# **ESS-ES1869**

# DEVICE DRIVER and APPLICATION INSTALLATION Under WINDOWS 3.1x

August 1997

## ES1869 Device Driver Installation Guide for Windows 3.1x

To install the Device Driver under Windows 3.1x, please follow the steps below:

- 1.) Please start your system Windows 3.1x.
- 2.) Use the "Run" command in the "Program Manager" as the figure shows below.

			Progra	m Manager			•
<u>F</u> ile	<u>O</u> ptions	<u>W</u> indow	<u>H</u> elp				
<u>N</u> ew <u>O</u> pe <u>M</u> ov <u>C</u> op <u>D</u> ela <u>P</u> roj <u>Run</u> E <u>x</u> it	/ n /e y ete perties  Windows	Enter F7 F8 Del Alt+Ente	r P nager Me	Clipboard Viewer	MS-DOS Prompt		
Acces	sories G	ames S	ee≢ ⊴⊻e tartUp	<u>e ৰ ৰ</u> <u>ৰ প্ৰ e</u> Applications			

3.) In the "Run" dialog box, please browse to the directory you have extracted the driver files, select **SETUP.EXE** and click the "OK" push button to continue.

- Run	
<u>C</u> ommand Line: D:\\WIN31\SETUP	OK Cancel
Run <u>M</u> inimized	<u>B</u> rowse
	<u>H</u> elp

4.) The "AudioDrive Setup" dialog box will inform you that you must reboot your system for the ES1869 driver to take effect. It is suggested that you close all the application programs before you setup the ES1869 driver. You can click the "Continue" push button to start the setup process, or click the "Exit" push button to quit the program.

### PNP SOUND CARD



5.) Please click the "Driver Installation" push button to continue installing the ES1869 driver. If you are not using a PnP BIOS, follow step 5-1), otherwise go to step 6.).

AudioDrive Setup			
Choose the desired operation by selecting a button:			
<u>Driver Installation</u> Install and configure the driver for the AudioDrive.			
Driver Uninstallation	Remove the AudioDrive driver from your system.		
E <u>x</u> it	Exit the Setup program.		

5-1) In the "Hardware Settings" dialog box shown as below, you can change all the system resources in the list box. You should be aware that these settings should not be in conflict with other devices in your computer. After you have set the system resources, click the "OK" push button to continue.

- Hardware Settings			
Warning! Changing these settings may prevent your audio hardware from operating or may cause erratic system behavior.			
☐ I/O Address: ☐ ☐ Interrupt: ☐ ☐ DMA Channel: ☐ ☐			
220 🛨 5 🛨 1 🛨			
MPU-401 I/O Address: Wave2 DMA Channel: Joystick			
330 <b>±</b> 0 <b>±</b> Enable <b>±</b>			
1/0 Address: Interrupt:			
OK Cancel			

NOTE: Please note that the figure displayed on the previous page is used as an example and may vary according to the settings of your system.

6) Please click the "Reboot System" push button to restart the computer so the ES1869 device driver can take effect.

AudioDri∨e Setup			
The changes you have made to your audio hardware require you to reboot your system.			
Reboot System			

6.) After you have restarted the computer, you can check if the ES1869 driver is installed correctly or not. The figure shown as below will be displayed in the "Cont rol Panel" of the "Main" program group, as an example of a successful installation. Click on the "Drivers"-icon in the System Manager.

- Drivers	
Installed Drivers	Cancel
ESS AudioDrive ES1869 4.17.07 ESS AudioDrive MPU-401 4.17.07 MIDI Mapper Timer [MCI1 MIDI Sequencer	<u>A</u> dd <u>R</u> emove
[MCI] Sound	<u>S</u> øtup <u>H</u> elp
₽	

NOTE: Please note that the figure displayed above is used as an example and the driver version may vary.

# Installation of the AudioRack Software Application

Example for installing the AudioRACK Software Application.

7.) Under Windows 3.1x, please use the "Run" command, and browse to the directory you have extracted the setup files and select **SETUP.EXE**. Click the OK push button to continue.

- Run	
<u>C</u> ommand Line:	OK
D:\Win31Rac\Setup.exe	Cancel
🗌 Run <u>M</u> inimized	<u>B</u> rowse
	<u>II</u> cip

2.) Click the "Continue" push button to continue installing the AudioRack .

AudioRack Setup			
Welcome to the AudioRack Setup.			
Setup installs the AudioRack on your computer.			
Choose the Exit button to exit this setup program before completing installation.			
<u>C</u> ontinue <u>Ex</u> it			

3.) The "AudioRack Setup" dialog box shown as below will inform you that the AudioRack application will be installed to "C:\AUDRACK" as the default directory. You can specify a different directory by typing a different name.

AudioRack Setup			
Setup will install the AudioRack in the following directory.			
If you want to install the software in a different directory, type the name of the directory below.			
Destination Directory:			
C: VAUDRACK			
<u>D</u> K E <u>x</u> it			

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4.) Please click the "Complete Installation" to continue the installation.



5.) The figure shown as below indicates that the system is extracting files to the destination directory, please wait for some seconds.

AudioRack Setup				
14%				
Installing:	esstb.dll			
	<u>S</u> top			

6.) Please click the "Exit" push button to complete the installation.

AudioRack Setup			
AudioRack software installation is complete.			
E <u>x</u> it			

#### You can add an Spatial 3D program item to your "AudioRack" program group.

1.) In Windows 3.1x Program Manager, please click the "File" pop up menu, and choose the "New" command. A "New Program Object" will appear as the figure shows below. Please choose the "Program Item" and click the OK push button.

New Program Object			
Ne <del>w</del>	OK		
O Program <u>G</u> roup	Cancel		
(Program <u>I</u> tem)	<u>H</u> elp		

### PNP SOUND CARD

2.) In the "Program Item Properties" dialog box, please set the "Description" as you wish (e.g.: 3D), the Command Line (e.g.: Spatial.exe), the Working Directory (e.g.: C:\AUDRACK) then click the OK push button.

Program Item Properties			
<u>D</u> escription: <u>C</u> ommand Line: <u>W</u> orking Directory: <u>S</u> hortcut Key:	3D SPATIAL.EXE C:\AUDRACK None <u>R</u> un Minimized	OK Cancel <u>B</u> rowse Change <u>I</u> con <u>H</u> elp	

3.) An 3D program item should appear in the AudioRack program group.

-	AudioRack	
AudioRack Aud Reco	io 3D	Spatializer -
		🗌 Mid
		🖂 Min
		🗌 Off

E-20-022 Version 1.0