



## **SLK3700-BQE**

User's Manual  
Manuel de l'utilisateur  
Anwenderhandbuch  
Manuale per l'operatore  
Manual del usuario

At Antec, we continually refine and improve our products to ensure the highest quality. So it's possible that your new case may differ slightly from the descriptions in this manual. This isn't a problem; it's simply an improvement. As of the date of publication, all features, descriptions, and illustrations in this manual are correct.

#### Disclaimer

This manual is intended only as a guide for Antec's Computer Enclosures. For detailed instructions on installing your motherboard and peripherals, please refer to the user manuals supplied with your components and drives.

### Solution Series User's Manual

#### SLK3700-BQE - Super Mid Tower Case

Your new case features a super-quiet Solution Series SmartPower power supply, with a main power switch. Make sure you turn the switch to the ON ( I ) position before you boot up your computer for the first time. Normally, you won't need to switch to the OFF (O) position, since the power supply includes a soft on/off feature. This lets you turn your computer on and off by using the soft switch on your computer case. If your computer crashes and you can't shut it down using the soft switch, you can switch the main power to the OFF (O) position.

[Applies only to models designed for sale in the European Union: Solution Series SmartPower Power Supply models designed for the EU include Power Factor Correction (PFC) circuitry in accord with European standard regulation code EN61000-3-2. By altering the input current wave shape, PFC improves the power factor of the power supply. This results in increased energy efficiency, reduced heat loss, prolonged life for power distribution and consumption equipment, and improved output voltage stability.]

#### Setting Up

1. Take the case out of the box. Remove the Styrofoam and plastic bag.
2. Put the case on a flat surface.
3. **Note:** (not applicable to models designed for the European Union): Before installation, check the red voltage switch setting on the power supply. It should match your local voltage (115V for North America, Japan, etc. and 230V for Europe and many other countries). If it doesn't match, please change the setting. If you don't, you could damage your equipment and void your warranty.
4. Place the case upright. The power supply fan should be at the back, facing you.
5. Remove the screws from the right side panel.
6. There are two latches on the side panel. Press both latch releases. The latches will partially pop out. Disengage the latches by pushing them to the 90-degree position, and swing open the panel.
7. Inside the case, you'll see the power supply, some wiring with marked connectors (USB, PWR etc.), an installed I/O panel and a power cord. You'll also find a bag of hardware (drive rails, screws, brass standoffs, plastic stands, etc.).

8. Place the case with the front bezel facing you. Then remove the front bezel by pressing the release tabs on the bottom of the bezel. Set the bezel safely aside.

#### Installing the Motherboard

This manual does not cover CPU, RAM, or expansion card installation. Please consult your motherboard manual for specific mounting instructions and troubleshooting.

1. Lay the case down, with the open side facing up. The drive cages and power supply should be visible.
2. Make sure you have the correct I/O panel for your motherboard. If the panel provided with the case isn't suitable, please contact your motherboard manufacturer for the correct I/O panel.
3. Line up your motherboard with the standoff holes, and remember which holes are lined up. Not all motherboards will match with all of the provided holes; this is normal, and won't affect functionality.
4. Remove your motherboard by lifting it up.
5. Screw the brass standoffs into the threaded holes that line up with your motherboard. Do not overtighten the standoffs. Some standoffs may be pre-installed for your convenience.
6. Place your motherboard on the brass standoffs.
7. Attach your motherboard to the standoffs with the provided Phillips-head screws. Your motherboard is now installed.

#### Connecting the Power and LED

The Antec Solution Series SmartPower power supply is an ATX12V form factor power supply. An ATX12V power supply has a single 20-pin Main Power Connector, a 6-pin AUX Power Connector, and a 4-pin +12V Power Connector for the motherboard. It also includes five to seven 4-pin Peripheral Power Connectors and one to two 4-pin Floppy Drive Power Connectors for your drives. It is backwards compatible to previous ATX form factor power supplies. If your motherboard does not support the AUX Power Connector or the +12V Power Connector, you can still use this power supply.

The power supply is also equipped with a 3-pin fan signal connector. Connect it to one of the fan connectors on your motherboard. You may monitor the speed of the rear power supply fan through your motherboard BIOS or through the monitoring software that's supplied with your motherboard. **Note:** At low temperatures, the fan may run as slow as 1500 RPM. At these speeds, some motherboards may not properly detect the fan speed and may generate false warnings of fan failure. To ensure proper monitoring of the fan, please check your motherboard manual.

1. Connect the 20-pin ATX power connector (and AUX or +12V connectors if appropriate) to your motherboard.
2. Connect the Reset switch (labeled RESET SW) to your motherboard at the RST connector. Make sure the label always faces the front of the case.
3. Connect the Power Switch (labeled POWER SW) to the PWR connector on your motherboard.

- You'll find the Speaker connector (labeled SPEAKER) behind the PWR connector.
- The Power LED, Hard Drive LED, LED I & LED II connectors all share a single ribbon cable. Attach the Power LED (labeled POWER) and HDD LED connectors to the appropriate headers on your motherboard. You can use the LED I and LED II connectors as you see fit; as SCSI LED, Message LED, etc. or any other function supported by your motherboard, expansion cards, and peripherals.

### Connecting the USB Ports

You'll find eight wires with connectors attached to the front-mounted USB ports of the case.

- Locate the internal USB header on your motherboard. It consists of 10 pins in two rows. **Note:** On some motherboards, you may find one or two pins labeled "NC," which means "no contact." That's an empty pin, which you don't need to use. Or you may notice one pin missing on either one or both rows. Don't worry about it, since you only need 8 pins for a full connection.
- Check your motherboard manual for the pin-out positions.
- Power Pins:** There are two power pins, one on each row. They are usually marked as Power, Vcc or +5V. Connect the two +5V connectors to the two power pins. Each connector can go to either pin.
- Ground Pins:** There are two ground pins, one on each row. They are usually marked as GROUND or GND. Connect the two GROUND connectors to the two ground pins. Each connector can go to either pin.  
**Note:** On some motherboards, there may be two ground pins on one row. You don't need to use both of them, but make sure you connect one ground pin on each row.
- Data Pins:** There are two plus data pins, one on each row, and two minus data pins, one on each row. They are usually marked as USB2+, USB2-, USB3+, USB3-, USBP2+, USBP2-, USBP3+, USBP3-, respectively.
  - Connect the (1)+D connector to either of the two plus data pins.
  - Connect the (1)-D connector to the minus data pin. The minus data pin should be in the same row as the plus data pin to which you just connected the (1)+D connector.
  - Repeat the same procedures to connect the (2)+D and (2)-D connectors to the motherboard. Make sure they are in the same row.

### Installing 5.25" Devices

Your new case features four 5.25" drive bays. Each is covered by a ventilated metal cover and an EMI Contact plate as one contiguous assembly. To make installation easier and quicker, we've prepared the top drive bay without the metal plate. If you'd like to install a 5.25" drive in another bay:

- Find the EMI Contact plate covering the lower half of your chosen drive bay. Then bend it 90 degrees inwards to form a drive support. (See photo 1.)
- Carefully twist the assembly that covers the upper half of your chosen drive bay back and forth. When it breaks off, remove it.  
**Note:** Please watch your fingers. Where you removed the assembly, you're likely to find sharp metal. If you don't plan to use certain drive bays, leave

the metal cover assemblies in place. And if you later decide to cover drive bays again, we've included two EMI cover plates in the toolbox.

- Mount two drive rails to the sides of your 5.25" device.
- Slide the device into the drive bay until you hear a click.
- To install more drives, simply repeat the same procedure.
- Connect a large 4-pin white connector from the power supply to the male 4-pin connector on each device.
- When you're done, carefully push the plastic drive bay covers off the bezel. Then re-attach the bezel to the case.

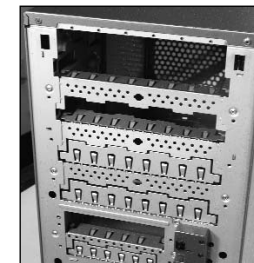


Photo 1

### Connecting Data Cables

After you've connected the devices to the power supply, you need to connect the data cables between the devices and the motherboard. Although data cables aren't included with this case, here are some useful tips:

- For hard drives and CD-ROMs, use 40-pin IDE ribbon cables. For floppy drives, use 34-pin ribbon cables. These cables should be included with your drives, and should have a red strip on one side indicating pin number 1. When you connect a ribbon cable to a device, make sure that the red strip is on pin 1, usually toward the power connector.
- Attach the side with 2 connectors to the devices. This allows you to connect another device if you wish.
- Connect the far end of the cable to your motherboard on the IDE port, either IDE 1 or IDE 2, or the FLOPPY port.

**Note:** If you wish to connect a 3.5" drive and a 5.25" drive on the same IDE channel, we recommend that you use IDE cables which provide 10 or more inches of flexible cable between connectors or the start of any protective boot. We further recommend that you mount the drives such that the 3.5" drive is in the topmost internal 3.5" bay and that the 5.25" drive is in the bottom 5.25" bay.

### Installing External 3.5" Devices

Your new case features a 3.5" drive cage which can hold 2 external 3.5" drives.

- Remove the drive bay cover from the drive bay where you intend to install a drive.
- Release the cage by pulling the quick release lever towards the rear of the case. Slide the cage out and put it on a flat, level surface.
- Mount your floppy drive or other external devices into the cage.
- Slide the drive cage back into the case and lock it.
- Find a small 4-pin white connector on the power supply and connect it to the male 4-pin connector on the device.

### Installing Internal 3.5" Devices

Your new case features four internal hard drive bays under the external 3.5" drive bays. Each bay includes an individual drive tray which mounts through the open side panel of the case.

1. Squeeze the metal clips on each side of the tray and slide the tray out.
2. Mount your hard drive or other internal 3.5" device into the drive tray by threading the special screws through the bottom rubber grommets. Don't over-tighten the screws, since that could decrease the grommets' ability to absorb vibration and noise.
3. Slide the tray back into the case and lock it.
4. Connect a 4-pin white connector on the power supply to the male 4-pin connector on the device.
5. If needed, repeat the same procedure for the other drives.

**Note:** You can mount the drives with the connectors facing toward or away from you. If you mount them with the connectors facing away (into the case,) you may wish to connect the data cables before sliding the drive into the locked position. If you are installing Serial ATA drives we recommend positioning the drives so that the connectors face outwards (i.e. towards you.)

### Installing the Fan

We've included one rear-mounted 120mm cooling fan with vibration-reducing rubber grommets. You'll also find a mount for an optional front-mounted 120mm fan.

**The rear fan** is installed so that the air blows out of the case. You'll find a large 4-pin white connector on the power supply. Connect it to the male 4-pin connector on the fan.

**The front fan (optional)** should be installed so that the air blows into the case from the front. For Quiet Computing™ we recommend that you NOT install the front fan unless necessary for cooling, since it will create additional noise. To mount the front fan:

1. Remove the front bezel by pressing the tabs on each side and pulling it away from the chassis.
2. Install your optional 120mm fan, using the special long screws in the tool bag.
3. Route the fan's power connector through the largest hole near the lower right corner of the fan.
4. Inside the case, route the fan power connector behind the hard drive trays and out near the motherboard.
5. Connect a large 4-pin white connector from the power supply to the fan power connector.
6. Replace the front bezel.

### Maintaining the Washable Air Filter

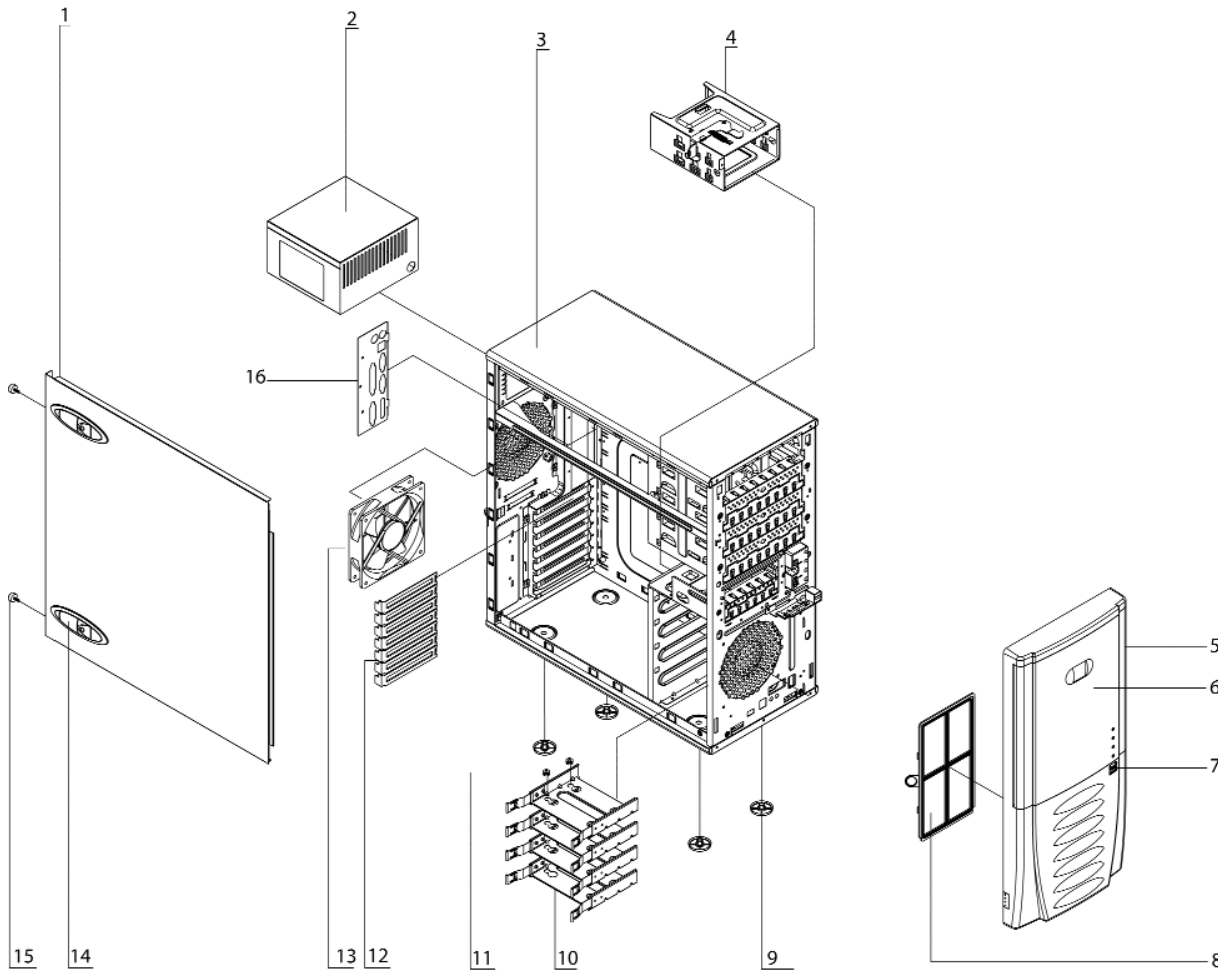
Your new case includes a washable air filter behind the front grill. To access it, simply remove the front bezel. Initially, we recommend washing the air filter at least once a month. By keeping the air filter clean, you'll help your system remain stable and cool.



Antec Quality 3-Year parts and labor warranty (AQ3)  
See details at: <http://www.antec-inc.com/warranty.html>

# SLK3700-BQE

Quiet Black Super Mid Tower Case



Draw ing Num ber	Description
1	Side Panel
2	Power Supply
3	Top Panel
4	External 3.5" Drive Cage
5	Front Bezel
6	Front Door
7	Front USB Ports
8	W ashable Air Filter
9	P lastic Feet
10	HDD -Tray
11	Rubber grom m et
12	Expansion Slot Cover
13	120m m Fan
14	Latch
15	Thum bscrews
16	Universal IO Panel