Then place the turret on the counter and secure it with 1/4" bolts, flat washers, and hex nuts.



CAUTION: The formica surface of the furniture, while highly resistant to marking and abuse, can be scratched. Be very careful when mounting the equipment turret on top of the counter, not to slide one piece across the top of another. Keep in mind that, once scratched, formica is virtually impossible to repair.



OPTIONAL PUNCHBLOCK COVER ASSEMBLY

The Audioarts A-Line Cover assembly includes one punchblock cover panel (1), and two brackets (hidden on the picture).



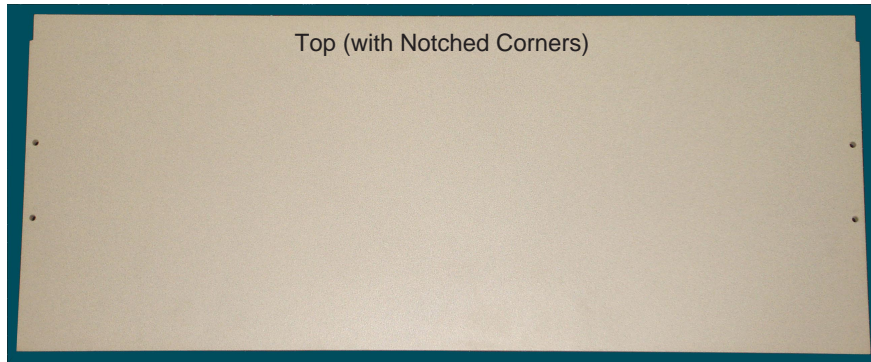
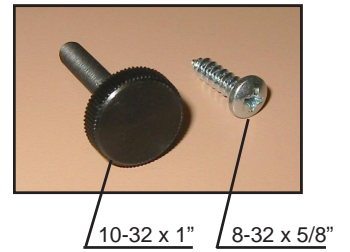
Front View

OPTIONAL PUNCHBLOCK COVER ASSEMBLY			
POS.	DESCRIPTION	QTY	WS P/N
1	PUNCHBLOCK COVER	1	006939
2	PUNCHBLOCK COVER BRACKET	2	006919
3	PUNCHBLOCK COVER ASSY INSTALL KIT	1	006948
4	*10-32 X 1" THUMB SCREW	4	820060
5	*8-32 X 5/8" PHILLIPS PANHEAD STEEL/ZINC SCREW	4	820127

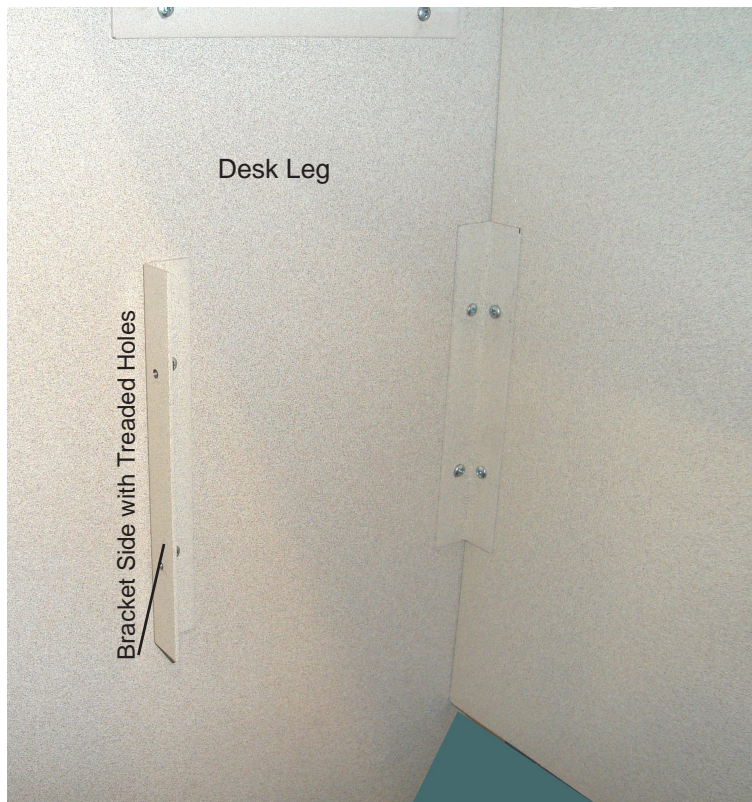
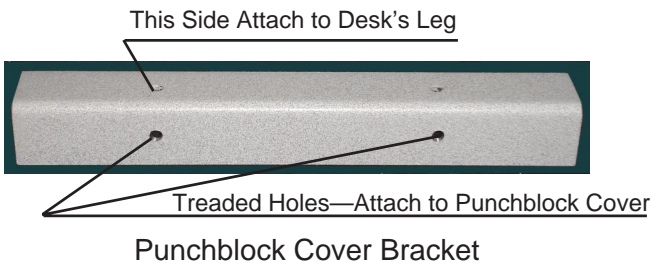
* Installation Kit Components

To assemble the punchblock cover you will be using hardware as shown.

Note that punchblock cover has predrilled holes for perfect alignment.



Punchblock Cover



The assembly is simple and takes just two steps.

First, attach the brackets to the both of the desk's legs using the 8-32 x 5/8" Phillips panhead screws. Note, the one side of the bracket has threaded holes that meant for punchblock cover attachment.

Then mount the turret door using 10-32 x 1" thumb screws.

