

# **APOLLO / APHRODITE / HERCULES**

## **- EXCELLENCE SERIES -**

**User's Manual**

Version 1.0

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## 1. Introduction

This manual is intended for users of the Apollo / Aphrodite / Hercules speakers. These speakers have been designed for use in combination with a multimedia computer system, but can also be used for audio systems and walkmans with a suitable audio connection. No specific prior knowledge is needed to install and use these speakers.

This user's manual uses the following conventions to give important information:

**Note:** *Turn the volume down if you are connecting the speakers.*

## 2. Safety

Please read the following instructions carefully.

1. Disconnect the power plug from the mains power supply before cleaning the speaker set. Do not use liquid cleaners or aerosols. Wipe the speaker set with a moist cloth; use a soft brush for the front of the speaker.
2. Do not use the speaker set near water.
3. Make sure nothing is placed on the power lead.
4. Do not insert any object whatsoever into any of the slots of the speaker cabinets.
5. Do not attempt any repairs on the speaker set yourself. The speaker set should only be serviced by qualified service personnel.
6. Disconnect the power plug from the mains power supply and have the speaker set repaired by qualified service personnel if:
  - a) the power lead or plug is damaged or worn;
  - b) liquid has entered the speaker set;
  - c) the speaker set has been dropped or the cabinet has become damaged.

## 3. Installation

### 3.1 Connecting the speaker set to the sound card

Connect the speaker set using the cables supplied to connections H, I, J, and L (Hercules only), see figure 1. In most cases you will get the best sound quality by using the "LINE OUT" output on your computer. If your computer is not fitted with a "LINE OUT" output, or if the sound level is too low, use the "SPEAK" (i.e. speaker) output.

After being connected, the speakers are ready for use. There is no need to install driver software. Continue with section 4.

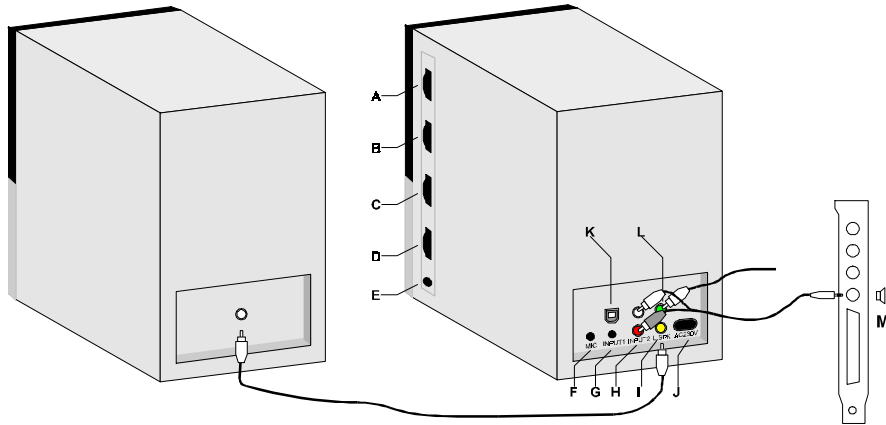


Figure 1. Connecting the Apollo / Aphrodite / Hercules

<b>A</b>	Treble control.	<b>J</b>	Mains power connection.
<b>B</b>	Bass control.	<b>K</b>	USB connection.
<b>C</b>	Balance control. <sup>1,2</sup>	<b>L</b>	Subwoofer connection. <sup>2</sup>
<b>D</b>	Volume control.	<b>M</b>	Sound card 'line in' connection.
<b>E</b>	Microphone connection. <sup>1,2</sup>	<b>Power</b>	On/off switch. <sup>3</sup>
<b>F</b>	Microphone connection to sound card <sup>1,2</sup>	<b>3D</b>	Stereo effect. <sup>3</sup>
<b>G</b>	Input 1 (for jack plugs).	<b>Mute</b>	Reduces volume. <sup>1,2,3</sup>
<b>H</b>	Input 2 (for cinch plugs)	<b>TDSA</b>	Trust Dynamic Sound Amplifier. <sup>1,2,3</sup>
<b>I</b>	Connection for right-channel speaker.		

<sup>1</sup> Apollo speakers only.

<sup>2</sup> Hercules speakers only.

<sup>3</sup> Button on front, not shown.

### 3.2 Connecting the speakers to USB port

**Note:** Use the USB port only if your computer is not fitted with a sound card; otherwise, refer to section 3.1.

**Note:** The USB port can only be used if your computer is fitted with a connection of this type and uses a USB-compatible operating system.

Installation:

- 1) Connect the cables to connections I, J, and L (if present), see figure 1.
- 2) Switch on your computer and the speakers. Windows 98 will be started.
- 3) Remove the USB cable from the packaging.
- 4) Connect one end of the cable to the connection marked 'K' on the speaker set.
- 5) Connect the other end to the USB port on your computer. Windows will automatically install the drivers, which are included in the standard Windows set-up. You will probably need the original Windows 98 CD-ROM. The screen shown in figure 2 will be displayed.



Figure 2: Windows prepares to install the drivers

- 6) Click on 'Next'. A new screen will be displayed. Make sure the topmost option is selected. See figure 3.



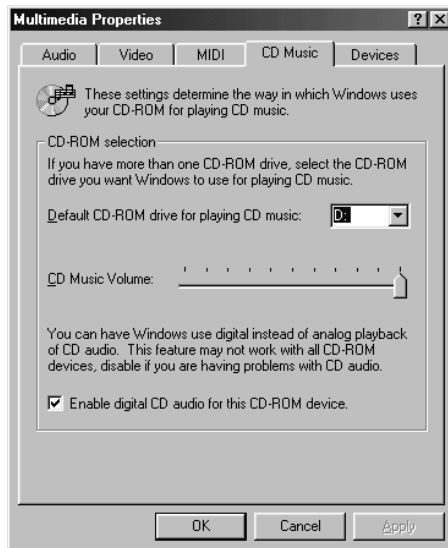
Figure 3: Selecting the installation method

- 7) Click on 'Next'. The next screen will be displayed.
- 8) Deselect all options. See figure 4.



**Figure 4: Search path for drivers**

- 9) Click on 'Next'. Windows will locate the driver software.
- 10) Click on 'Next'. Windows will copy files from the original Windows 98 installation CD-ROM. Enter the CD-ROM drive letter, usually 'd:\', if the system asks for it. In a few moments, a new screen will be displayed.
- 11) Click on 'Finish'. Windows 98 may take a while to complete the installation.
- 12) Wait and check if Windows needs to install additional drivers, in which case a window like the one shown in figure 2 will be displayed. Go back to point 5.
- 13) You can select digital playback for your music CDs by clicking on 'Start', 'Settings', and 'Control Panel'. A window will be displayed.
- 14) Double-click on the 'Multi Media' icon.
- 15) Click on the 'CD music' tab. The window shown in figure 5 will be displayed.



**Figure 5: Selecting digital playback**

- 16) Select the 'Enable digital CD audio' option at the bottom of the window.
- 17) Click on 'OK' so save the new settings.
- 18) Close the 'Control Panel' window.
- 19) Restart Windows 98. After restarting the computer, you can use your speakers.

## 4. Operation

**Note:** *First turn the volume control to a low setting before you switch the speakers on. Switching on at too high a volume can cause hearing damage.*

1. Switch on the speakers. The on/off lamp lights up.
2. Have your computer produce some sound (for example, by playing a CD).
3. Adjust the sound using the controls, see figure 1.
4. There is a connection on the front for headphones. Any headphones with a 3.5 mm jack plug can be connected to this. If headphones are plugged in, sound reproduction via the speakers is blocked.
5. The Apollo and Hercules speakers have a microphone connection (connection E) on the side. Any microphone with a 3.5 mm jack plug can be connected to this. The microphone is connected via the connection at the back of the speaker (connection F) through to the sound card.
6. TDSA<sup>1</sup> is a special function that will improve sound reproduction at low listening levels. Switch off the function at high volumes.
7. 3D will improve the stereo image if the speakers are positioned close together.

<sup>1</sup> *Only applicable to the Apollo / Hercules speakers.*



## 5. Troubleshooting

The table below has been drawn up in order to enable you to remedy any possible problems with the speakers.

If you are unable to remedy the problem, contact the Trust Help desk or your dealer.

Problem	Possible cause	Solution
No sound is coming out of the speakers.	The plug is not in the socket.	Insert the plug (firmly) into the socket.
	The On/off control is set to 'Off'.	Switch on the speaker. The lamp must light up.
	The volume is set at a minimum.	Turn up the volume control.
	The cable is connected to the wrong connection of your sound card.	Connect the speakers to the SPEAK or LINE-OUT output of your computer, not to MIC (microphone) or LINE-IN.
	The computer is not making any sound.	Set up your computer to produce some sound. Try connecting the speakers to the headphone output socket of the CD-ROM drive to test whether the speakers are working and are correctly set up.
	The headphones are plugged in to the front of the speakers.	Remove the headphones.
	Mute button is switched on. <sup>1</sup>	Switch off the Mute button. <sup>1</sup>
The sound coming from the speakers is of poor quality	The controls are incorrectly set.	Adjust the Bass, Treble and Volume controls as required.
	3D switched on in both the computer and the speakers.	Use either the 3D function of your computer or of the Soundforce speakers, but not both.
	The volume on the computer is set much too high.	Adjust the volume on your computer (see computer User's manual).

<b>Problem</b>	<b>Possible cause</b>	<b>Solution</b>
Microphone does not work. <sup>1</sup>	Cables connected incorrectly.	Connect the speakers according to figure 1.
	Mute button is switched on. <sup>1</sup>	Switch off the Mute button. <sup>1</sup>
	Not connected through to the sound card. <sup>1</sup>	Use the connection on the back of the speaker to connect the microphone through to the microphone connection of the sound card. <sup>1</sup>
The computer locks up at playback.	USB port shares IRQ with another device.	Remove expansion cards from the computer, or rearrange the cards.
After connecting the USB, Windows does not find a new device.	USB port out of order.	Repair.
	Drivers have already been installed.	Start Windows by pressing F8, in 'Safe Mode', and remove the old drivers, then restart and install.
No sound when playing back CD through USB	Option deselected in 'Settings'	Go to 'Start > Settings > Control Panel, and click on 'Multi Media'. Select the 'CD' tab. The 'Enable digital CD audio' (bottom option) must be selected; see figure 5.
No sound or intermittent sound when playing back CD through USB	CD-ROM drive or computer incompatible with digital playback.	Deselect the digital audio option (see above) and connect the speakers through the analog cable (H) to the headphones output of the CD-ROM drive; see figure 1.

<sup>1</sup> Only applicable to the Apollo / Hercules speakers.

## Appendix A: Technical Specifications

	Aphrodite	Apollo	Hercules
PMPO capacity	80 watt	160 watt	240 watt
RMS capacity	2 x 5 watt.	2 x 10 watt.	1 x 20 and 2 x 5 watt.
Magnetic shield.	Yes.	Yes.	Yes.
Integral stereo amplifier	Yes.	Yes.	Yes.
Subwoofer with bass reflex.	No.	No.	Yes.
Reproduction system	Full-range	Two-way.	Three-way.
Reproduction range	60 - 18.000 Hz	50 - 20.000 Hz	40 - 20.000 Hz
Input impedance	>4k7 ohm	>4k7 ohm	>4k7 ohm
Input voltage	1V <sub>TT</sub>	1V <sub>TT</sub>	1V <sub>TT</sub>
3D processor	Yes.	Yes.	Yes.
Bass Reflex	Yes.	Yes.	Yes, in subwoofer.
TDSA	No.	Yes.	Yes.
Mute	No.	Yes.	Yes.
3.5 mm stereo connector for sound card.	Yes.	Yes.	Yes.
Connection for headphones.	Yes.	Yes.	Yes.
'Through connection' for microphone.	No.	Yes.	Yes.
USB port	Yes.	Yes.	Yes.