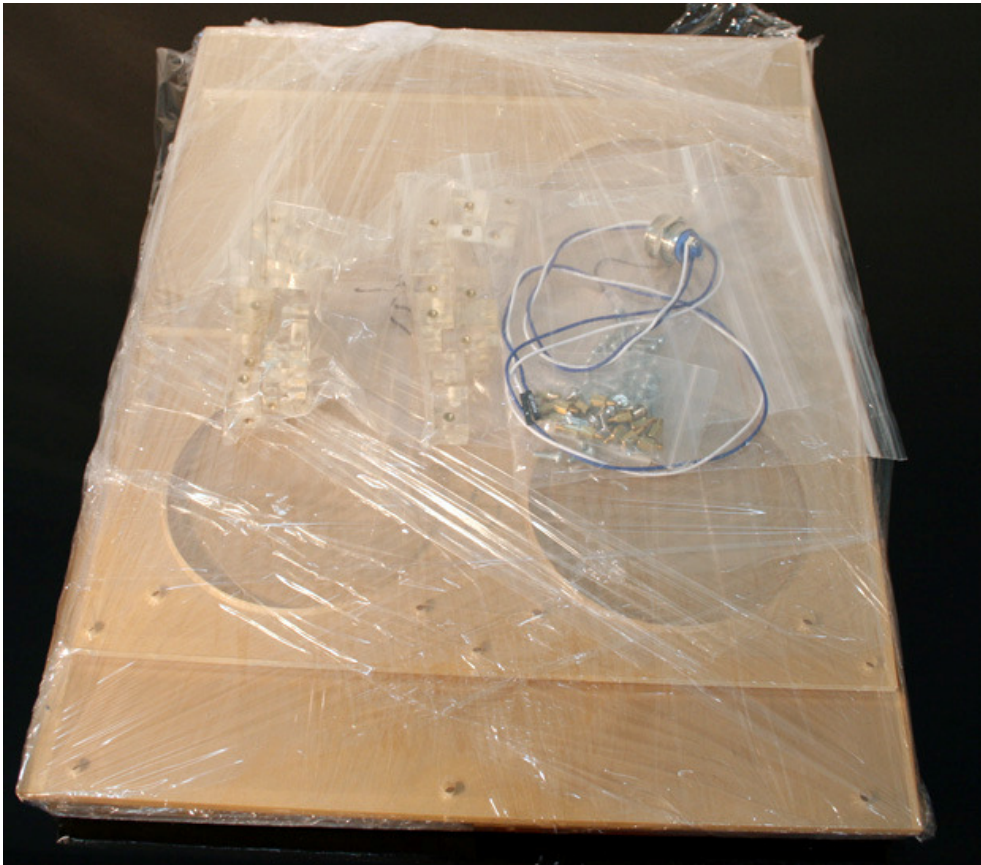




Mountain Mods
Ascension in computer cases and modifications

MOUNTAIN MODS TRANSPARENCY - INSTALLATION INSTRUCTIONS

The Mountain Mods Transparency comes completely flat packed unless you select the option to have it assembled prior to shipping. There is a \$40 fee for assembly. The Transparency takes 30 minutes to 2 hours to assemble depending on familiarity of parts and procedures. The entirety of parts should come wrapped securely in a single bundle as illustrated below:



First go over all parts received for your order and make certain all parts have been received.

Transparency Checklist:

7 Acrylic panels labeled A-G

1 screw pack – contains:

1 x 65 pack 10mm long 3m screws.

1 x additional screw pack – contains:

14 brass standoffs

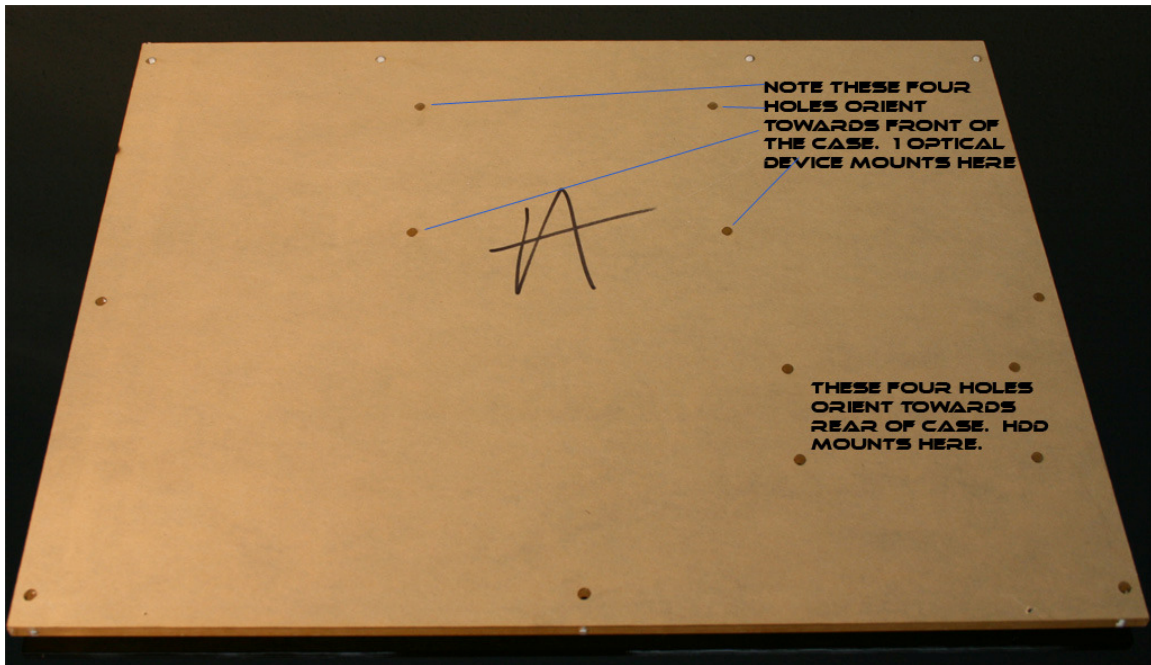
10 – 3m computer screw for attaching motherboard to standoffs

4 long 6-32 screws for fastening PSU to acrylic back panel

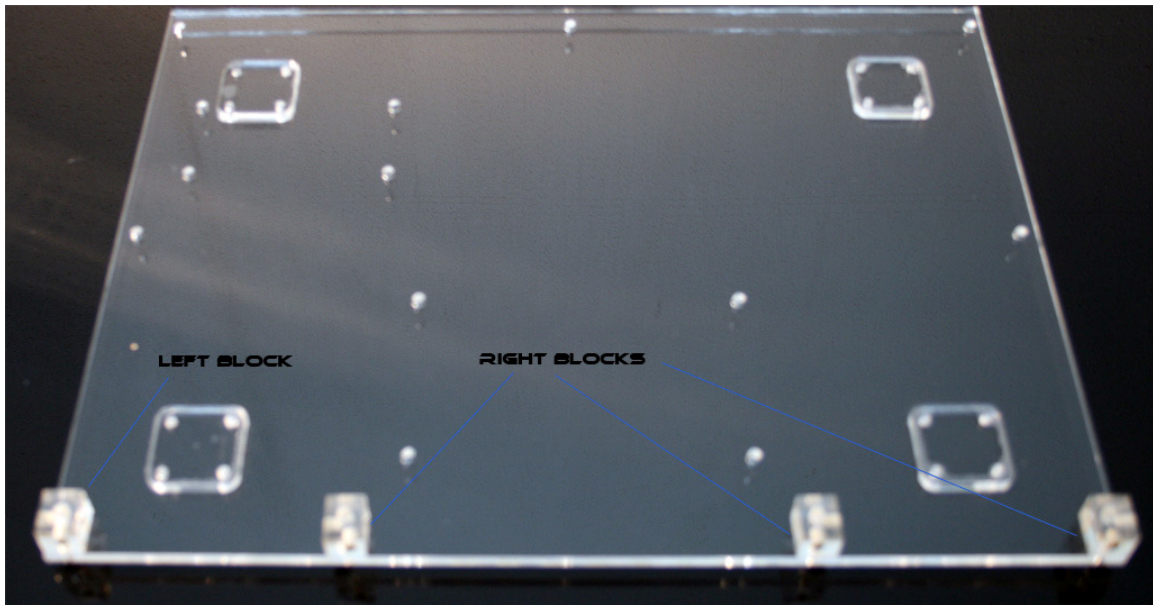
1 x 10 pack of left acrylic blocks

1 x 12 pack of right acrylic blocks

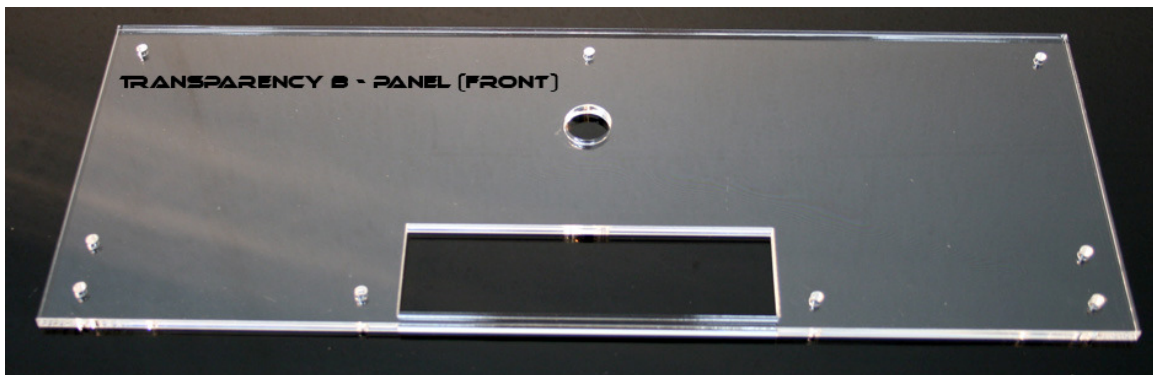
After concluding that all parts have arrived – locate the panel labeled ‘A’. This panel is the floor of the case. Attached to the bottom are four Mountain Mods acrylic feet adhered with acrylic solvent to the case floor. This will elevate the floor one quarter inch off your desk or platform surface. All panels will either be individually wrapped in plastic wrap or at least have one side with masking. The panel should appear similar to illustration below:



After locating the ‘A’ panel, remove the masking from it or remove it from its plastic wrap. Orient the panel so that the four holes relative to center are facing you as indicated in above image. Take one left block and three right blocks and attach to the ‘A’ panel as indicated in the image on the next page.



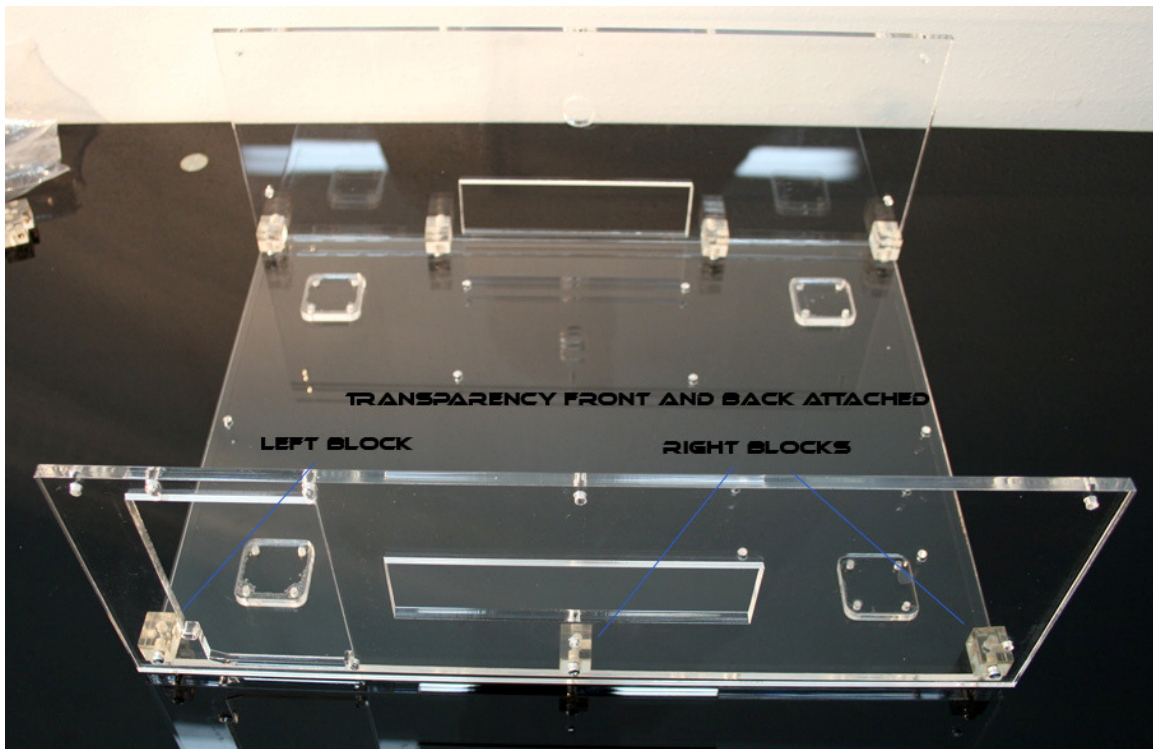
Take a 10mm long 3mm screw and push it through the mounting holes on the 'A' panel from underneath. One side of the acrylic block has a threaded mounting hole close to an edge. The other two sides are more center aligned to the block. Mount the block so that the hole closest to edge attaches to the floor of the case. This should put the long side of the acrylic block in a horizontal alignment. All blocks on the Transparency will align in this same horizontal plane. Do not fully tighten acrylic blocks into place. Tighten enough so that the block stays in place, but not so tight that you cannot adjust the block. This is important as tightening prematurely will hinder the lining up of future panels. Always leave the block slightly loose for ease of manipulation. Next locate panel labeled 'B' and remove it from its film or wrap. Panel 'B' appears as below:



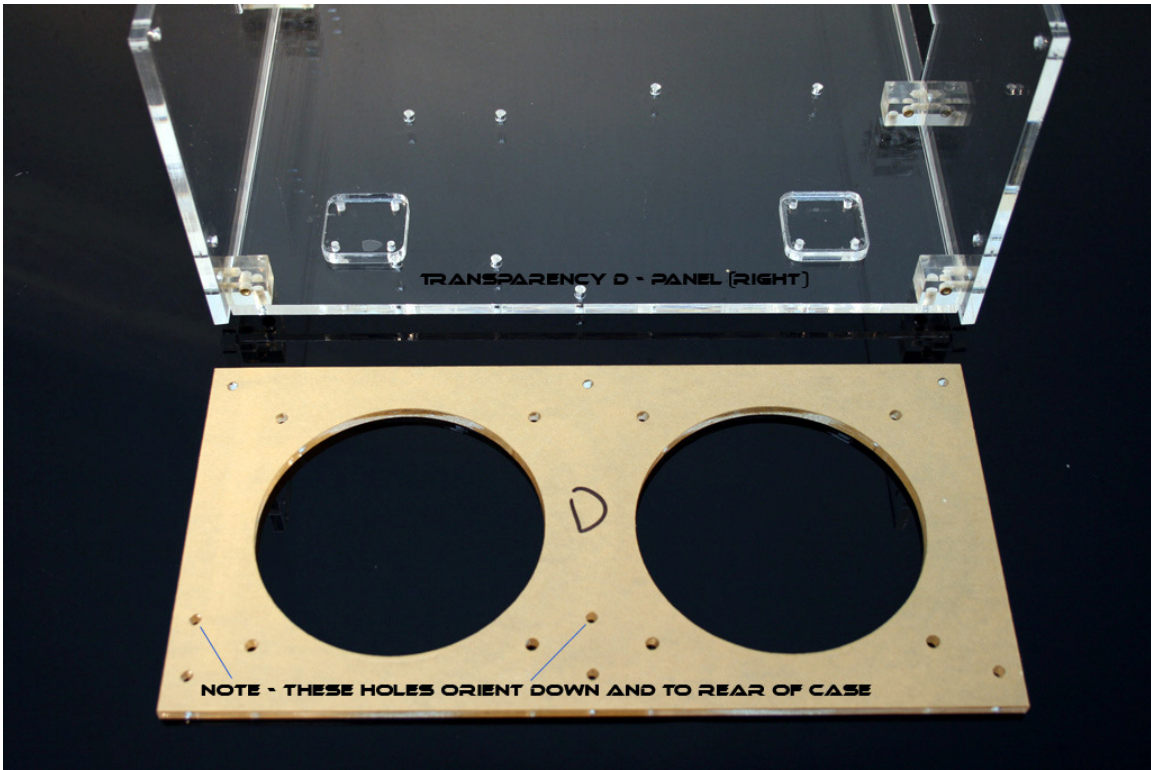
Next take 4 more 10mm long 3mm screws and attach them to the blocks you just attached to the 'A' (bottom) panel. The long rectangular cutout orients down towards the floor of the case. This cutout is where your optical drive (cdr/dvdr) will interface with the case. Again do not fully tighten acrylic blocks – always leave slight play for future adjustment. Next locate panel 'C' and remove its wrap of film. The 'C' (rear) panel appears as illustrated on the next page:



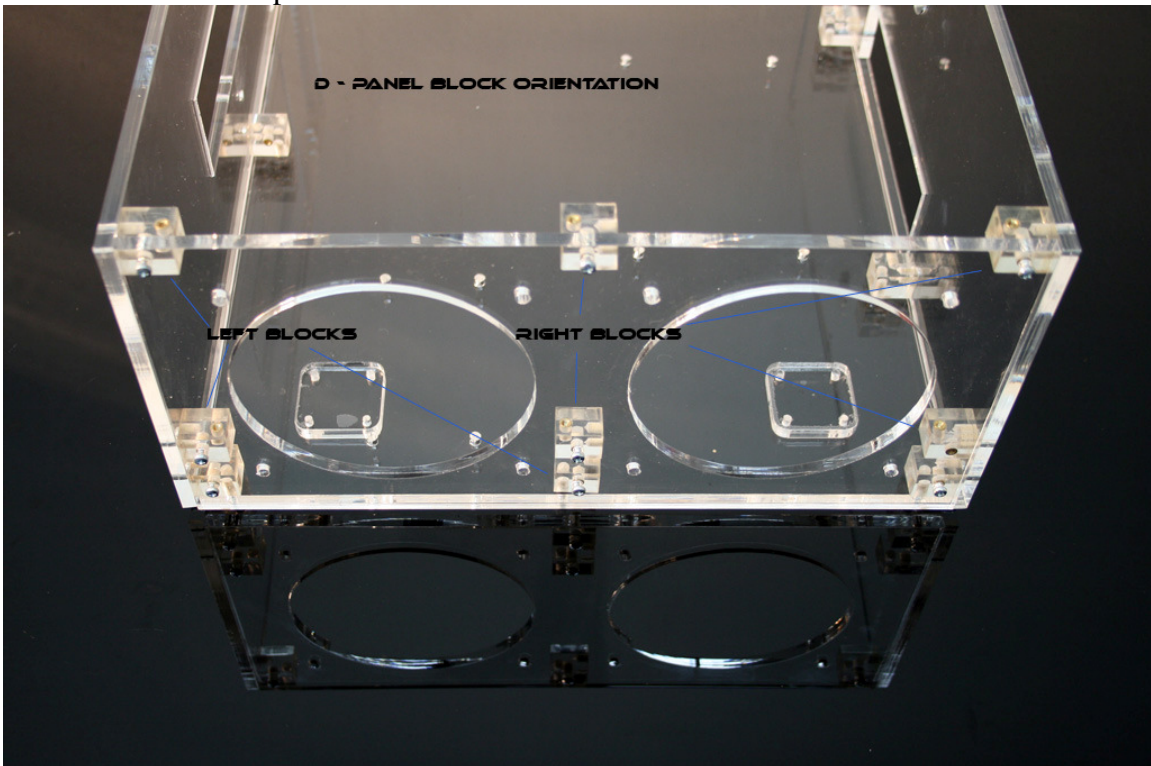
Note the correct orientation as noted in the photo above. It is important that panel is orientated this way in order for the IO panel to line up correctly and for the motherboard tray to be supported properly. Next – Use one more left acrylic block and 2 right acrylic blocks and attach the ‘C’ (back) panel to the ‘A’ (floor) panel as shown in the photo below. Again note the horizontal alignment of the blocks, as well as the mounting hole closest to the edge attaches to the floor of the case. As always do not fully tighten panels into place.



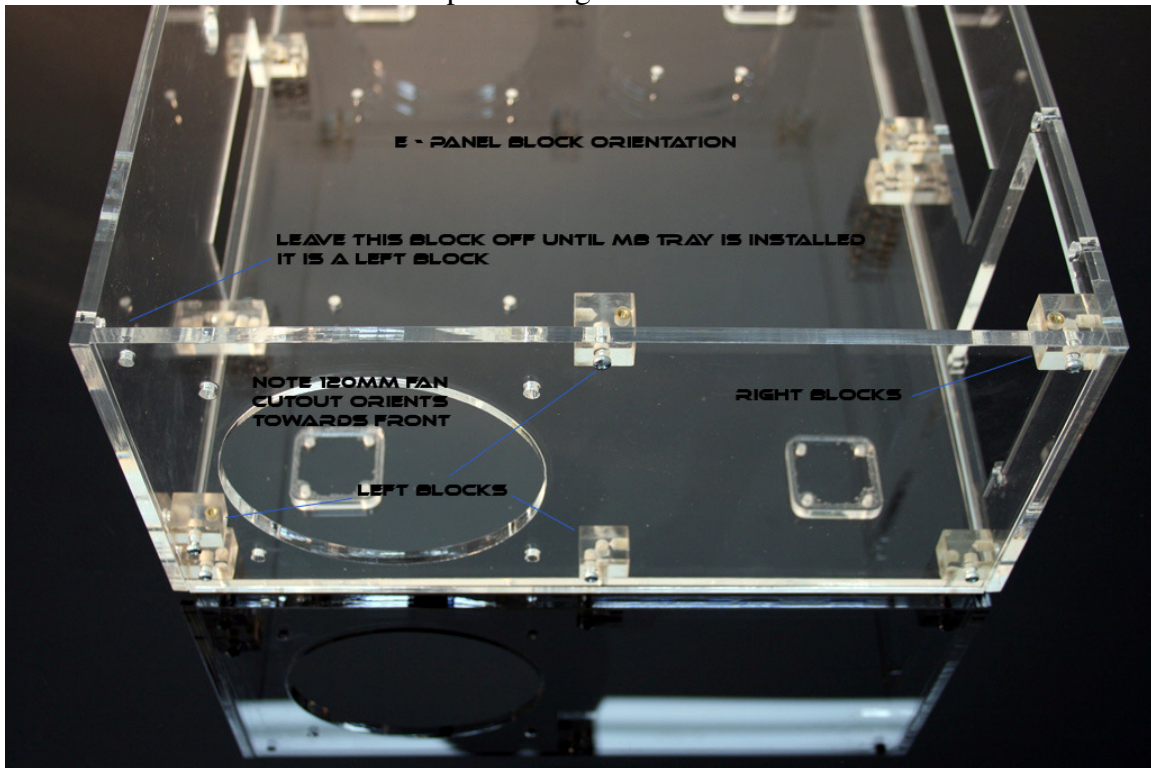
Now find the panel labeled ‘D’. This is the left side panel looking at the case from the front. The ‘D’ Panel has two 120mm laser cut blow holes used for intake fans on the side of the case. This configuration allows superior airflow over the motherboard and hard drive units. Panel ‘D’ appears as shown in picture on the next page:



Note the orientation of the side panel. There are 2 holes that need to be oriented towards the floor of the case. These will be used later in the manual for mounting the motherboard tray into place. Remove the film or wrap from panel 'D' and install to the case as shown in the picture below.



Note the use of 3 more Left blocks and 4 more right blocks in the illustration above. The 2 lower corner blocks should already be in place from mounting the front and back panels to the floor of the case. Again fasten these blocks in a way that still allows for play of blocks and panels. Once again notate the horizontal alignment of the long side of the blocks. After your case appears as above – locate the panel labeled ‘E’. The ‘E’ Panel is the right side of the case looking at it from a frontal view. Remove the panel from its film or wrap and orient the single 120mm exhaust blow hole towards the front of the case. You will need 1 more right block and 3 more left blocks for attaching this panel to the case. The illustration below shows how these blocks are to be installed. Note the upper left corner block is not to be installed at this time. It will be installed later after the motherboard tray has been positioned into the case. Again remember not to fully tighten the blocks and note the horizontal positioning of the blocks.

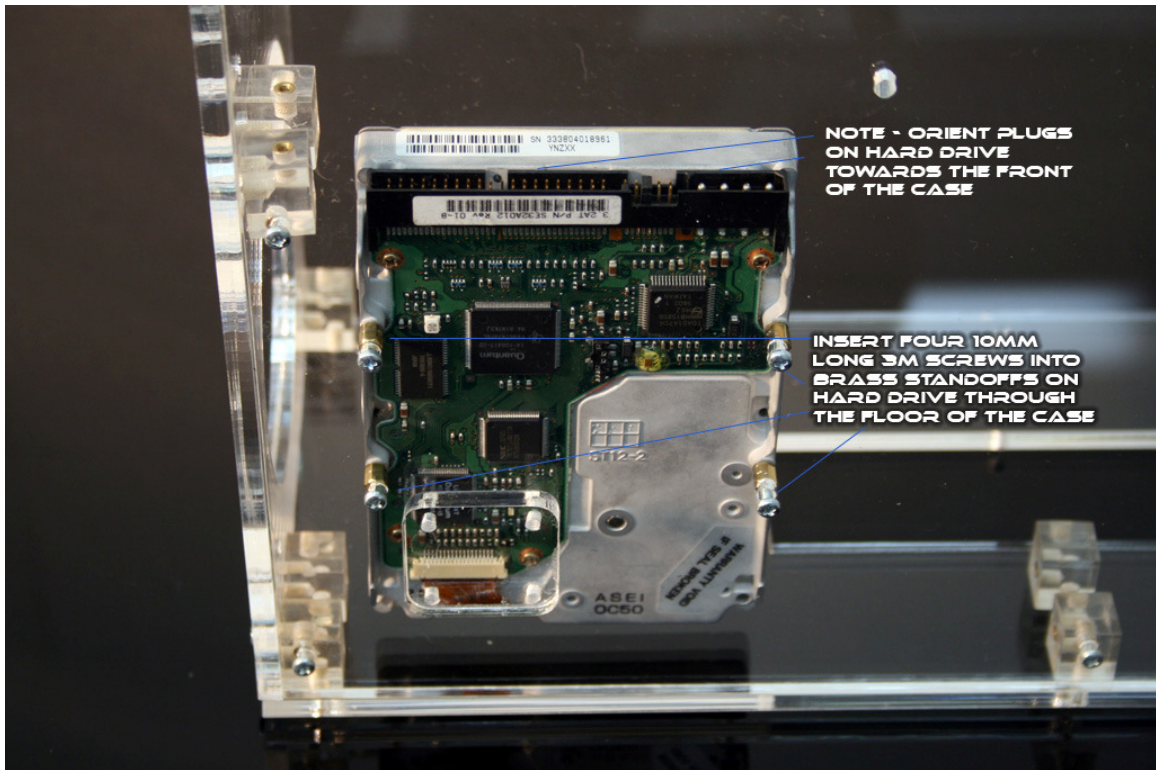


After installation of the ‘E’ panel it is time to install the single 3.5 inch HDD and the single CDR/DVD optical device into place. The Power supply can also be installed and cables routed between the components. It is best to route cables prior to installation of the motherboard tray as it becomes difficult to work the lower level after the motherboard tray is installed. You can also install the system fans into the case prior to or after installation of the 3 components mentioned above. Orient the fans so that the left panel 2 x 120mm fans are intake fans and the single 1 x 120mm fan on the right side is exhaust. The PSU fan will act as another system exhaust allowing for closely equal intake and exhaust air levels. We will not show the installation of the system fans in this manual. The only thing to note is the intake/exhaust configuration. You will also need hardware to mount the fans. Normal fan screws will not be of adequate length.

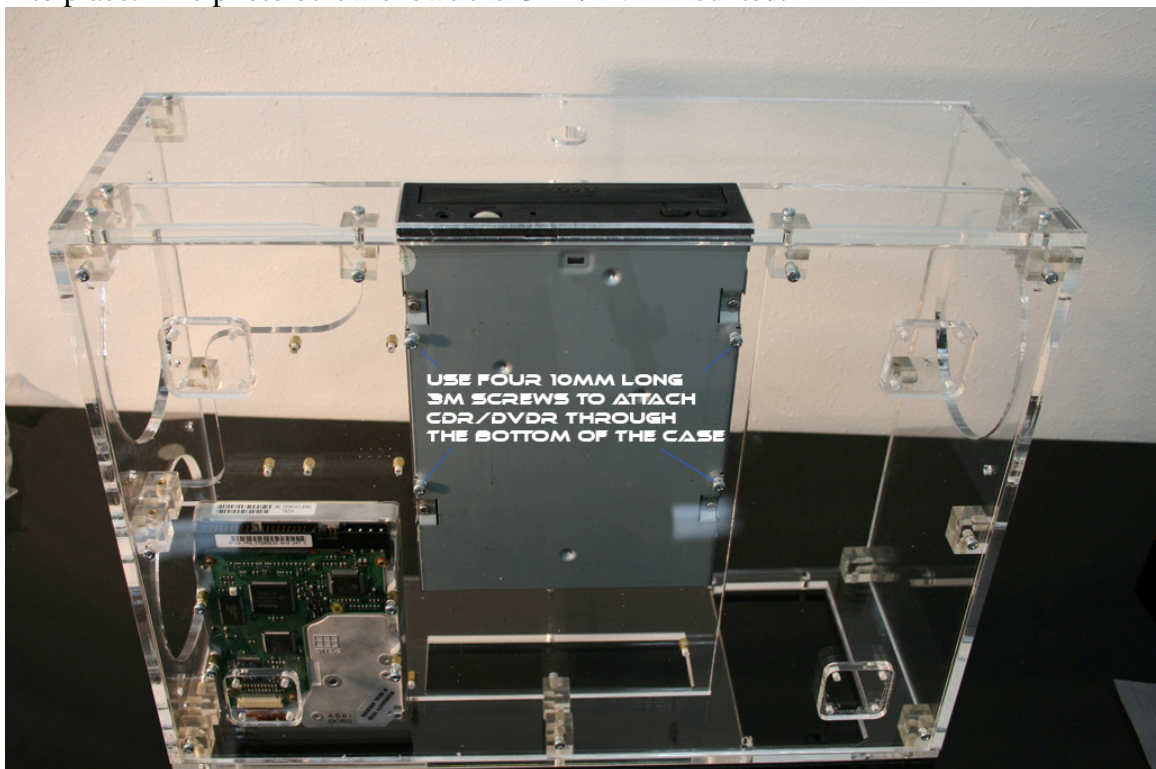
We highly recommend the use of our Black Oxide 1.5 inch nut/bolt packs. You will need one pack for each fan. Otherwise you will need to source fan screws that are approximately ½ inch in length to go through a grill/filter acrylic and into the fan. Now back on topic. Take your 3.5 inch hard drive and install 4 of the brass standoffs into the bottom mounting holes as shown in the picture below:



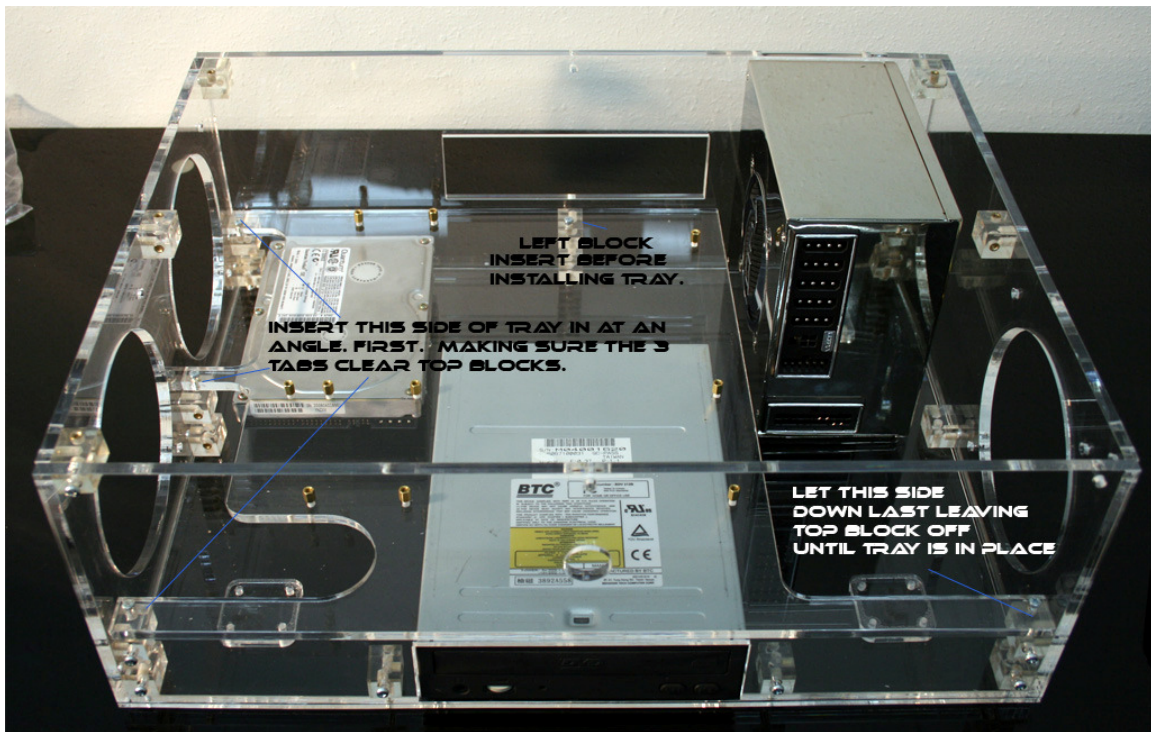
This will elevate the drive off the floor of the case allowing for better ventilation. Prop your partially assembled case up onto its back side and install the hard drive to the floor of the case using 4 x 10mm long 3m screws. The screws will go through the acrylic floor and fasten into the 4 brass standoffs on the hard drive. This time you can tighten the screws completely. The image on the next page shows you what this should look like.



Next take your CDR/DVD device and slide it into place of the front panel. Align the four holes in the bottom of the device to the mounting holes on the floor of the case. Take 4 x 10mm long 3m screws and fasten the device into place. Again you can tighten these fully into place. The photo below shows the CDR/DVD mounted:



Now take your Power Supply Unit and mount it into place. We recommend power supplies not exceeding 7 inches in length. Mount the PSU using the 4 x long 6-32 screws supplied in the screw pack. They look similar to the 10mm long 3m screws, but the thread pitch is different. Make sure to use the correct ones as PSU's use a 6-32 screw to fasten into place. Now route your power cables to the HDD and the CDR/DVD devices as well as the SATA or IDE cables that will attach the device to the motherboard. Lastly if you have not installed your system fans do so now. Install as indicated in prior text on page 6. After doing so locate the motherboard panel labeled 'F'. Remove it from its film. Then install the brass standoffs for your motherboard into the tray prior to installation of the tray. You may need to use a crescent wrench or wrench to fully tighten standoffs into place. Be careful not to over tighten as this will result in stripping of the acrylic thread. Make sure not to install standoffs where not needed. Check your motherboard for standoff count and position. Before installing the tray into place, one more acrylic block must be fastened to the rear panel in the center. Install as indicated in the photo below:



After installing the Left block into place on the back wall (making sure the thread closest to edge is facing up), slide the motherboard tray into position. Angle the tray so the left side (one with 3 tabs) clears the 3 top acrylic blocks. Slide it down so that the 3 tabs rest on the 3 blocks on the lower-center level. Then allow the right side tab to slide into place last. Now manipulate tray/blocks as needed and fasten tray into place on the 5 supporting blocks (3 left side, 1 back side, and one right side). The tray will also rest on the CDR/DVD for additional support. Then install the motherboard manufacturer provided IO shield into the rectangular cutout on the back panel. This should press into place with relative ease. Lastly mount the motherboard to the standoffs. Securely fasten board into place and attach power, SATA, IDE, fan cables etc. into place. Also attach the Mountain

Mods provided Nickel plated Anti-Vandal switch into place and plug into the power switch headers on your motherboard. It is a good idea to power on and test the system prior to attaching the lid ('G' Panel). This will save you time should you need to adjust a cable, jumper, CMOS, etc.. Once you feel secure in the system installation you can attach the 3 remaining acrylic blocks and top panel into place. Once all panels are in place go over and securely tighten all blocks. Congratulations your system is complete and should resemble something like the image below – with motherboard, fans, etc installed of course.

