



User's Manual
ATX Solution Series
Computer Enclosures

KS 282 Mid Tower Case



Disclaimer:

This manual is intended only as a guide for Antec's Computer enclosures. For more comprehensive instructions, please refer to the user's manuals which come with your components and drives.

Basics:

1. Take the case out of the box.
2. Remove the Styrofoam
3. Remove the plastic bag.
4. Place the case upright with the power supply fan at back facing you, on a stable flat surface.
5. Remove the cover screws, these are the ones closest to the outside edges. Keep these screws separate from the other screws.
6. Grip one of the side panels and slide/pull it towards you to open it. Repeat for the other panel and put panels aside.
7. Slide back the top cover and lift it up. The case should be open.
8. Inside the case you should see the power supply, some wiring (LED's etc), an installed I/O panel, a power cord and a plastic bag containing more hardware (screws, brass standoffs etc,).

Motherboard Installation:

This manual is not designed to cover CPU or RAM or expansion card installation. Please consult your motherboard manual for specific mounting instructions and trouble-shooting.

1. Lay the case down such that the open side is up. You should be able to see the drive cage, and power supply still.
2. Make sure you have the appropriate I/O panel for your motherboard. If the panel provided is not suitable for your motherboard you may order different styles from Antec directly. Please visit www.antec-inc.com under "Service and Support" and then I/O panels, which will show you the available I/O configurations.
3. Line up motherboard with standoff holes, and determine which ones line up and remember where they are. (Note: Not all motherboards will match with all of the provided screw holes, and this is not necessary for proper functionality. In other words there will likely be extra holes.)
4. Lift up and remove your motherboard
5. Screw in the brass standoffs in the holes that lined up with your motherboard. You should have extra brass standoffs.
6. Place your motherboard on the brass standoffs.
7. Screw in your motherboard to the standoffs with the provided metallic Phillips head screws.
8. Your motherboard is now installed into the case.

Power connections:

ATX power supplies have a single 20-pin (single large) power connector to the motherboard. This is set up as a double row of 10 pins.

1. Connect the 20-pin ATX power connector to your motherboard.

LED's and Front panel leads:

1. Reset (labeled RESET SW) connects to your motherboard at the RST

connector. The label should be facing the front of the case, and for all of the following connectors as well.

2. Power LED (labeled POWER LED) connector is located behind the Reset connector.
3. Power Switch (labeled POWER SW) connects to the PWR connector on the motherboard.
4. Speaker (labeled SPEAKER) connector is behind the PWR connector.
5. Hard Drive LED (labeled HDD.LED) connects to the IDE connector.

3.5" Device Installation

On the 3.5" drive cage there is a quick release lever. You can pull the lever to the rear of the case and release the cage for drive installation. However we need to start our installation with the cage on first. Please do not release the cage at this stage.

1. Slide your 3.5" floppy drive into the 2nd drive bay from the back to the front until it stops. Make sure the disk eject button of the drive is firmly seated against the eject button of the case.
2. With one of your hands holding the drive, fasten the floppy drive with the screws provided onto the side facing you.
3. Release the drive cage.
4. Turn the cage up so the other side of the floppy drive will face you. You can fasten this side now.
5. Install your other 3.5" devices to the drive bays.
6. Slide the cage back. Make sure the tabs all line up before pushing the lever close to the forward position.
7. Connect a small 4-pin white connector from the power supply to the male 4-pin connector on the floppy drive.
8. Connect a large 4-pin white connector from the power supply to the male 4-pin connector on each of the other devices

5.25" Device Installation

1. Looking from the rear of the case you can see some metal grills. Carefully use a screw driver through the metal grill and gently push the plastic drive bay cover outwards until it comes off.
2. Use both your hands to bend the metal grill back and forth until it breaks off.
3. Fasten your 5.25" device into the drive bay with screws provided.
4. Repeat the same procedure for other devices.
5. Connect a 4-pin large white connector from the power supply to the male 4-pin connector on each of the devices.

IDE Cable Connection

This is for IDE devices only.

1. After you have connected the devices to the power supply, you need to connect the IDE cables between the devices and the motherboard.
2. For hard drives and CD ROMs use the 40-pin IDE ribbon cables. For floppy drives use the 34-pin IDE ribbon cables. These should come with your devices and have a red strip on side. When you connect a ribbon cable to a device make sure that the red strip is toward the power connector.
4. The side that attaches to devices should be the side that has two connectors. This will enable you to connect another devices if you wish.
5. Connect the far end of the cable to your motherboard on the IDE port, either IDE 1 or IDE 2.

Fan Installation

The KS282 has two optional 80mm fans that can be installed.

Note: Antec Cooling Fans blow in the direction of the side the Antec logo.

Front Fan

The front fan cage is held to the case by 4 tabs near each corner of the cage.

1. Squeeze the sides of the cage to release pressure on the tabs.
Once loose, you should then be able to pull the cage back and out of the case.
2. Inside the cage there are 4 tabs near each corner. Each corner has a post.
The posts and tabs should be on the outside edge of the fan (ie the fan will fit between all of these. You will probably have to flex the tabs back so the fan can sit properly). Carefully drop the fan into the cage.
3. The tabs should fit over the top of the fan to secure the fan in the cage. No screws are needed to secure the fan.
4. Reattach the cage/fan assembly to the case paying attention to the wires of the fan. There are slots near each corner to put the wires through (any corner will work, find the one that's best for you).
Note: The cage/fan assembly can be further secured with another screw that threads into the case.
5. Connect the 4-pin male connector to a 4-pin female connector coming out from the power supply.

Rear Fan

1. Line up the screw holes of the fan to the screw holes on the back of the case that surround the fan grill (below the power supply).
2. Holding the fan in one hand, insert the screw from outside going into the case/fan screw holes.
3. Connect the fan to the power supply using the male connector.