

The  
Miracle  
Piano Teaching System  
**PC User's Guide**

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**FCC Notice**

This equipment has been certified to comply with the limits for a Class B computing device, pursuant to FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. In order to maintain compliance with FCC regulations, shielded cables must be used with this equipment. Operation with nonapproved equipment or unshielded cables may result in interference to radio and television reception.

This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

## GETTING STARTED ON YOUR PC

Welcome to The Miracle Piano Teaching System for the IBM® PC or compatible! In the months to come, your PC will provide hundreds of Lessons to teach you how to play the piano.

---

**System Requirements** The Miracle requires these system components:

- IBM PC or 100% IBM compatible PC.
- At least one serial port. See SERIAL PORTS in this chapter.
- PC-DOS or MS-DOS® 3.1 or later.
- Your CONFIG.SYS file needs the line "FILES=30."
- 512K of RAM with a CGA graphics adaptor.
- 640K of RAM with an EGA, VGA, or Hercules graphics adaptor.

System options are:

- Hard disk drive.
- Mouse with a mouse driver.

*Note:* If you want to use a serial mouse you need two serial ports. If you have a bus mouse you need only one serial port.

- HP LaserJet II or compatible printer.
- Epson or compatible dot matrix graphics printer.

For information about a system component, see its manual.

### IBM PS/1

For an IBM PS/1, The Miracle requires two MIDI cables and one of these additional packages:

- IBM full package with audio card and joystick (Part #1057064).
- IBM audio card package (Part #1057735) and an IBM MIDI Adaptor Cable (Part #1057507).

For assistance with IBM products, you may call (800) 426-3333.

The recommended length for the MIDI cables is 10 feet. You can order these cables from a music retailer or from The Software Toolworks, Inc. For the address and phone number of the office nearest you, see TECHNICAL SUPPORT in this chapter.

**What's in the Package** For starters, check The Miracle Piano Teaching System package. Remove and identify each of these parts:



Foot Pedal



Earphones



Keyboard  
Power Supply



The Miracle  
Cable



Warranty  
Registration  
Card and Quick  
Start Card



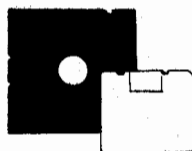
Owner's Manual



This User's  
Guide



The Miracle Keyboard



Software Diskettes



Keyboard Overlay

*Contents of The Miracle Box*

**What's in Store for the Future**

Please fill out your **Warranty Registration Card** and mail it right away. This is the only way we can keep in touch and let you know about:

- Future song collections.
- Add-on products, such as new Lessons.
- Advanced courses.

*Note:* If you have 360K disk drives, fill out the enclosed card or call The Software Toolworks, Inc., and we will send you disks that will work in your computer.

For the address and phone of the office nearest you, see **TECHNICAL SUPPORT**.

### Rear Connectors on The Miracle

Look at the the rear connectors on the back of the keyboard.



#### *Rear Connectors on The Miracle Keyboard*

The rear connectors are:

- **MIDI** - Use **In** and **Out** to connect The Miracle to another Musical Instrument Digital Interface (MIDI) device if you have one.
- **Miracle Port** - Use **The Miracle Cable** to connect The Miracle to your PC serial port.
- **Audio Out** - Use the **Head Phone Jack** to plug in your head phones; use **LT** and **RT** to connect The Miracle to your stereo.
- **Input** - Use the **Foot Pedal Jack** to plug in the foot pedal.

For information about the keyboard overlay, earphones, stereo audio connectors, and the MIDI connector, see ABOUT THE KEYBOARD in THE MIRACLE PIANO TEACHING SYSTEM OWNER'S MANUAL.

When The Miracle is properly connected and turned on, the instrument and volume indicators light up.

### Connecting The Miracle to Your PC

To connect The Miracle to your PC, follow these steps:

1. Plug the male end of **The Miracle Cable** into the **Miracle Port** and the female end into your PC's serial port. This can be COM1, or COM2.

**CAUTION:** Do not plug any cable other than **The Miracle Cable** into the **Miracle Port**. Using another cable in this port can damage The Miracle and will void your warranty.

