You Need to Know This: **Warnings**

**ALERT! HOW TO STOP!!**

During tool operation the SPACEBAR on your computer keyboard becomes a Panic/Stop/Halt button. Hitting it will immediately stop the tool’s movement.

Your ShopBot is also supplied with a **STOP Button** that you can place in a convenient location on your tool. Hitting this button will stop the tool’s movement. On a PRSalpha ShopBot or Buddy the STOP Button will also cut power to the spindle/router.

**TOOLS REQUIRE ATTENTION! Follow Safe Procedures!**

Your ShopBot, in conjunction with a router or other power tool, is a flexible, tool-movement system that can reduce your woodworking risks by providing a method of cutting wood or other material without having to interact with the cutting device or the material during the cutting process. However, as with all power tools, care and attention are required to use a ShopBot safely. ShopBot Tools, Inc. assumes you will use this product safely and follow accepted safety precautions for woodworking and machining.

**READ THESE SAFETY INSTRUCTIONS**

1. **READ.** Read this manual well to acquaint yourself with how to handle the tool safely and effectively before use. Read related manuals for the router and/or spindle that will be mounted on your ShopBot.

2. **PRACTICE.** Practice operating your ShopBot tool with your computer and the ShopBot Control Software BEFORE activating the router or spindle.

3. **PROTECT.** Turn OFF your router or other power tool before loading or positioning a workpiece or adjusting the position of the tool. Do not change router bits or other cutters without first unplugging the power tool or having a positive system to make sure the power tool is not accidentally activated. It is your responsibility to use it safely.

4. **HOLD-DOWN.** Never attempt to cut wood or other material without first ensuring that the work is firmly secured to the work surface. Power cutting tools always carry the risk that work material or broken cutters will be sent flying towards the operator or others in the area. A tool like ShopBot allows you to work with the workpiece secured and thus greatly reduces this risk. It also allows the operator to be away from the cutting and protected. However, YOU must take the steps to secure the workpiece and protect the operator. Note that not only must the full starting piece be secured, but you need to attend to the attachment and security of any pieces that will become cutouts or cutoffs during the cutting or machining process. Stand clear of the tool when it is in operation and protected from debris, parts, or broken cutters that might fly out during operation. Never attempt to push material by hand through a moving bit or to interact with the tool while it is running.

5. **AWAKE.** Never operate the tool when you are fatigued.

6. **EYES & EARS.** Always protect your eyes and ears when operating your ShopBot.

7. **ATTEND.** NEVER leave the tool unattended while it is running. A cutting error or workpiece slippage that the tool cannot detect might occur. Some person unknowledgeable
about tool operation might approach and start the tool. Or some other unexpected event might occur.

8. **GUARD**. Always position the dust skirt correctly to guard against flying particles.

9. **TO STOP**. During a cutting or motion process, the SPACEBAR on the computer keyboard is a Panic/Stop/Halt button. Hitting the bar will stop the tool’s movement. Your ShopBot PRSalpha also has a remote STOP Button that interrupts power to the stepper motors and the spindle or router after it is pushed. You should locate the STOP Button convenient to your tool and workstation. **Note: For PRS systems the power tool is operated independently of your ShopBot, it must be turned off separately.**

10. **POSITION**. The safest location for you during the operation of the tool is within easy reach of the computer keyboard or STOP Button and well away from the path of the tool. Because bits can break and fly loose during cutting -- stand behind a protective screen.

11. **BE SMART**. Most importantly, never place yourself at risk during a cutting or machining process by placing any part of you near the cutting path or by attempting to move or adjust the workpiece or active tool. **SHOPBOT IS A ROBOT, BUT YOU ACTIVATE ITS MOVEMENT AND YOU TURN ON AND OFF ITS POWERED CUTTING-TOOL.**

**This Manual Assumes ...**

This manual has been written with the assumption that you are familiar with basic aspects of woodworking techniques for safe operation of the power tools and the basic operation of your computer. Information in this manual is subject to change without notice.

We’ve done our best to make ShopBot a safe and capable tool. We will work to make you happy with your ShopBot, but we need to make each of our responsibilities clear.

ShopBot assumes no responsibility for any damage to property or person resulting from use of power tools with our products. Safe operation of our tools and appropriate workshop precautions will place personnel in locations where they should not be subject to injury.

ShopBot Tools has provided protection and isolation circuitry in the controller/driver board that links your computer to the tool. We assume no responsibility for damage that may occur to your computer as a result of power surges, static discharges, or unexpected electrical events occurring in the system. We further assume no responsibility for damage to your computer that may occur because it is being operated in a workshop environment.

Your ShopBot CNC Router is both a physical tool and computer software. We strongly recommend that you keep separate permanent records of all important computer data, files, and programs. Data may be lost or altered with virtually any software product under certain circumstances. Therefore, ShopBot assumes no responsibility for data lost or otherwise rendered unusable whether as a result of improper use, repairs or modification, defect, or any other cause.

In no event will ShopBot assume responsibility for damages arising out of the use or inability to use this product (including without limitation damages for loss of business profits, business interruption, loss of business information and the like) even if ShopBot has been informed of the possibility of such damages.

Use of this product for any period of time constitutes your assumed acceptance of this agreement and subjects you to its contents.