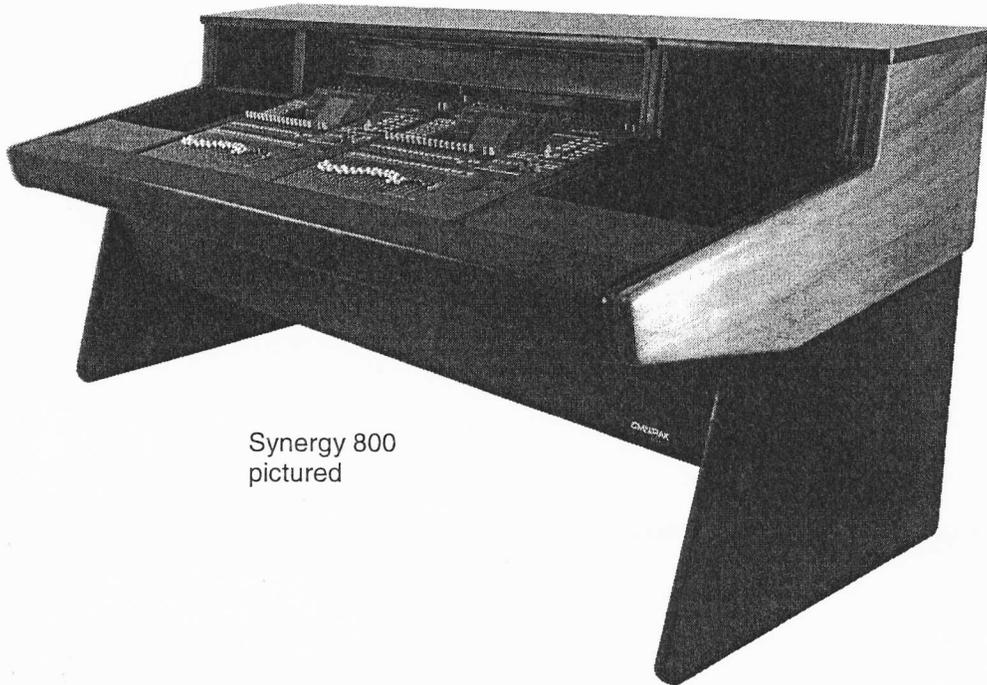


P.O Box 1792 Sausalito, CA 94966
800.332.3393 415.332.3392 FAX 415.332.2607
www.omnirax.com e-mail: info@omnirax.com



Synergy 800
pictured

Synergy 600 Parts List:

- (2) Outer Sides (Left and Right)
- (2) Cheeks (Left and Right)
- (1) Front T-Top
- (1) Rear T-Top
- (2) T-Stems (front and rear are identical)
- (2) Rack Bay Sides (Left and Right)
- (2) Rack Bay Bases (identical)
- (1) Rack Bay Support
- (1) Rack Bay 4-Space Cover
- (1) Removable Rear Panel
- (1) Top
- (1) Wrist Pad
- (2) Support Bocks for the Top

Synergy 600 Hardware List:

- (24) 2" Titus Assembly Screws
- (9) 1-3/8" Titus Screws (Sides into Cheeks only)
- (6) 2-1/4" Silver Screws (Rack Bay into Cheeks only)
- (30) Cover Caps
- (18) 5/8" Screws for mounting Rack Rail, Angle Bracket in rear and Handles on Rear Removable
- (20) Equipment Mounting Screws
- (20) Nylon Washers
- (32) Sets 1-3/8" Bolts, Nuts and Washers for mounting Angle Brackets and attaching Wrist Pad
- (2) Sets 2" Bolts, Nuts and Washers for securing Assembled Rack Bay to T-Tops
- (1) Allen Key
- (1) Pair 4-Space Rack Rail
- (1) Pair 12-Space Rack Rail
- (4) Short Angle Brackets (for mounting T-Stems)
- (1) Short Angle Bracket with Velcro (for far side attachment of rear removable)
- (2) Long Angle Brackets (to support T-Tops)
- (2) Handles for Rear Removable



Moving your Synergy

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www.omnirax.com e-mail: info@omnirax.com

Thank you for your purchase of our Omnirax Synergy.

Please read this before setting up your Synergy!

If possible, assemble the Synergy where it will be positioned when completed. Why? Synergies, like people, do not enjoy being dragged across the floor! If you want to move it, the Synergy **MUST** be picked up, and not dragged across the floor. This means a strong person on each corner, or 2 really strong people, one on each end.

The sides are not designed to endure the stress of dragging the completed Synergy across the floor. If you do, there is a possibility of the sides cracking and / or breaking. We have never heard of one coming apart or breaking otherwise.

Thank you and be careful.

The Omnirax Team

Thank you for your purchase of the SYNERGY 600!

Your SYNERGY 600 has been carefully packaged in FOUR shipping boxes:

- Box #1 Outer Sides
- Box #2 One Pair of Rack Bay Sides, Left and Right Cheeks, 2 Long Angle Brackets
- Box #3 Wrist Pad, T-Tops, Front and Rear, T-Stems, Top, and Removable Rear Panel
- Box #4 Assembly Instructions, Hardware, Rack Bay Bases, Top Support Blocks

In addition, depending upon your mixer and your specific configuration, you may have one or two additional boxes comprising a kit which "Synergizes" your mixer.

Your SYNERGY 600 can be assembled with just a few tools:

- A Philips or Pozi screwdriver. A cordless screwdriver will speed things up considerably.
- A rubber mallet or lightweight hammer to tap the screw covers in place.

To Aid your Assembly:

- Refer to the accompanying drawings to see how your Synergy fits together.
- The assembly schematics identify the various holes and positioning and types of hardware.
- The screw page identifies the appropriate fasteners to use.
- Put everything together and save the "tighten-up" for last. This allows the final fit to be as easy and precise as possible.
- All the holes have been pre-drilled for you. In the case of the rack rail and angle bracket mounts, the holes are starter holes only, since the screws cut their own path and thereby provide a stronger connection.

Begin by identifying all the parts:

- Each Synergy consists of two Sides held together with a framework of T-Shaped supports.
- Every Synergy base unit comes standard with one Rack Bay to mount on the right hand side.
- A Top, Removable Back and a Wrist Pad complete the assembly of the base unit.

Please take note:

- If you have purchased a Synergy Kit and are assembling and installing it at this time, it is generally easier to install your kit before attaching the Top, Removable Back and Wrist Pad.
- It is important to mount Standard or Solid Mahogany Cheeks **before** loading gear into Rack Bays.

It is easiest to assemble in the following order:

- Mount all the hardware first
- Attach T-Tops to T-Stems
- Build your Rack Bay(s) and your Kit Assemblies
- Grab a friend and attach Sides to the T structure you just assembled

- Secure the Rack Bays
- Mount the Cheeks
- Position the Kit Assemblies
- Attach the Top
- Attach the Wrist Pad
- Position any blocking supplied for your mixer
- Load your gear
- Wire it up
- Position the Top Support Blocks
- Put the Removable Back in place
- Begin to Mix!

Step by Step Instructions:

Mounting Hardware:

- Locate the two **Sides**. To determine which is Left and which is Right, look for the two starter holes in the upper rear corner. These go on the inside.
- Mount the **Long Angle Brackets** to each **Side** (The **Long Angle Brackets** are the only pieces of hardware not in Box #4; they are in Box #2.) Use 3 of the 1-3/8" Bolts for each one. Position the **Long Angle Bracket** it so that the edge with 8 holes is on top. Mount the angle bracket with the bolt first going through the outside and the nut and the washer against the bracket on the inside of the cabinet. Use the enclosed Allen Key to tighten the bolt. Make sure the flange sticks out over the nut and washer so that the **T-Tops** can sit on top.
- Mount the two **Short Angle Brackets** next using 2 of the same 1-3/8" Bolts as above. Position them so that the **T-Stems** can be attached to the outside of these brackets which will then be hidden in the center of the Synergy. Use the top of each group of two holes,
- The **Left Side** only gets the one **Short Angle** with Velcro on it. Using the 5/8" Sheet Metal Screws (the ones with the pointed ends), attach it to the inside of the **Left Side** so that the top of the bracket is even with the top of the Side, with the Velcro facing to the rear.
- Unwrap the **Left and Right Rack Bay Sides**. Using the same 5/8" Screws, attach both the 4 and 12 space Rack Rail to each side. Position the rail so that the oval hole in the side of the rack rail is centered over the starter hole in the **Rack Bay Side**.
- Locate the two **Handles** and attach them to the **Rear Removable Panel** with the last of the 5/8" screws you have been using. Screw through the side of the panel with the Velcro attached into the two holes in each handle.

Pre-Assembly of Rack Bay and T's

- We use the 2" Titus Assembly screws to put these pieces together.

Tip: One easy way to tell if the screw is finding the hole in any part is to insert the screw and try to wiggle it and feel the hole, and hand tighten it. If you can hand tighten it a little, you are in the hole; if you are having trouble hand tightening it, and can't feel the hole, start over. Also it is best not to tighten up assembly completely until all the parts are screwed in most of the way. This way any minor adjustments can be handled during the final tighten-up. When you do the final tighten up, you want the screws to go in so that the head just seats against the surface. Be careful not to let the "bite" get away from you, especially if you are using a driver drill, and pull the screw too far into the surface of the side. This is the procedure whenever doing the final tightening.

- Attach the two **Rack Bay Bases** using two screws into each end of one side. Attach the **Rack Bay Support** using two more. Position it so that the "scoop" faces down. This scoop will be your cable pathway from gear loaded in the front of the rack to the back of your mixer. Rest the Rack Bay down on its side with the Bases and Support sticking up in the air, lay the other **Rack Bay Side** on top, and screw down from above. Set the completed Rack Bay assembly aside for now. (If you purchased another Rack Bay as part of your Synergy Kit, assemble it now while you are in the groove.)
- Next is assembling the **T's**. It is helpful to have a second pair of hands here. (If you find that you are doing this by yourself, it is probably easier to bolt the **T-Stems** to the **Sides**, and then attach the **T-Tops**, but this is not the preferred method) .
- Stand one of the **T-Stems** up so that the four holes in the top are facing up at you. Take either the **T-Top Front** or **Rear** and position it over the holes. Using the 2" Titus Screws, attached the two parts together; then carefully lay them down while doing the other set.

Assembling the Synergy Framework

- Here's where it really helps to have two people. One person stands up and supports the **Side** and the other carefully lifts either the **Front T-Assembly** or **Rear T-Assembly** into position. The **T-Top** slides over the **Long Angle Bracket**, and the **T-Stem** rests against the face of the **Short Angle Bracket**. Using more of the 1-3/8" Bolts, be sure to secure with the nuts and washers, but do not tighten all the way. Take the other **Side** and glide it into position and secure it the same way.
- The Synergy should now be standing, but now is **not** the time to let go of it. Take the second **T-Assembly** and bolt it into position. Once the nuts and washers are on it is okay to take a step back. It is tempting to tighten everything up now, but it is better to mount the **Rack Bay** before you do so.

Mounting Rack Bays:

- Take your completed **Rack Bay** assembly and slide it into position at the far right of the Synergy. The two holes in the **Rack Bay Bases** line up over the corresponding holes in the **T-Top Front and Rear**. Using two of the 2" Bolts, attach the Rack Bay to the **T-Assembly**.
- The side of the **Rack Bay** will now provide a reference for the final positioning of the **T-Assembly's**. **The profile of the Rack Bay should match exactly with the Side of the**

Synergy. Once these are in alignment, it is okay to go around and tighten all the screws and bolts.

- Tap the **Cover Caps** into the heads of the screws using a mallet or lightweight hammer.
- If you have a **Rack Bay** for the left side, install it now in the same fashion.

Mounting Cheeks:

- Before you mount the **Cheeks**, be sure that the **Long Angle Brackets** are tightened in place. The **Cheeks** cover the heads of the Bolts and once they are in place, it's not possible to adjust the Bolts again.
- **The profile of the Cheek should match exactly with the Side of the Synergy.** Position the **Cheek** even with the side before screwing it in.
- The **Cheek** is attached with 1-3/8" Screws through **Sides** where there is no Rack Bay. When a Rack Bay is next to the Side, 2-1/4" Screws go through the **Rack Bay Side**, through the **Side**, and into the Cheek.
- As always, screw most of the way in, before checking alignment and doing the final tightening of the screws.

Position Spacer / Filler Kits:

- If you have not already built your filler kits, do so now. Follow the instructions included in the kits. Position them in the Synergy so that they rest against the sides of the **Rack Bay**.

Attaching the Top:

- Take the **Top**, and position it across the **Sides** of the Synergy. The seam in the T-molding should be facing towards the rear. Align the 4 Holes in the **Top** over the holes in the top of the **Sides** of the Synergy, set 2" Titus screws in place, and screw them in one at a time.

Adding the Wrist Pad:

- The **Wrist Pad** attaches with 1-3/8" Bolts at the front edge of the **Front T-Top**. Set the **Wrist Pad** in place with the open side facing into the Synergy. The Bolts are inserted up through the bottom of the **Front T-Top** into the threaded inserts in the blocks on the base of the **Wrist Pad**. Insert both nuts, starting by hand, and doing the final tightening with the **Allen Key** provided.

Finishing it off:

- In order to **Synergize** your mixer, it may be necessary to elevate either the front or the back of the mixer, or maybe both the front and the back. We accomplish this with **blocks** which align the profile of the mixer with the profile of the Synergy. These included in the appropriate kit sold for your mixer. Please refer to the schematics included in your kit.

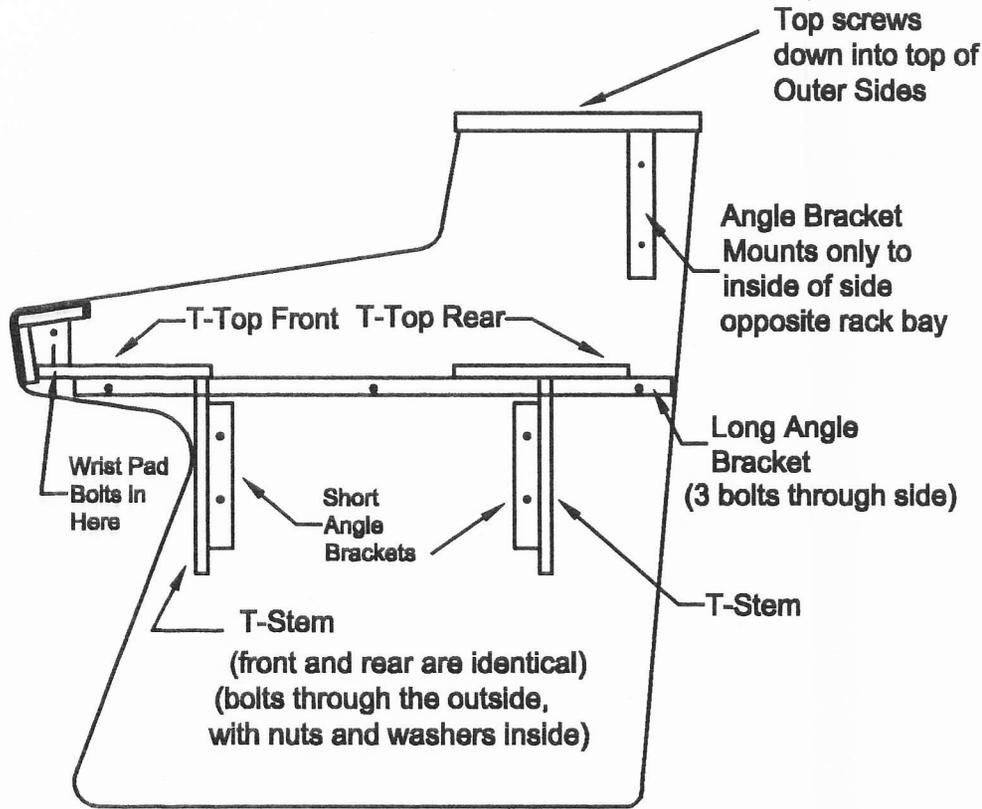
SYNERGY 600 Assembly Instructions 6

Blocks are positioned under the feet of the mixer. In some cases, there is also a panel which goes under the whole mixer and **Blocks** for the feet. Once these are in place, **CAREFULLY** set your mixer(s) into position.

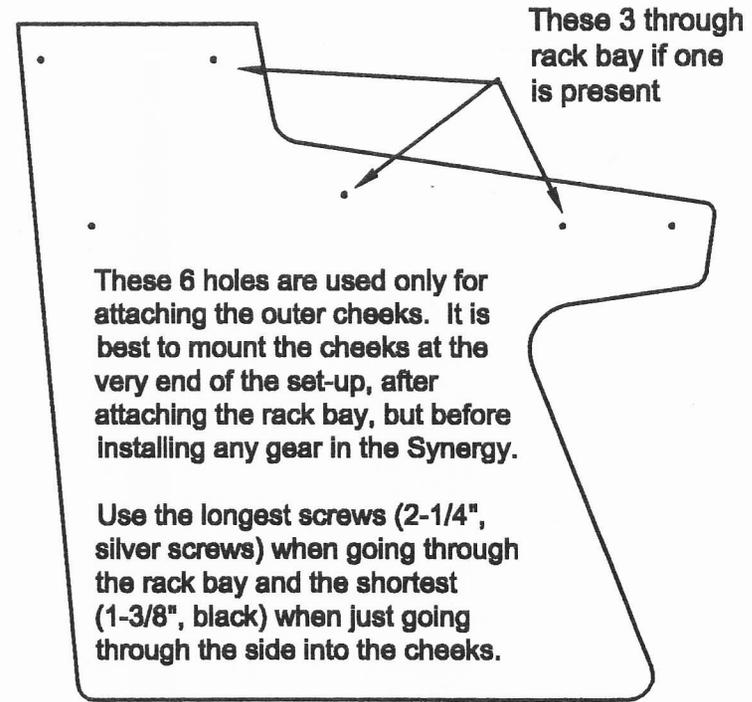
- Wire it all up.
- Take a break. You deserve it.
- Position the **Support Blocks** between the wires so that the **Top** is supported in the center.
- Set your Video and Near Field Monitors in Place.
- Close off the back with the **Removable Rear Panel**. It rests on the **Long Angle Brackets** and is secured by Velcro.

Congratulations! You are ready to mix. Enjoy!

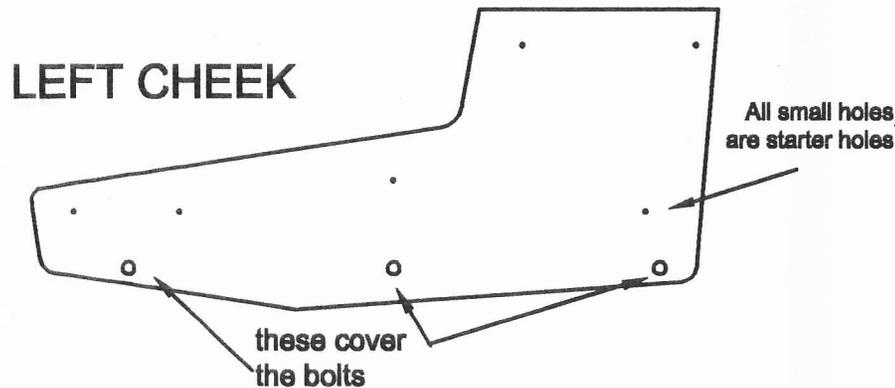
SYNERGY 600 Parts Schematics



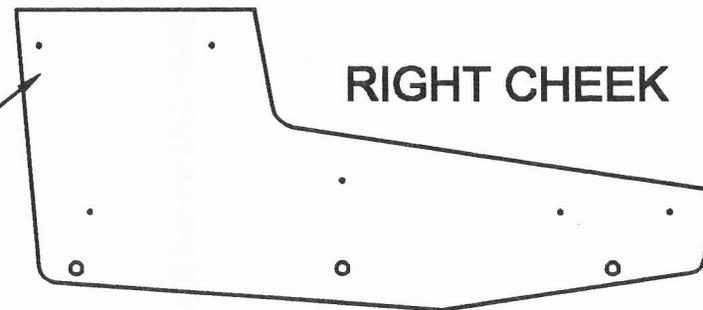
LEFT OUTSIDE



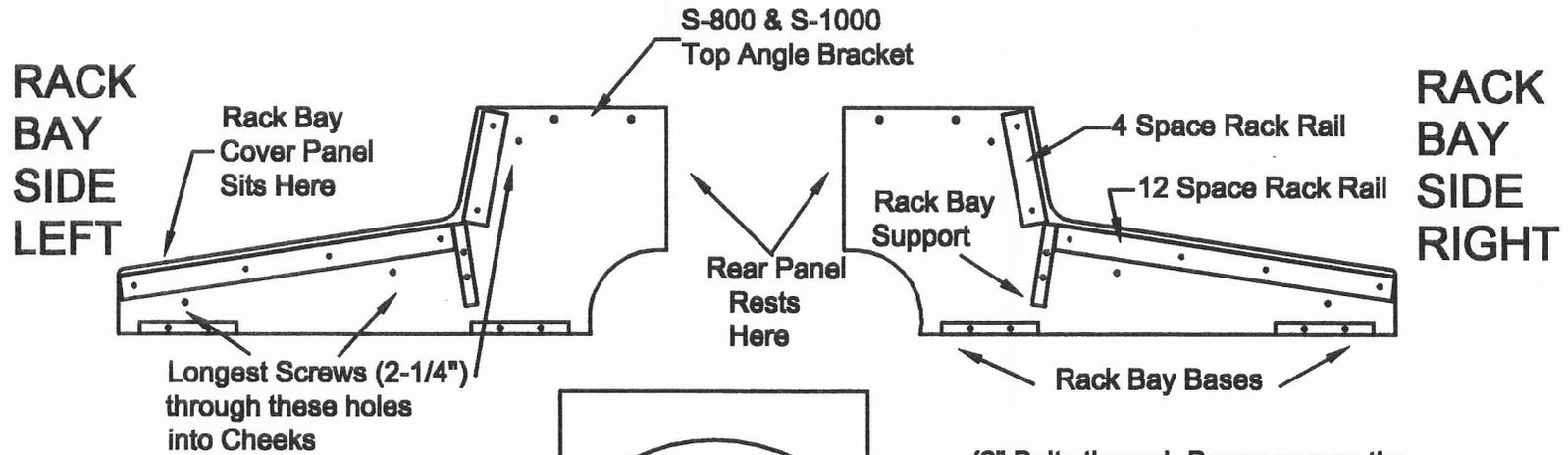
RIGHT OUTSIDE



LEFT CHEEK

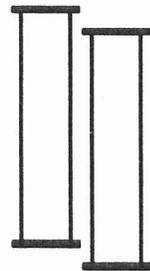


RIGHT CHEEK

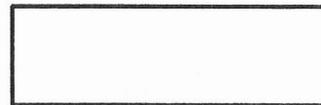


SUPPORT BLOCKS

(Position between Top and T-top Rear for added support)

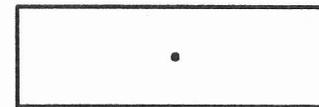
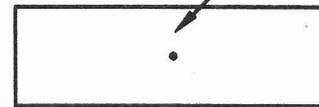


RACK BAY SUPPORT

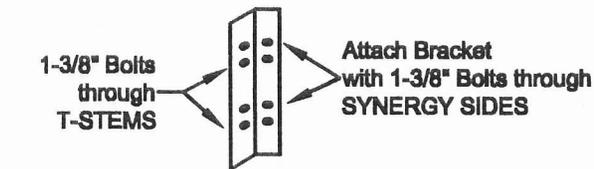


RACK BAY COVER PANEL

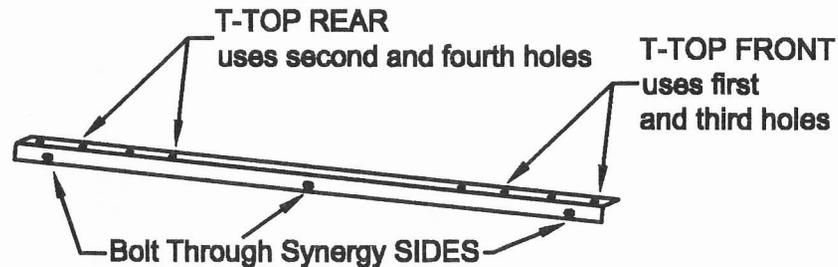
(2" Bolts through Bases secure the Rack Bays to T-Tops Front and Rear)



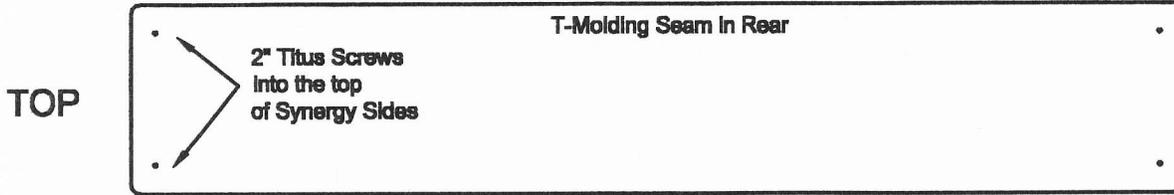
RACK BAY BASES



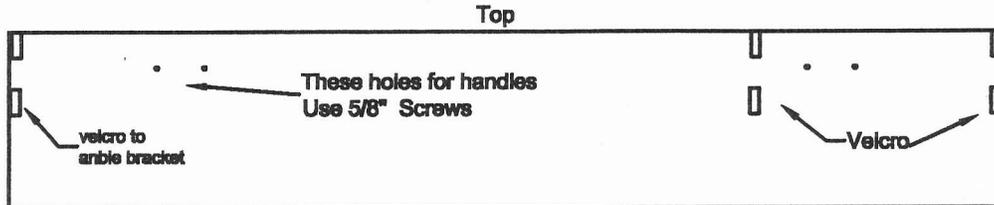
SHORT ANGLE BRACKETS



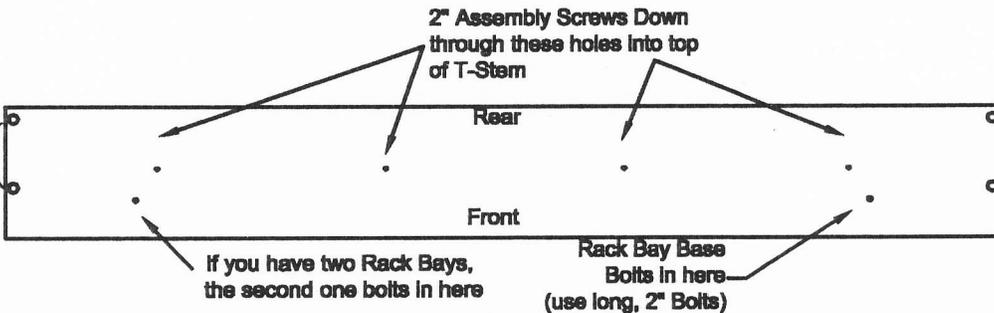
LONG ANGLE BRACKET



**REMOVABLE
REAR PANEL**

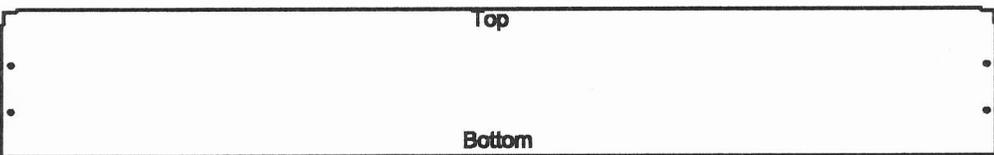


Short Bolts (1-3/8")
through the top of
Long Angle Bracket



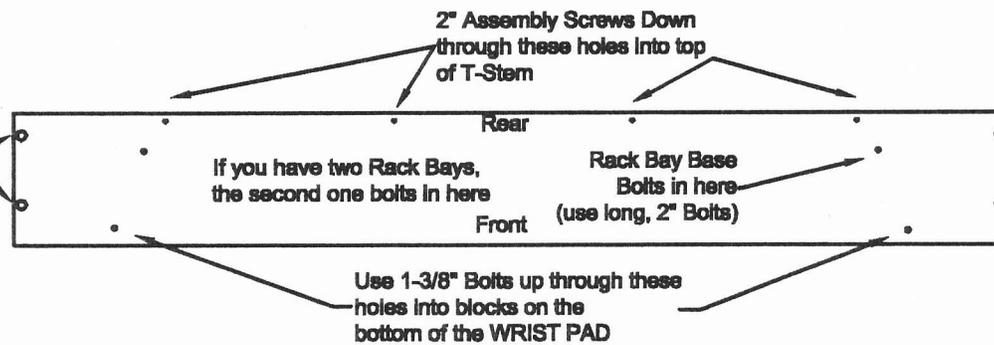
**T-TOP
REAR**

Short Bolts (1-3/8")
through the front of
Short Angle Bracket

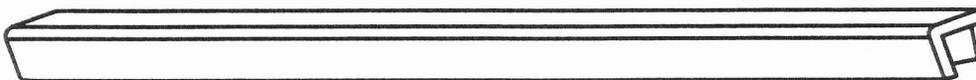


T-STEM

Short Bolts (1-3/8")
through the top of
Long Angle Bracket

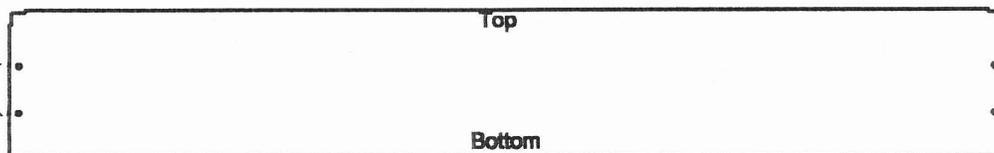


**T-TOP
FRONT**



WRIST PAD

Short Bolts (1-3/8")
through the front of
Short Angle Bracket



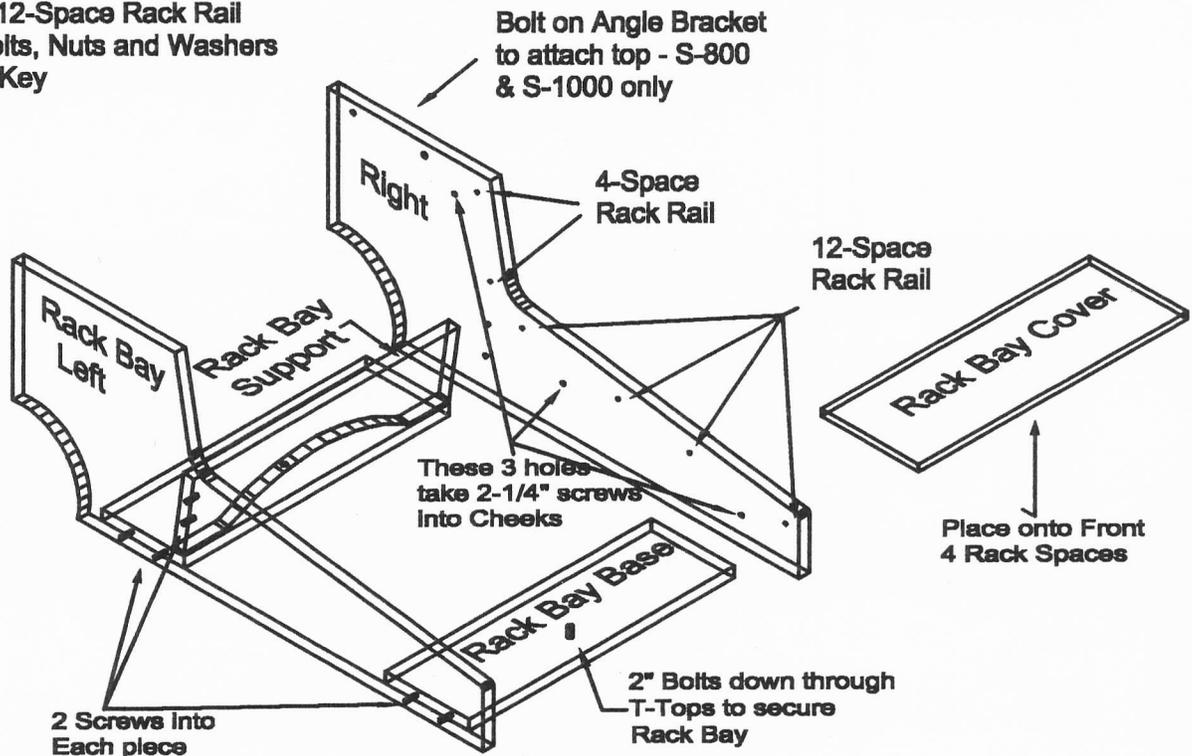
T-STEM

Hardware:

- (12) 2" Titus Screws
- (12) Cover Caps
- (12) Rack Rail Mounting Screws
- (20) Equipment Screws
- (20) Nylon Washers
- (1) Pair 4-Space Rack Rail
- (1) Pair 12-Space Rack Rail
- (2) 2" Bolts, Nuts and Washers
- (1) AllenKey

Parts per Bay:

- Left Side
- Right Side
- (2) Rack Bay Bases
- Rack Bay Support
- Rack Bay Cover



Rack Bay Assembly:

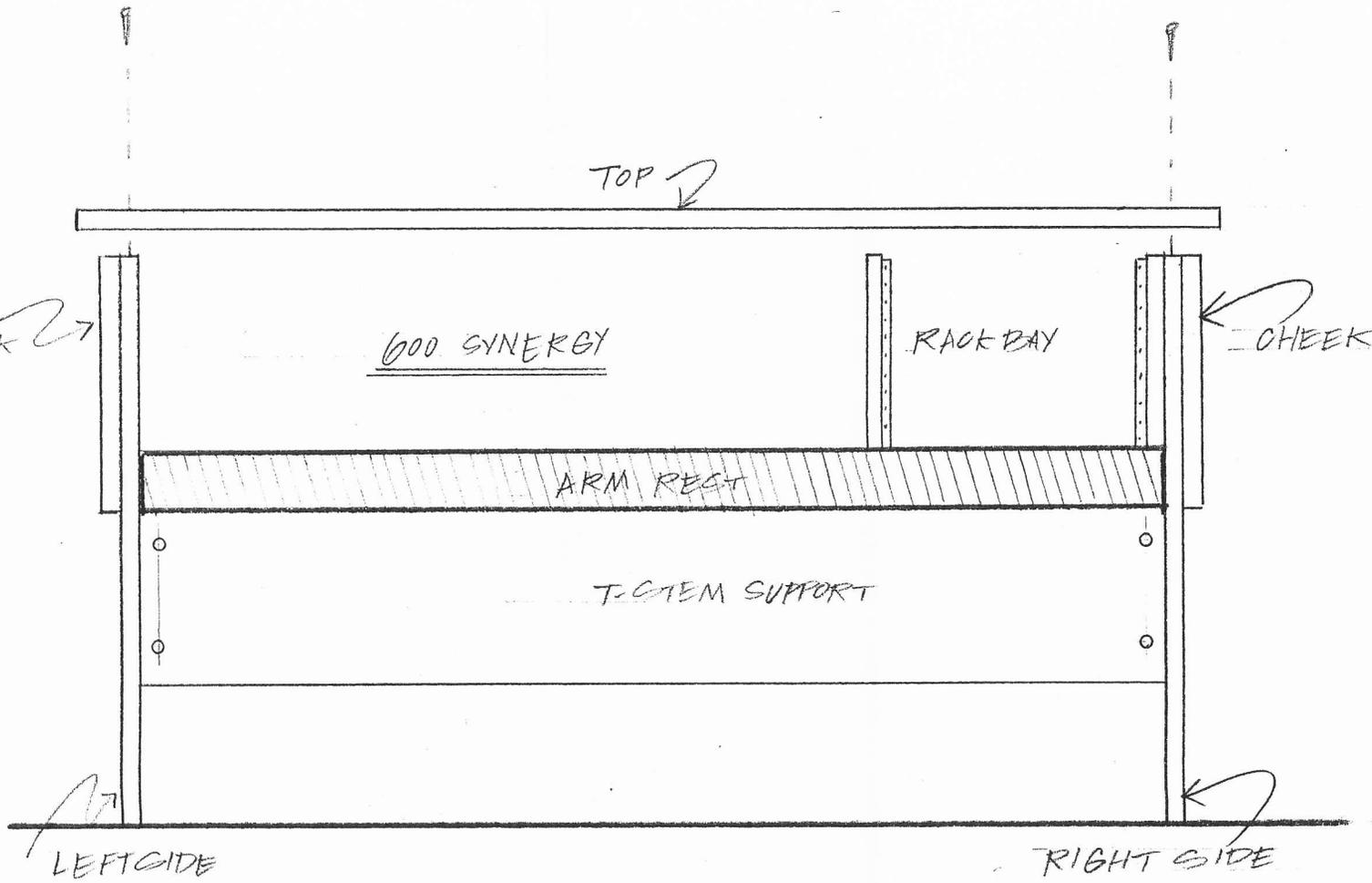
Begin by attaching the rack rail to the left and right sides. Use the 5/8" Sheet Metal Screws. Attach the 2 Rack Bay Bases and Rack Bay Support with 2" Titus screws. Screw them all into one side, flip it onto its back, and screw down through the other side.

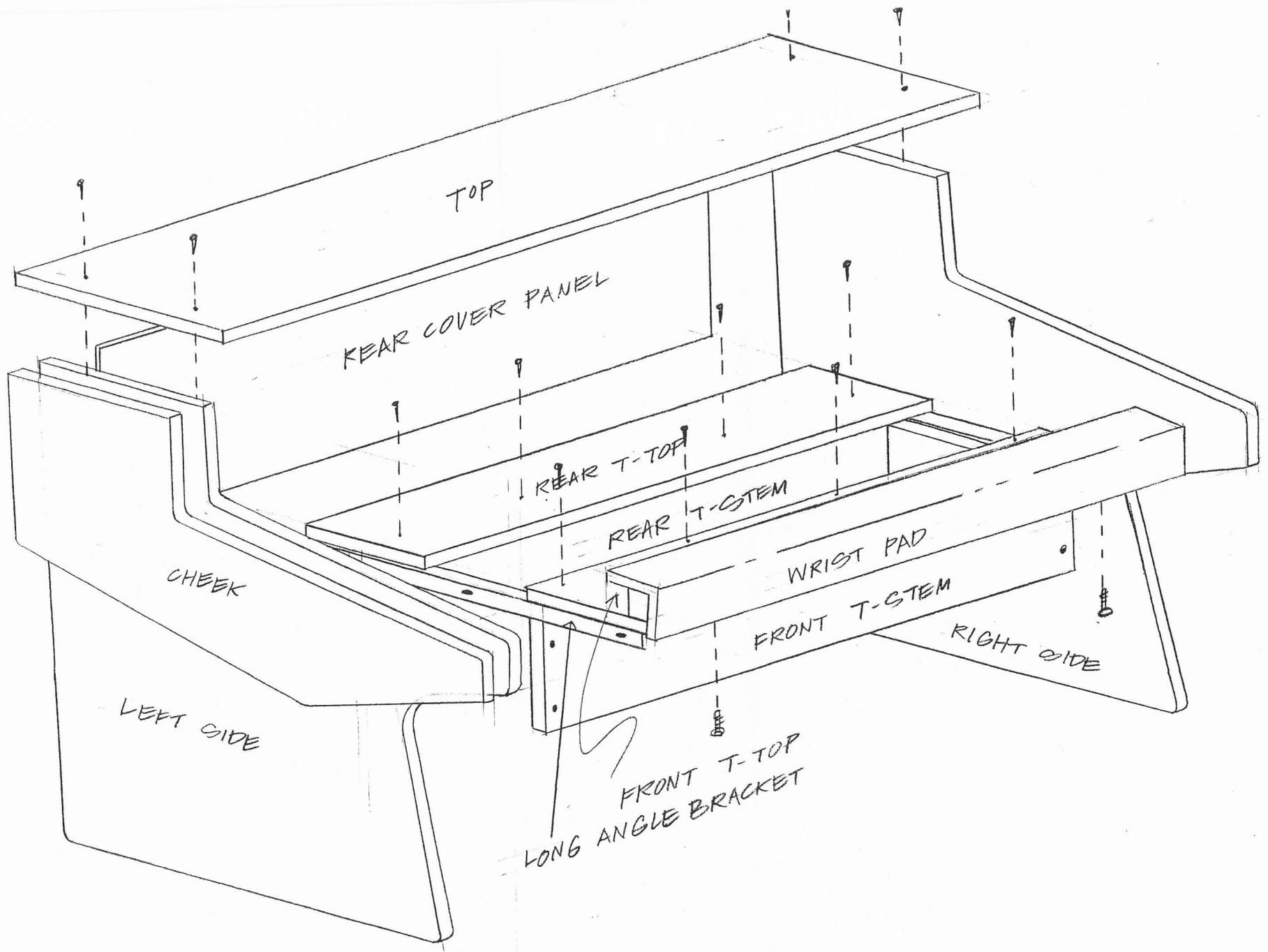
Take the completed Rack Bay and position it against the inside of the Synergy framework. Using the 2" Bolts, secure the rack bay to the Synergy itself. The Bolts go through the top of the Rack Bay Base, and through the T-Top Front or Rear, with the nuts and washers on the bottom.

Next attach the "Cheek" (either Black or Solid Mahogany - contained in Box #2 of the main Synergy). Align the Cheek over the heads of the bolts on the outside of the Synergy.

Using the longest screws (2-1/4" silver, located in your main Synergy Screw Pack), screw through the Rack Bay Side, through the side of the Synergy itself, and into the body of the Cheek. Having done this, finish securing the Cheek with 3 more screws provided in your Synergy Screw Pack. (If you have a Synergy 600: 1-3/8" Synergy 800 or 1000: 1-5/8" Wood Cheeks - any model 2"

Place the Rack Bay Cover over the front 4 rack spaces and you are ready to go. Enjoy!





Synergy 600 Nuts, bolts and screws



washer

2" accessory bolt



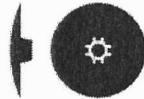
hex nut



1 3/8" accessory bolt



Titus 2" assembly screw



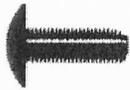
cover cap



Titus 1 3/8" assembly screw



2 1/4" grey wood screw



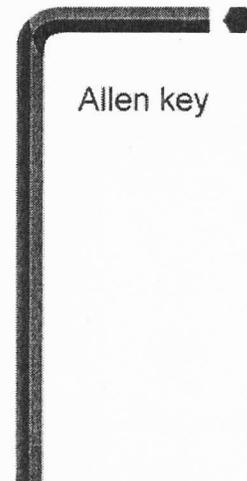
equipment screw



nylon washer



#10 x 5/8 screw for rack rail, etc.



Allen key