

# *Auralia*

*Complete ear training for all musicians*

**Version 2.1**

## **Installation Guide**



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# Installing Auralia

## Installation Instructions

Installing Auralia is very simple and will take only a couple of minutes, Auralia requires 20Mb of free hard disk space.

1. Insert the CD-ROM provided with the package into your computer's CD-ROM drive.
2. A CD icon will appear on your desktop and a window will open in the Macintosh Finder showing the contents of the CD. If a window does not open then double-click on the CD icon.
3. Double-click on the file 'Install Auralia'. A new window will appear and a default install location will be selected which you can change with the popup menu. By default Auralia will be installed in the Applications folder. When you are ready then click the 'Install' button to complete installation.

We recommend the use of 800x600 video resolution with at least 256 colours for maximum picture quality. Performance may be affected if this is not available.

## Installation Notes

When running for the first time, Auralia will create a folder called 'Auralia Data' in the 'Application Support' folder. On MacOS X this is located in the 'Library' folder and on earlier systems this is inside the System folder. This is the default location for Auralia's databases. For network use this can be changed (see Network Installation in this guide).

If, when running Auralia, you get the message that QuickTime is required, you may need to install this. QuickTime is part of the Macintosh system and can also be downloaded from <http://www.apple.com/quicktime>. If you do need to install QuickTime then make sure that you install any QuickTime Music

components.

If you wish to prevent access to the administration menus you will need to enable the login system; see the '*Security*' section of the '*User Guide*'.

# Network Installation

## Network Functionality

In an environment where Auralia is installed on many computers (*Desktop Site License, Lab Pack or multiple Single Licenses required*) we recommend that you utilise your computer network (if available) to help you track student performance. **Auralia fully supports networked record keeping.** This means that all of your student results can be stored centrally, reducing your administration load and giving students far greater flexibility regarding the choice of computer that they use.

All user, class, statistic and test databases can be stored centrally.

## Network Installation Instructions

The network installation process consists of installing Auralia on a central network computer (called the 'server') and running it. This automatically creates databases on the server that can then be made available to all the other networked computers (called the 'clients'). Once Auralia is installed on each client, it can easily be setup to read the shared databases from server.

Auralia should be installed on each computer on your network. **Although it is possible to simply install Auralia onto the server and run it on each of the clients, the program will run much more slowly and network traffic may be too high to allow correct record keeping.**

## Server Installation

Installing Auralia on the server is the same as for any other computer. This is described in the section 'Installing Auralia' at the beginning of this manual.

When Auralia is first run on the server, it will create a folder called 'Auralia Data' in the 'Application Support' folder. On MacOS X this is located in the 'Library' folder and on earlier systems this is inside the System folder.

Databases will also be created in this folder during the first time the program is run.

The process of making these databases available to client computers is by using the Macintosh's built-in file sharing.

**Note that in MacOS 9 and MacOS X, personal file sharing only allows 10 users to connect at any one time. If you wish to have more simultaneous users then you will need to run dedicated server software eg. MacOS X Server or AppleShare.**

This process of sharing files varies depending on the version of MacOS being run on the server. The following assumes that you have the network settings correctly configured for your network (eg. ethernet, airport) and that Appletalk is running.

### **The server is running MacOS 9:**

Under MacOS 9 you can create a new set of databases anywhere on the server to be shared. Just open 'Administration -> Data -> Network' and select a folder where you would like databases to be created.

1. Open the File Sharing control panel.
2. Select the Start/Stop tab at the top of the window.
3. Click on the Start button to start file sharing (not the Program Linking button). You may get the message that AppleTalk needs to be switched on. This can be configured with the AppleTalk control Panel.
4. Select the Users & Groups tab at the top of the window.
5. Click on the New User button, which opens a new user window.
6. Enter a name in the 'Identity' box and a password in the 'Password' box. e.g. Identity: Auralia User Password: AuraPasswd
7. Close this window and close the File Sharing control Panel.
8. Open the 'Application Support' folder (or wherever your Auralia database folder is located) and click on the Auralia Data folder so that it is highlighted.
9. Choose Get Info -> Sharing from the File menu.
10. Click on "Share this item and its contents" so that it is checked.

11. Click on the popup menu next to User/Group and select your new user (e.g. Auralia User)
12. Click on the popup menu to the right of this menu and select Read & Write.
13. Close this window. The folder Auralia Data is now being shared.

### **The server is running MacOS X:**

Under MacOS X, only items in a user's 'Public' folder can be shared. You have the option to either create a new set of databases in your 'Public' folder or move your existing databases:

To create a new set of databases:

1. Run Auralia and open 'Administration -> Data -> Network'
2. Click on the 'Change' button and navigate to your Public folder.
3. Click on 'New Folder' to create a new folder in your Public folder. Give the new folder a name (eg. 'Auralia Shared Data') and click Create.
4. Select the newly created folder ('Auralia Shared Data') and click Choose.
5. Click on OK to close the Network window.

To move your existing databases:

1. Using the Finder, move the 'Auralia Data' folder from the 'Application Support' folder (inside the 'Library' folder) to your 'Public' folder.
2. Run Auralia and open 'Administration -> Data -> Network'
3. Click on the 'Change' button and navigate to the folder 'Auralia Data' in your 'Public Folder' and click the Choose button.
4. Click on OK to close the Network window.

To share your databases on the network:

1. Open the System Preferences from the Apple menu.
2. Click on the Sharing icon to bring up the Sharing window.

3. Under the list of services, enable Personal File Sharing and click the Start button (if File sharing is off).
4. Quit System Preferences. All items in your Public folder are now being shared.

We are now going to add you to the user database that resides on the server. On the server where you installed Auralia, run the program. Select 'Administration -> Users -> Maintenance' from the main menu.

1. Click on the button 'New';
2. Enter a login name
3. Enter a password
4. Select the Default Class
5. Choose 'Administrator' access

Click on 'Accept' and then 'Done' to exit the screen. You now have an 'Administrator' user in the databases. This will ensure that you cannot be locked out of Auralia when the security features are enabled.

## File Security

Since students need read and write access to the shared databases, there is the possibility that the students could delete or corrupt the database files. The way to prevent this is to make the database files hidden. This can be done from within Auralia with the 'Administration -> Data -> Network' window. Click on the 'Hide Files' button to make them hidden. Although the files are not visible in the Macintosh Finder, they are still there and should function as normal. To make the files visible again, click on the 'Show Files' button.

## Workstation Installation

Auralia must be installed on each workstation; Auralia should not be run from the server installation.

Installing Auralia on a client is the same as for any other computer. This is described in the section 'Installing Auralia' at the beginning of this manual.

Each workstation now needs its Auralia configuration changed to allow network database access. **Ensure that you have added an administrator user to the network database as described in 'Server Installation'**

1. The first task is to mount the shared folder 'Auralia Data' on the workstation's desktop. Under MacOS 9 and earlier open the Chooser (from the Apple menu) and click on the AppleShare icon. Under MacOS X select 'Connect to Server' from the 'Go' menu. Select the server from the available list of computers and click OK. You will be shown a list of volumes to mount.

If the server is running MacOS 9 (not the workstation) then you should see a folder 'Auralia Data'. Give the login name and Password as setup on the server (e.g.. login: Auralia User, password: AuraPasswd) and click OK. The volume Auralia Data should be mounted on the desktop of the workstation.

If the server is running MacOS X (not the workstation) then you will just see a list of names of server accounts, one of which will be the user in whose Public folder are the Auralia databases. You can login as a guest. The Public folder containing the Auralia databases will be mounted on the desktop of the workstation.

2. The next task is to setup Auralia to use the databases on the server, instead of the local machine.

Start Auralia and select 'Administration -> Data -> Network'. Using the 'change' button, choose the path of your shared 'Auralia Data' directory. This directory was setup as described in the '*Server Installation*' section.

Click on 'OK' to save your settings and exit the network screen.

3. Select 'Administration -> General -> Security' from the main menu. Check the box labelled 'Use names and passwords at all times'. If you did not add an administrator user correctly in the '*Server Installation*' section, Auralia will not allow you to select this option. This is to prevent the enabling of the login system without having an administrator defined, a situation that will leave you locked out of the administration features. You will also need to type an administrator password in the field provided. This is in case Auralia can not find the shared databases (eg. when the server is down). In this case you will need to enter this password to access Administration menu items. Click on 'OK' to exit the Security screen.
4. Select 'Administration -> Users -> Options' from the main menu. 'Automatic User Registration' and 'Allow users to change their

settings' should be checked for minimum maintenance. For a complete guide on these settings refer to the section entitled 'User Administration Options' in the *User Guide*. 'Record Statistics' should also be checked for maximum benefit in a network environment. This will ensure that all results are recorded.

# Technical Support

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When contacting Rising Software, please have the following details on hand:

1. The version of Auralia you are using;
2. The version of Mac OS you are using;
3. The type of sound or MIDI equipment you are using, and details of your Auralia sound configuration, if it is a sound related problem;
4. Whether Auralia is installed on a network, and if so, what type;
5. What the exact problem is, such as the exact message given by Auralia, what you were doing when the error occurred (eg practising intervals, reviewing students' statistics, etc), and any other details you feel are relevant.

## Internet

Rising Software maintains a web site at the following address:

*<http://www.risingsoftware.com>*.

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## Email

We can be contacted through email on the internet (and associated networks) at the address: *[support@risingsoftware.com](mailto:support@risingsoftware.com)*.

## **Fax**

You are welcome to fax any correspondence regarding Auralia to us on +61 3 9481 3380. Please include a fax number if you wish your query to be responded to by fax.

## **Telephone**

You can reach the Rising Software office during business hours on + 61 3 9481 3320. If you are in the USA, please call (888) 667 7839. If we are unavailable, please leave a message and we will return your call.

## **Post**

You can reach Rising Software by post at:

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