

# GT 060BR Quickstart



## FireWire 800 Hardware RAID 0

Your GT 060BR came with the following parts: FireWire 800 cable (9-pin to 9-pin), power cable, feet. In addition you received a CD with documentation, registration info, drivers, etc.

### Features at a Glance

- **Interfaces:** (2) FireWire 800 (9-pin “S800”)
- **RAID Support:** The GT 060BR is a RAID 0 system. RAID 0 is also called “striping”. In the GT 060BR, two disks work together to get more speed than a single disk can achieve alone. The intelligence is built into the hardware itself, so there is no configuration software needed.
- **Enclosure:** Steel construction, Internal power supply and quiet fan
- **Warranty:** 3 Years, 1<sup>st</sup> Year Overnight Advance Replacement Policy

### Compatibility

- **Mac OS**  
FireWire 800 requires OS 10.2.5 or later; FireWire 400 requires OS 8.6 or later
- **Windows**  
FireWire 800 requires Windows 2000/XP  
FireWire 400 requires Windows ME/2000/XP

### Frequently Asked Questions

#### Q: Do I need any drivers to use the GT 060BR?

No drivers are required for Mac or PC. Your computer must have a FireWire port.

#### Q: How do I connect the GT 060BR to my FireWire 800 equipped computer?

Use the supplied FireWire 800 9-pin to 9-pin cable. One end goes to the “S800” port on the drive; the other goes to the FireWire 800 port on your computer.

#### Q: How do I connect the GT 060BR to my FireWire 400 equipped computer?

Connect the “S800” port on the drive to a FireWire 400 port on your computer using a 9-pin to 6-pin Bilingual cable (see below).

#### Q: I’m still running Mac OS 9 or Win/ME. Can I still use the GT 060BR?

Yes. You can connect the “S800” port on the drive to your OS 9 or Win/ME computer using a 9-pin to 6-pin Bilingual cable. You can use the “S800” port on the GT 060BR when you want to connect to a FireWire 800 equipped computer at a later date.

#### Q: Do I need RAID software?

RAID software is not needed because the RAID intelligence is built into GT 060BR hardware. Just plug your GT 060BR into your FireWire port, and it should appear as one large volume. Instructions for re-initializing your drive are on your Glyph documentation CD and on the Glyph website.

**Q: What's FireWire 800?**

A high-speed version of IEEE-1394b FireWire. FireWire 800 uses the new IEEE-1394b "Beta" protocol (data-transfer language) to improve performance and efficiency.

**Q: What are the differences between FireWire 800 and FireWire 400?**

Speed and Protocol. a) FireWire 800 has a max transfer rate of 800 Mb/sec (about 100 MB/sec peak). FireWire 400 has a max transfer rate of 400 Mb/sec (about 50 MB/sec peak). The higher bus speed helps with things like large file copies and RAID, where FireWire 400 bus speed can be a limiting factor. B) FireWire 800 uses IEEE-1394b "Beta" protocol; FireWire 400 uses IEEE-1394a "DS" protocol.

**Q: What's Beta?**

A FireWire protocol (data transfer language) defined in IEEE-1394b. It is much faster and more efficient than the "DS" protocol used in IEEE-1394a (FireWire 400). Beta is what permits the higher speed and performance of FireWire 800. The Beta protocol can only use the new 9-pin connectors.

**Q: What's Bilingual mean?**

"Bilingual" refers to a port that can use either the new "Beta" protocol or the old "DS" protocol. The FireWire 800 ports on the GT 060BR are Bilingual, meaning that they adjust their protocol to match whatever they're connected to. A Bilingual port connected to another FireWire 800 port will use the Beta protocol and run at FireWire 800 speed; but if it's connected to a FireWire 400 port, it will use the DS protocol, and therefore will be limited to S400 speed.

"Bilingual" also refers to a cable that connects a Bilingual S800 9-pin port to a FireWire 400 6-pin or 4-pin port, for backward-compatibility.

**Q: Does Glyph sell Bilingual Cables?**

Yes, you can purchase 9-pin to 6-pin and 9-pin to 4-pin cables from an authorized Glyph dealer.

**Q: Does Glyph sell an 800 PCI card?**

Yes. The Glyph FireWire 800 PCI Card is available from an authorized Glyph dealer. The card has three Bilingual ports, and is compatible with Mac and PC. It requires Mac OS 10.2.5 or later, or Windows 2000/XP. There are no drivers required for the card to work on the Mac or Windows operating systems.

**Q: My Windows computer doesn't show the drive in My Computer. What's up?**

The default format on the GT 060BR is for the Macintosh, and Windows doesn't recognize it. Once you have connected the GT 060BR to your Windows PC, you have to re-initialize it for use with Windows. For Windows XP and 2000, that's going to be NTFS format; for Win98/SE, that will be FAT32 format. Instructions for re-initializing your drive are on your Glyph documentation CD and on the Glyph website.

**For more information....**

Be sure to check out the Glyph website at [www.glyphtech.com](http://www.glyphtech.com). There is more information posted on the site concerning FireWire 800/1394B, as well as information about the rest of Glyph's product line.

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