

Magic Remote



Magic Remote Server & Control

Manual V 1.4.3

Welcome to Magic Remote Server & Control

With the help of this manual you will be able to make the best possible use of Magic Remote Server & Control. It is absolutely necessary to configurate the software before applying it.

It is an absolute must to read the complete chapter –Installation-.

The hints on the concept are surely helpful, too.

It is assumed that you know how to work with the operating system Mac OS X like making suffixes of file names invisible or installing WLAN on a Mac. If not you should refer to the respective manuals by Apple.

In this manual the term ”iPod” also stands for “iPhone”

“DVD” also stands for HD, DVD and Video CD.

This manual applies to both Magic Remote Server (Pro) and Magic Remote Control. The differences will be explained where necessary.

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II. Concept

Magic Remote Server & Control make a user friendly media center of your Mac in connection with iPod. Magic Remote Control serves as a remote control for the programs iTunes, DVD Player, VLC Player, EyeTV, ... In order to make the program easy to use only the most important functions of the controlled programs are supported. Special usually rarely used functions however can be used with programs of other developers.

To control iTunes a special database is used on iPod. This has the advantage that you can check in the shop, if you already own a specific CD. Everybody who has bought the same CD twice will appreciate this feature. Apart from this scrolling in the album list on an iPod is considerably faster than reloading the covers via WiFi.

However, this procedure has its disadvantage, too. Before using it for the first time the database has to be created and transferred to the iPod. This procedure has to be repeated whenever new CDs are added to the iTunes library. When you first call up CDs or playlists the database is booted first; according to its size this can take quite a while. As Magic Remote Control is intended to be used as a remote control only (Magic Remote Control runs continuously on an iPod) this is of no disadvantage.

The programs are controlled by Applescript. When you make an update it might happen that Applescript commands in the new and in the original version of the program are interpreted differently. This might lead to malfunctioning. Therefore updates should only be used when they are mentioned in the [list of compatability](#).

Accordingly the option – search for updates automatically – has to be deactivated.

Because the Magic Remote Server is fully controlled via an iPod, Magic Remote Server has no user interface. Programs that require screen output, such as the DVD players will be kept in the foreground.

To make the best use possible of the program the information of the iTunes library should always be kept up to date. Different spellings of performers should be corrected and the words of the songs should be added. There are numerous programs available to keep the iTunes library up to date.

Apart from this the use of intelligent playlists is recommended. The selection then is clearly represented and becomes faster. Details cf. hints for iTunes.

III. Versions

Magic Remote Server is available in two versions. The differences between the two versions are listed in the chart below.

Feature	Magic Remote Server	Magic Remote Server Pro
Show lyrics on iPod	-	X
Show bitrate on iPod	-	X
Show tracknumbers on iPod	-	X
Support profiles	-	X
Support Pure Music	-	X
Support Decibel	-	X
Support Airfoil	-	X
Multiple servers in network	-	X

IV. System requirements

- A Macintosh Computer with Mac OS X 10.7 or newer
- A monitor with a resolution of at least 800X600 dots
- iTunes Version 10.6.3 and above
- DVD-Player Version 5500.26.11 Framework-Version 5.5.0
- EyeTV Version 3.5.5
- VLC-Player Version 2.0.2

For the Pro Version

- Pure Music Version 1.86
- Decibel Version 1.28
- AirFoil Version 4.7.0

An up-to-date list of the supported software versions can be found on the web.

<http://www.brapps.de/english/MagicRemote/CompList/index.html>

Magic Remote Server (Pro) **and** Magic Remote Control V 1.2 support also iTunes 11.
From version 1.4.2 Magic Remote Server (Pro) generates its own Cover Flow view, so there is no reason to use iTunes 10.

V. Installation

Magic Remote Server can be saved at any place on the hard disc.

If you want Magic Remote Server to be booted straight away when switching your Mac on, Magic Remote Server in - System Preferences - Users & Groups - must be added to the login items.

Magic Remote Control must be installed on the iPod via App Store.

To avoid malfunctioning it is absolutely necessary that Magic Remote Server and Magic Remote Control use the same WiFi network.

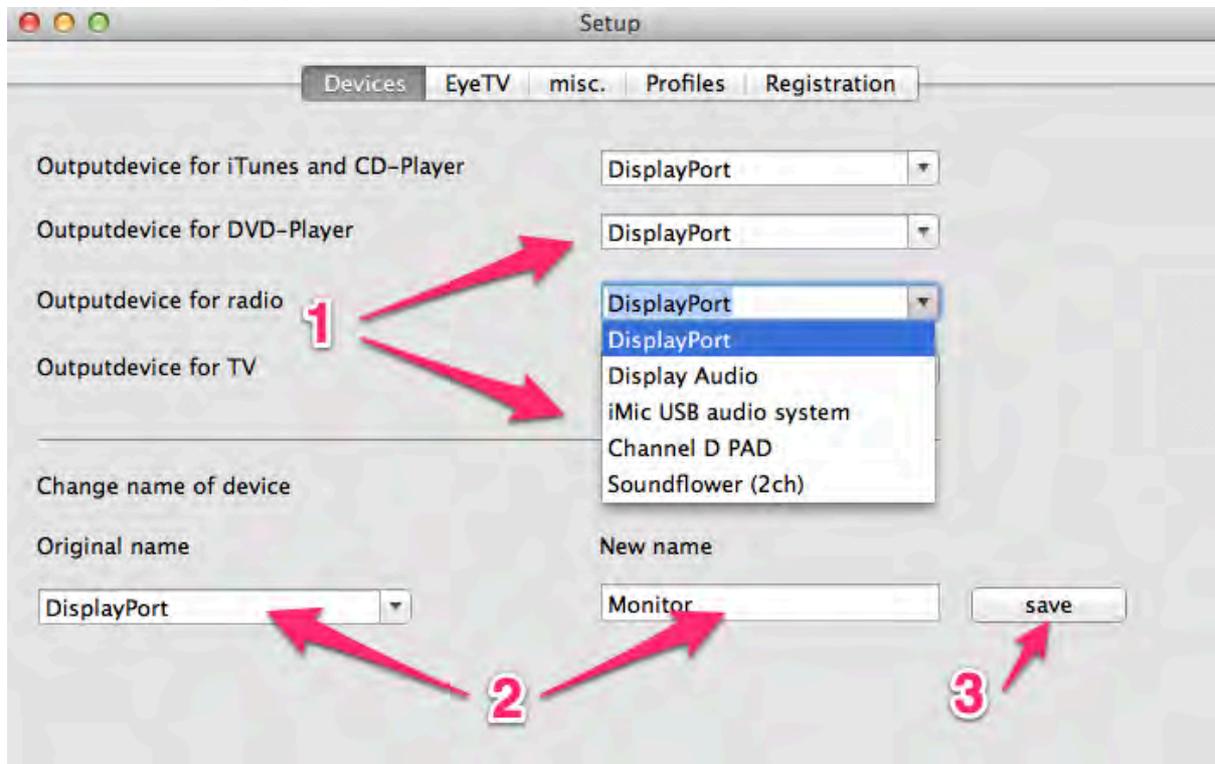
1. Configuration of Magic Remote Server

So Magic Remote Server can control other programs an option must be selected in the System Preferences. On OS X prior 10.9 is to enable "Enable acces for assistive devices" in the Universal Access preference pane. This function can be found from OS X 10.9 in Security - Privacy - Accessibility "Allow the apps below to control your computer." If the option is not activated Magic Remote Server (Pro) opens the corresponding System Preferences at startup.

When starting Magic Remote Server for the first time the setup dialogue is opened and the required settings are to be carried out.

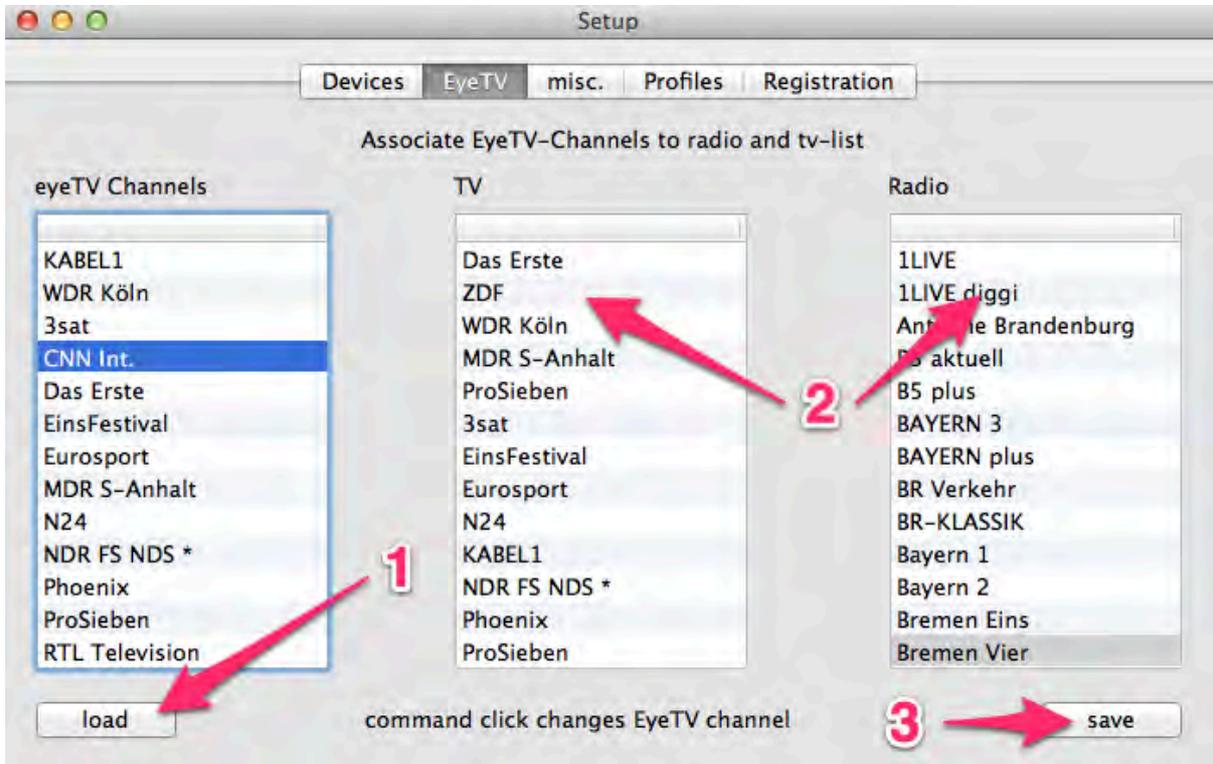
Warning: When the programme is in full operation later the setup dialogue is opened via iPod – more – switch – settings. If a programme with screen output is in operation, Magic Remote Server tries to keep it in the foreground. So the setup dialogue on the Mac can only be opened when the radio is active.

(a) Output devices



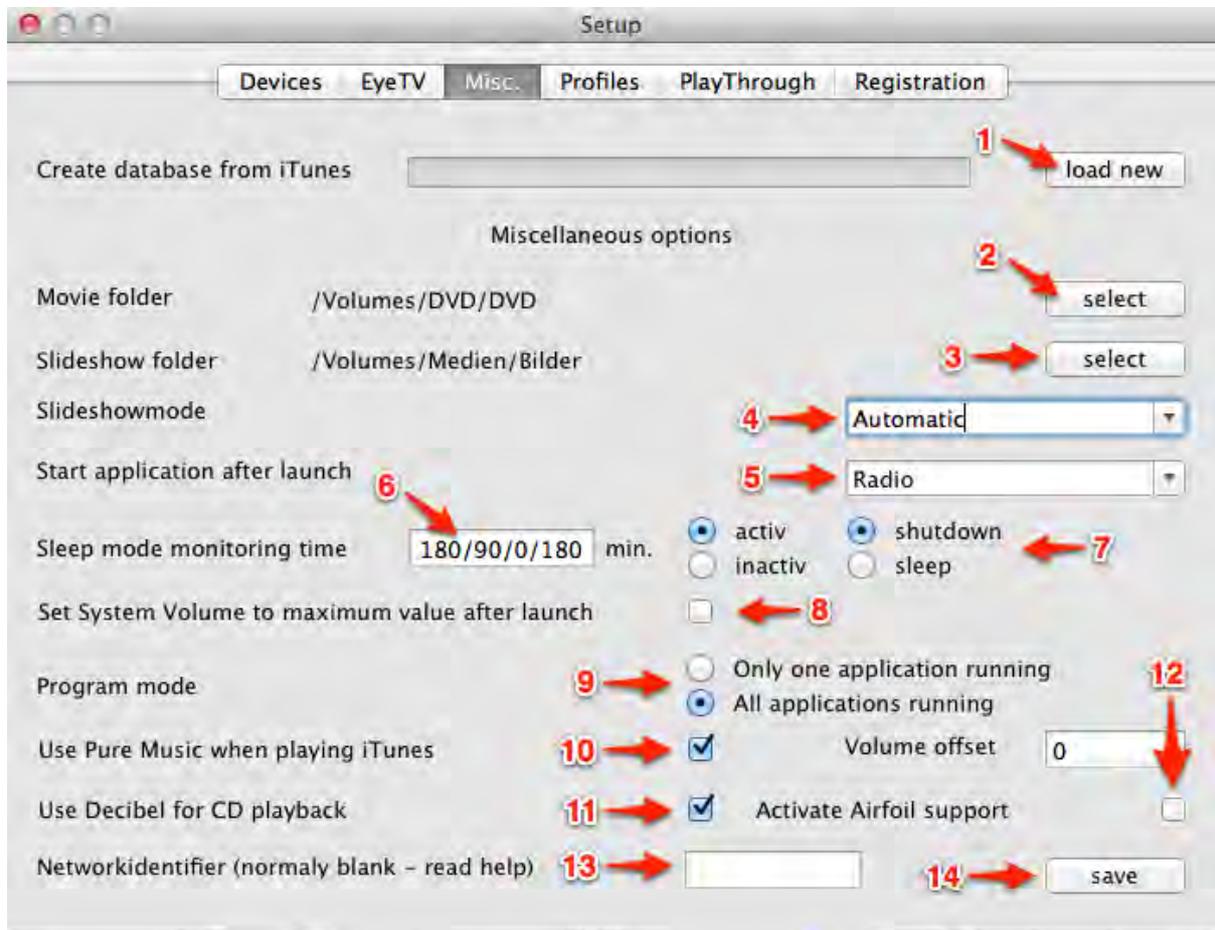
- 1) Here the output device can be controlled for every function (radio or TV) and every program group (for example iTunes and CDplayer). In this way the sound can come from the TV set when playing a DVD and when listening to a CD with iTunes it can come from the stereo equipment.
- 2) As the device name often is not clear it can be adapted. Thus HDMI simply becomes TV or digital output becomes (integrated) stereo equipment. To achieve this, the device is selected in the lower part of the window and a new text such as loudspeaker is entered. If the new name begins with a ? this output can not be selected on an iPod. In this way existing but never used outputs such as internal loudspeakers can be hidden.
- 3) Finally the input has to be saved.

(b) EyeTV



- 1) The channel list of EyeTV is loaded with the button “load”
- 2) The stations to choose from later in Magic Control are transferred to the lists TV and Radio by drag and drop. Within these lists the entries can be sorted and deleted with “delete”. With “control-click” EyeTV switches to the desired station. This is useful when the name of the station is not known.
- 3) With “load” the settings for Magic Control are saved.

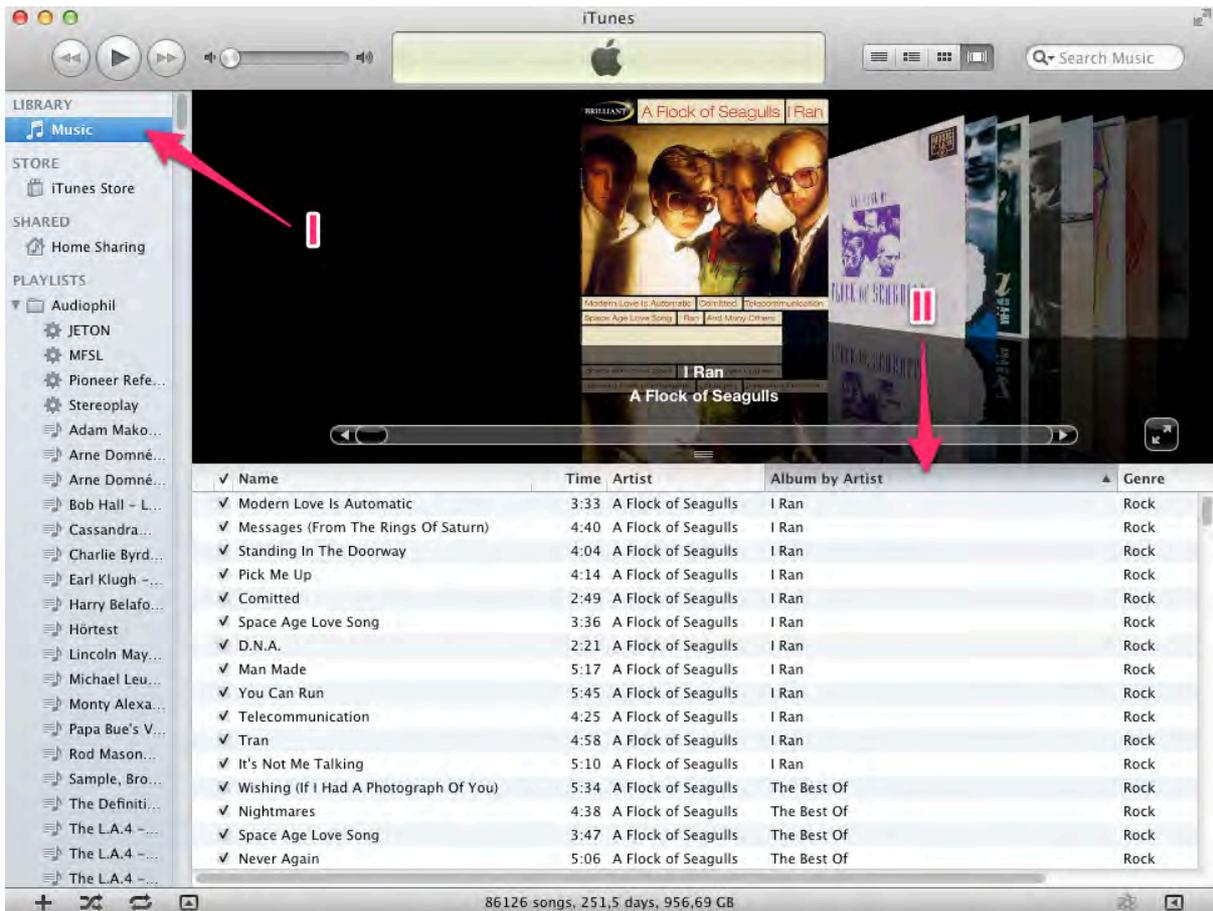
(c) Miscellaneous



1) Create database from iTunes. With button “load new” a new database is created from the current iTunes library. It then has to be transferred to iPod with Magic Remote Control - More – Switches – load database -.

Warning: “load new” creates a database of the **current selection**. Therefore “Music” must be selected under “Music” in iTunes and “Album by Artist” must be active (I and II in the graphics below) If this is not observed the offline database will not contain all titles and / or the exact match of album to title will be incorrect.

According to the size of the library creating the database can well take half an hour. The progress indicator shows the progress in two phases.



iTunes 10



iTunes 11

2) Movie folder

When the option “Movies” in Magic Remote Control is selected, films, ripped DVDs ... are searched in the selected folder.

In this folder files should be shown without their suffixes. Therefore the option “hide suffix” should be selected for the particular file in the Finder under “Info”.

Then this folder should contain only video files or folders with DVD files. If a folder contains the folder VIDEO_TS, Magic Remote Control displays just the folder and no other contents. In this way it is unnecessary to open the VIDEO_TS folder.

3) Slideshow folder

When the option “Slideshow” in Magic Remote Control is selected, images are searched in the selected folder. Is an external data storage (USB-stick, CD, ...) with images available, the path to these data storage is used instead.

4) Slideshow mode

The following options are available:

- automatic
- Finder (slow, rotate not possible, reliable)
- IKSlideshow (fast, rotate possible, sporadic chashes)

Under non-reproducible circumstances Magic Remote Server (Pro) may crash when using IKSlideshow and scrolling in index view. Alternatively, the Finder can be used for the slideshow. This mode is highly reliable, but slow at the start of the slideshow. In addition, images can not be rotated.

When -automatic- is selected IKSlideshow is used for images on an external data storage (USB-stick, CD, ...). The Finder is used for images on the hard disk. It is assumed that the function - rotate image - is only needed directly from the camera or CD but not for images on the hard drive.

5) Activating after launch

Here it is set whether Magic Remote Server activates the radio or the TV when started.

6) Sleep mode monitorimng time

Here you can set a time after which the Mac will automatically go to sleep or shutting down. This depends on the settings. The time counting restarts with every input from the iPod. The following entries are possible.

xxx - Time is all day

aaa/bbb/ccc/ddd here are the values valid at the following times:

aaa from 0 a.m. to 6 a.m.

bbb from 6 a.m. to 12 a.m.

ccc from 0 p.m. to 6 p.m.

ddd from 6 p.m. to 12 p.m.

Entering 180/60/0/180 following causes. Starts at 7 a.m. the Mac as radio, so by 8 a.m. is performed an automatically shutdown when you have left the house already. If you start a movie at 10 p.m., then the shutdown by 1 a.m. If you start before the time expires a new movie or switches to TV the countdown starts again.

7) Sleep mode options

Here you can set whether the sleep mode is active or not and whether the Mac goes to sleep or is shut down when the time is expired. If the sleep mode is activated, it can be turned off and on by the iPod.

8) Setting the system volume at maximum after launching the app

If this option is selected the system volume is set at its highest level when Magic Remote Server is started. Otherwise the system volume is not changed.

9) Programm mode

Magic Remote Server offers two program modes. In one case (single mode) only one active program (e.g. DVD player) runs, in the other case (multi mode) all supported programs run and you just switch from one to the other.

Single mode is recommended, when resources are needed or highest sound quality is required. The disadvantage of this mode soon becomes clear when you switch from TV to iTunes. In this case first EyeTV is stopped and then iTunes is launched. According to the size of the library this can take quite while. A better sound quality can be achieved at least theoretically, as the sound output of all the programmes needn't be mixed. Every user should find out himself if it is audible at all when the non-active programmes are mute.

Multi mode is the standard mode. In this mode Magic Remote Server starts all the supported programs and if required it switches among the programmes in the memory. The sound of the inactive programmes is muted. This mode is highly convenient. Only the resources needed (lots of programmes in the memory) and a possible impact to sound by mixing the sound output of all programmes might have a negative effect.

10) Using Pure Music for iTunes playback (Pro Version only)

With the help of Pure Music the sound quality of iTunes can be enhanced considerably.

The improvement of sound is clearly noticeable on good stereo equipment and equivalent devices (not 128 kBit MP3)

However, the different systems are not very well integrated. Pure Music does not support the upsampling of CDs. To do so either stop Pure Music or change into PlayThrough mode.

There will be a difference in volume between CD and normal playback.

It is at this very spot that Magic Remote Server sets in. When a CD is inserted Pure Music is made to change into PlayThrough mode and the system volume is adjusted according to the settings in the field –Volume offset - . When choosing a title from the iTunes library these proceedings are cancelled.

11) Play CD's on Decibel (Pro Version only)

Since neither iTunes or Pure Music are able to play CD's in high quality, it is possible to play CD's on Decibel.

12) Airfoil support (Pro Version only)

Airfoil makes streaming of audio content to other devices in a network possible. However the audio source always has to be selected. If the option Airfoil is active, Magic Remote Server starts Airfoil and adjusts the audio source to the program which is active at the time.

As it may happen that the sound is transmitted with a slight delay (not lip-synced) streaming can be switched off temporarily via – more – switch – streaming stop.

13) Network identifier (Pro Version only)

If several Magic Remote Servers are operated in a network, the particular name has to be put in here. Magic Remote Control supports several databases or servers respectively. When a programme is booted you may have to choose which Magic Remote Server to get connected to. Then the matching database will be used.

14) With “save” the network identifier and the sleep modus parameter are saved.

(d) Profile (Pro Version only)

The screenshot shows a window titled "Setup" with a tabbed interface. The "Profiles" tab is selected. Under the heading "Name of profiles", there are three text input fields. The first field is labeled "Name of standard profile:" and contains the text "Loudspeaker". The second field is labeled "Name of alternative profile:" and contains the text "Headphone". The third field is labeled "Name of third profile:" and is currently empty. A "save" button is located in the bottom right corner of the window.

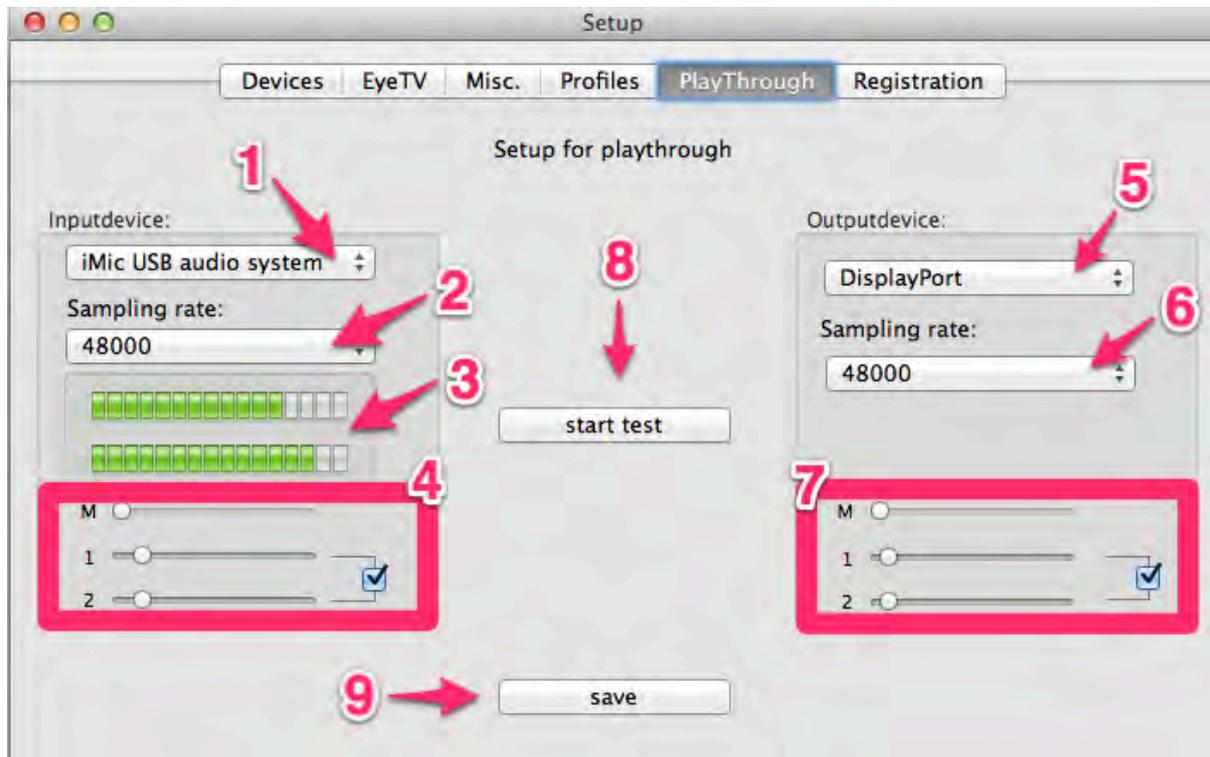
If for instance a power amplifier and a loudspeaker with an extremely high efficiency factor and headphones with a poor efficiency factor are connected to the DAC it may be necessary to adjust the volume of all programmes according to the listening situation (loudspeaker or headphones)

To this end Magic Remote Server Pro provides three profiles with different volume settings for the programmes. The names of the programmes can be changed here.

Warning: In this example the power amplifier must not be switched on under any circumstances when the headphones profile is active as this might lead to hearing impairment on account of the different efficiency factors.

(e) Playthrough (Pro Version only)

The Playthrough mode requires Magic Remote Server Pro and Magic Remote Control each in version 1.1 or newer.



In the Playthrough mode, a digital input connected to an output of the Mac and connected through the signal. Thus it is possible via a preamplifier with digital output to also integrate an old record player in the media center.

Parameter for the Playthrough mode:

- 1) Selection of digital input device
- 2) Sampling rate of digital input
- 3) Level indicator
- 4) Level control of digital input
- 5) Selection of digital output device
- 6) Sampling rate of digital output
- 7) Level control of digital output
- 8) starts playthrough for testing
- 9) storing the parameter for later use

First of all level controls should be set to a minimum. This ensures that there is no clipping or too loud sound level when testing.

Next, you have to select the digital input and to set the appropriate sample rate. Change the input sensitivity with the level controls so that no clipping occurs.

After selected the output device and set the sampling rate, the playthrough mode can be tested with - start test -. With the level controls the volume is adjusted, which is preset in future when using the Playthrough mode. In operation, this setting is changed via Magic Remote Control.

Notes:

Depending to the connected devices, not all controls have a function. The settings correspond to the settings in the Audio MIDI Setup of OS X.

The sampling rate should be chosen to match for each device. So it makes sense to set the sampling rate to 44.100 for a CD-player. Different sampling rates for input and output device cause resampling with optimum quality. If no resampling be desired, the sampling rates for the input and output device are set equal.

The settings have to be determined experimentally. Otherwise with "incorrect" settings there is no pleasure with the sound.

Works with the associated preamplifier with maximum output level, the level controls are not changed for the input. Nevertheless, the level indicator sometimes shows red. This is because the level indicator shows red shortly before reach the maximum level. A temporary red indicator is harmless.

(f) Registration



This tab is only on display when Magic Remote Server was bought at the Online Store.

It shows whether Magic Remote Server is registered or not. In order to register the licence file has to be dragged to the Not registered icon.

If Magic Remote Server is not registered it will not execute any commands and the registration tab will be displayed instead.

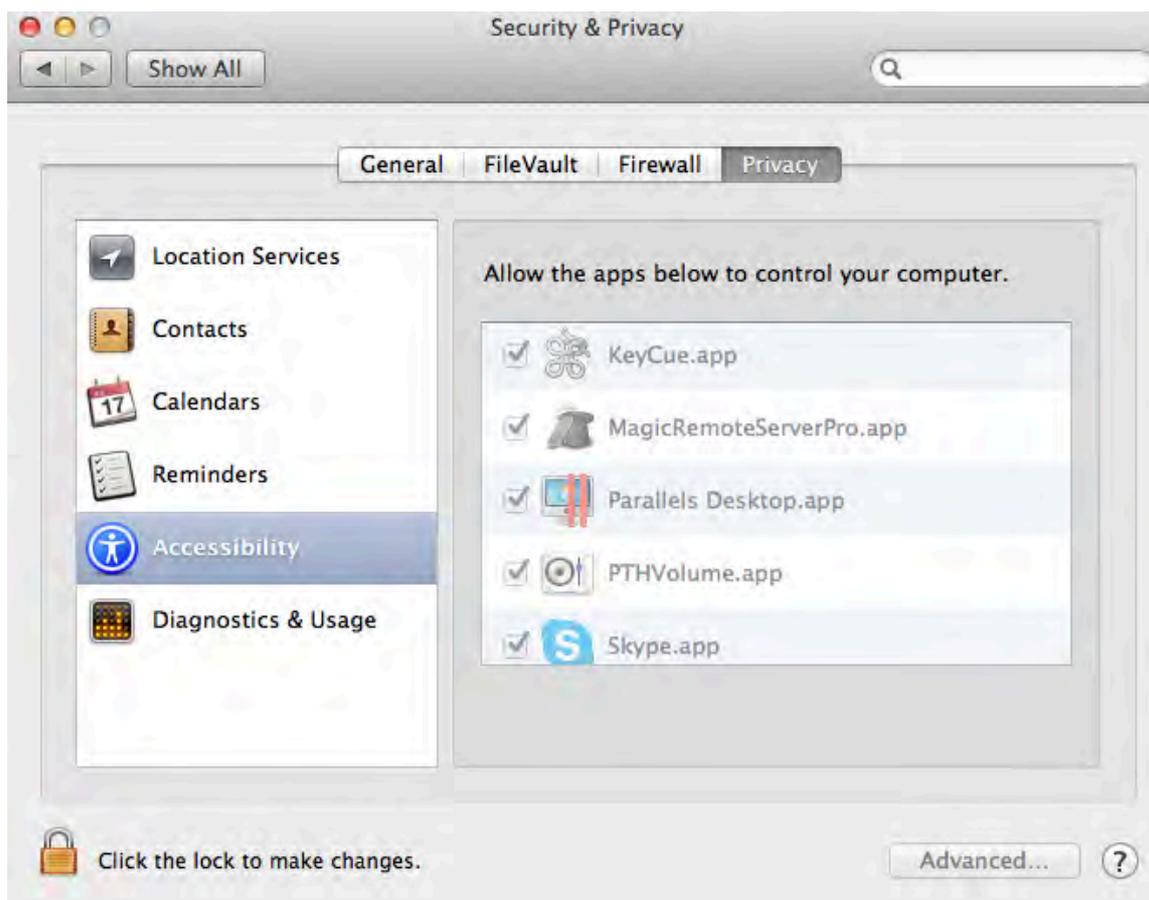
2. Setting the programmes

Some settings necessary to avoid malfunction. All the marked objects are to be set as shown. In some cases the settings correspond to the default settings but should be checked all the same.

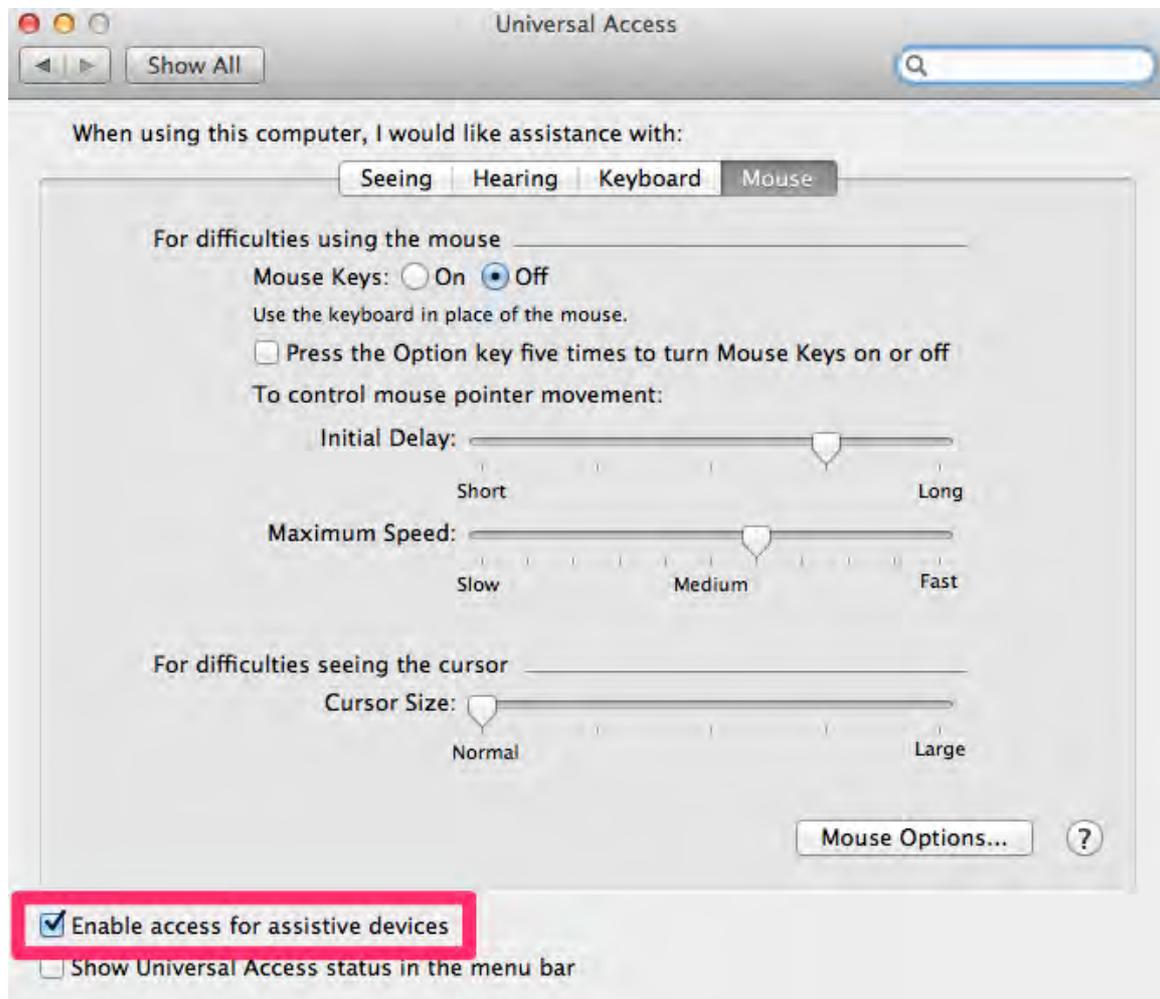
The automatic search for updates must be deactivated. If the Mac is mainly used as a radio (monitor switched off) the user would never notice there was an update and as the update dialogue is not finished the computer would not work properly. Furthermore there would be a risk of installing a version that does not make the best possible use of Magic Remote Server.

(a) System Preferences

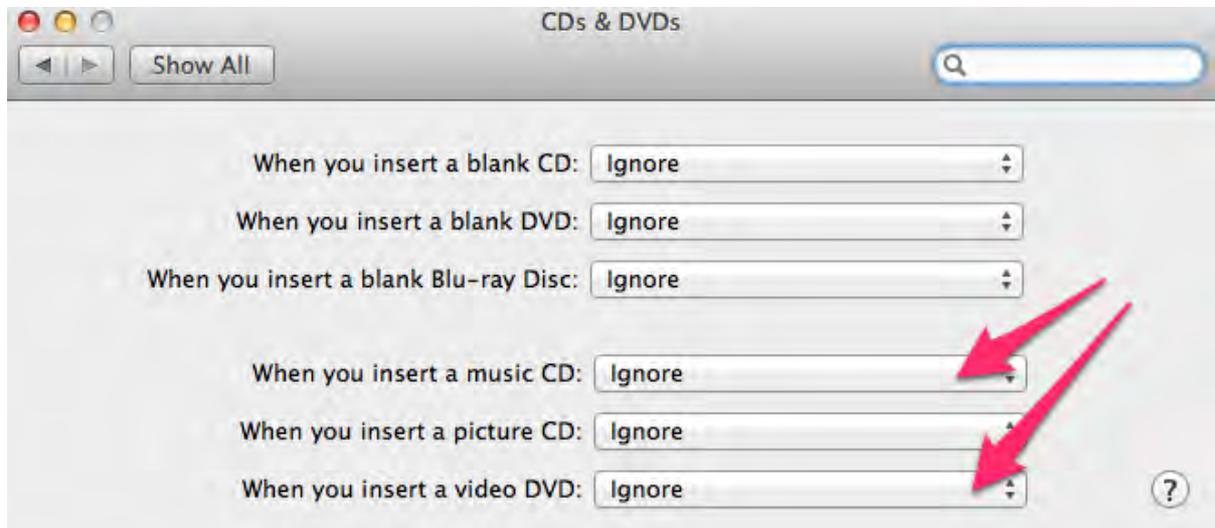
From OS X 10.9, the option "These apps may control your computer" must be activated.



On OS X prior 10.9 Access for assistive devices must be activated.

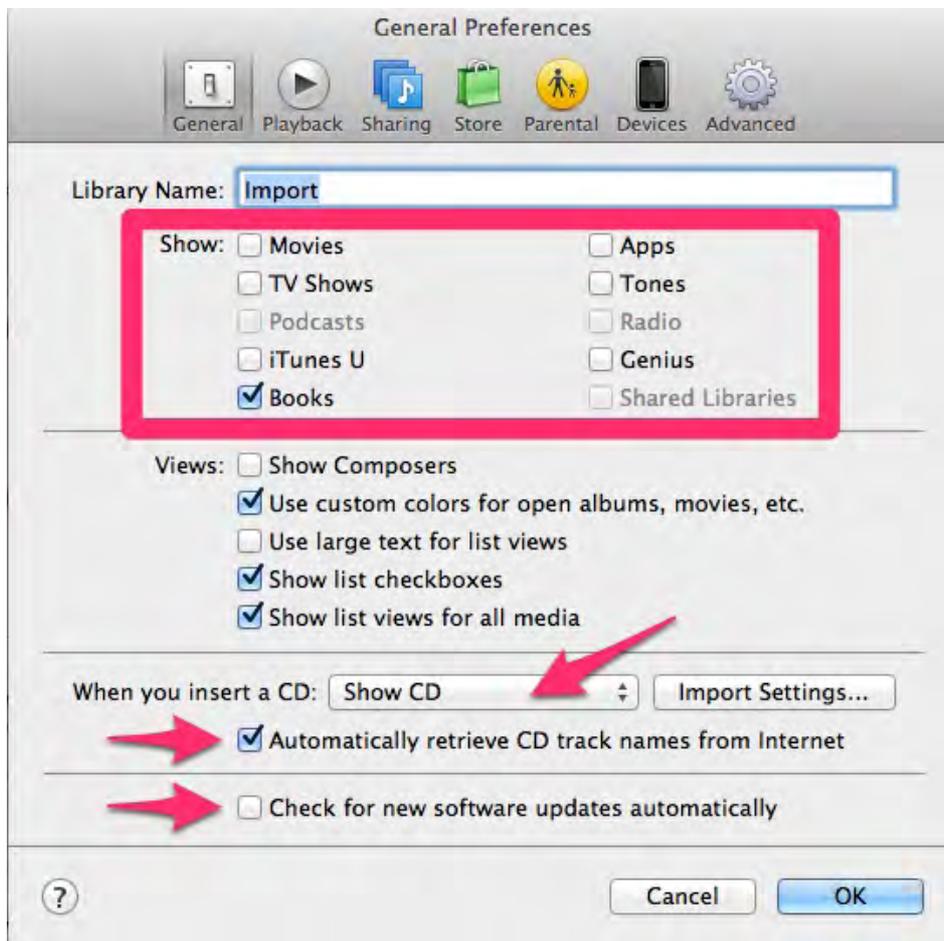


CDs & DVDs settings are also necessary.



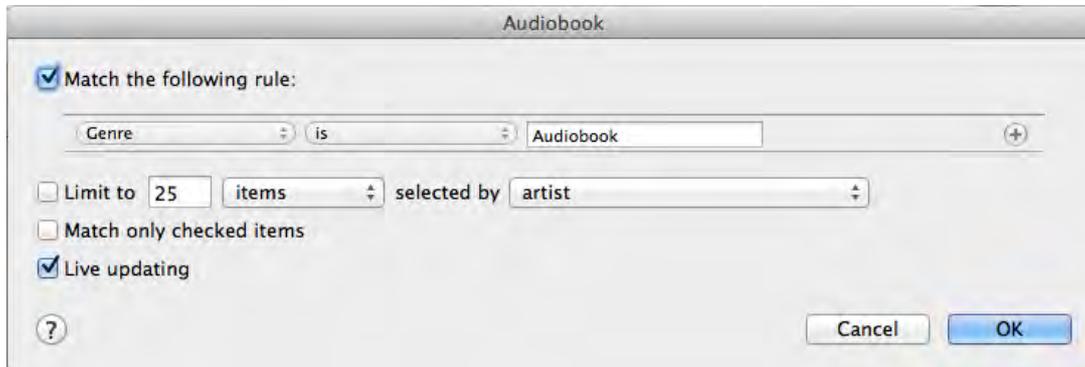
The marked entries have to be set at – ignore -. It is recommended to do the same with the other entries but this is not absolutely imperative.

(b) iTunes

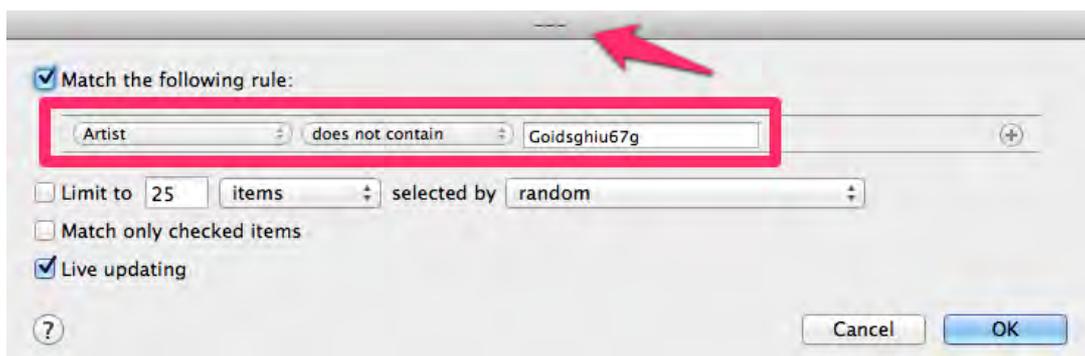


The check marks for movies, TV-Shows etc. have to be switched off when creating a new database, otherwise the entries in the playlists will not function. At any other time this setting is irrelevant.

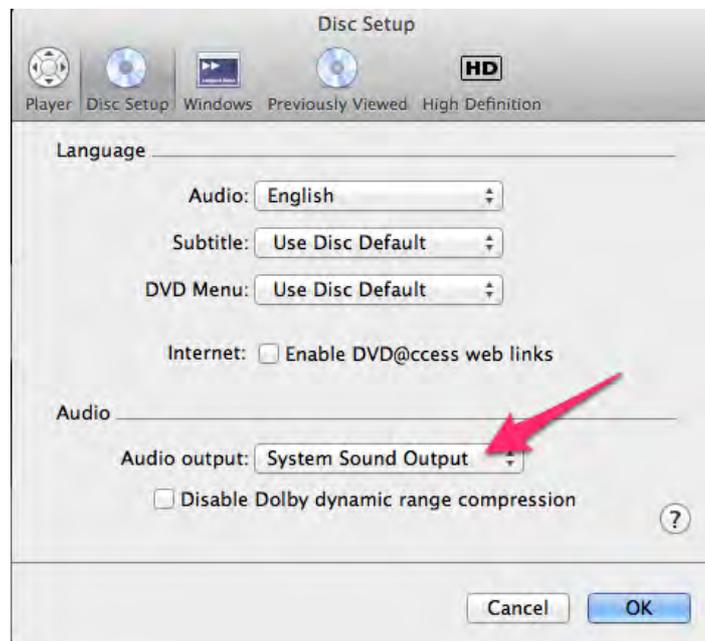
Audiobooks can be used with smart playlists including the genre Audiobook.



For **iTunes 10 and above** is a smart playlist with the name --- required. This playlist must include all titles of the library. This can be achieved by using a criterion that applies always. In this case, the Artist doesn't contain a nonsensical name.

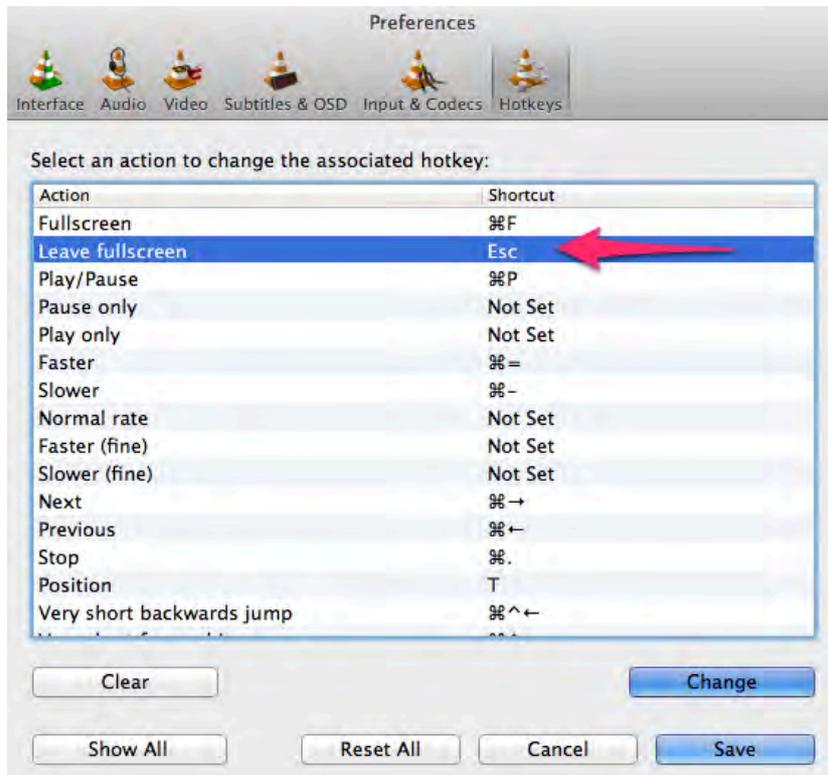


(c) DVD-Player

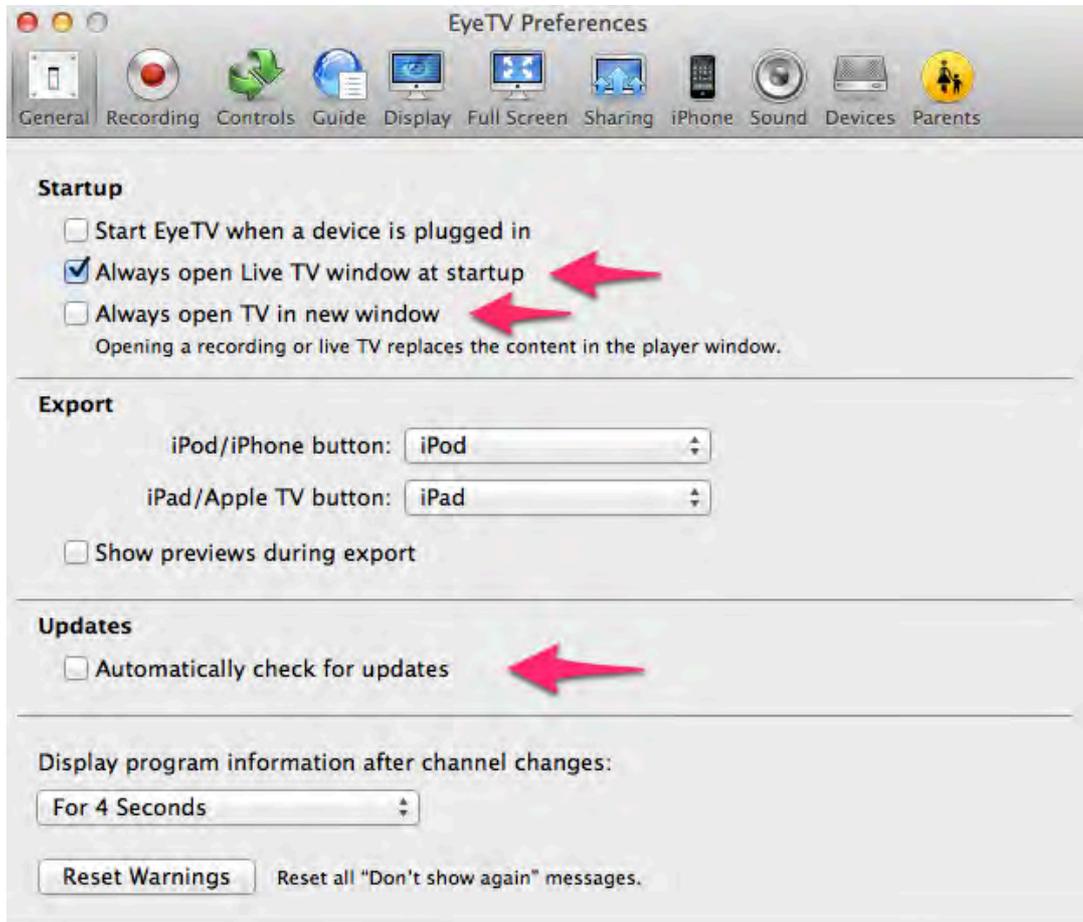


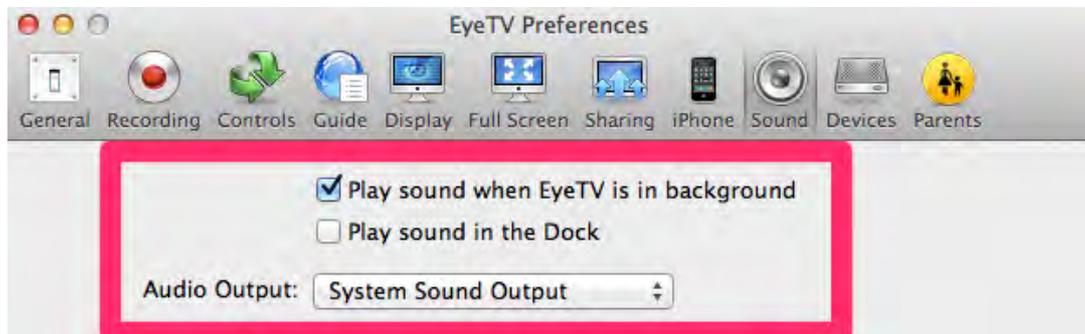
(d) VLC-Player





(e) EyeTV

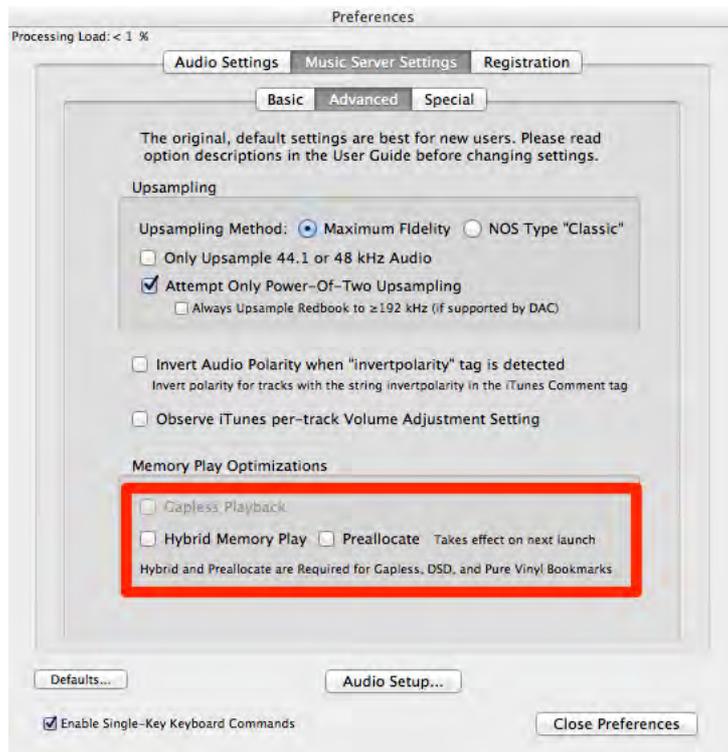




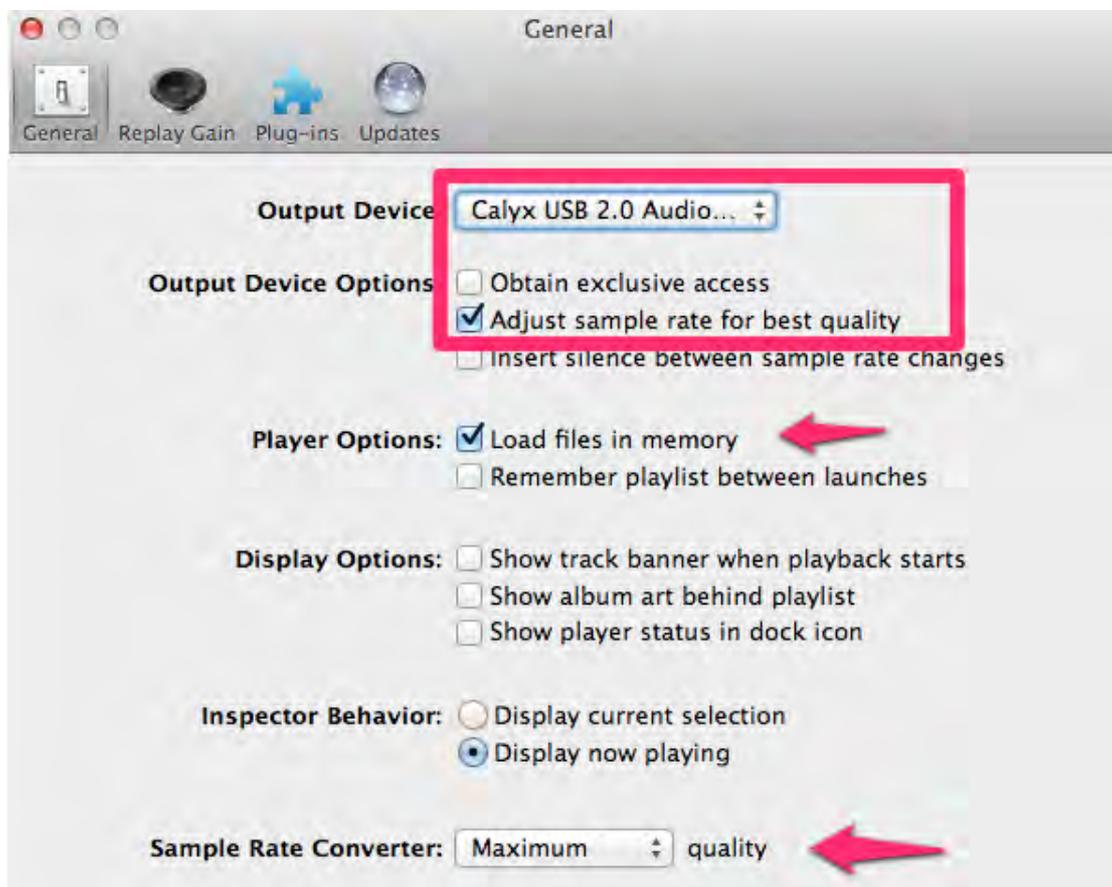
(f) Pure Music



Please, install Channel D Playthrough Audio Driver according to manual.



(g) Decibel



Select your Output Device and make settings as shown above.

Turn off automatic search for updates.

Warning: Decibel provides excellent playback quality. Unfortunately, the program reacts quite slow. Playing the first track after inserting a CD may take even 40 seconds. The change from one song to another can take some time to complete. When using Decibel so patience is needed. On the other hand there is the high quality output. Always wait until the last command was executed. Under no circumstances enter always new commands hectic!!!

(h) Airfoil



There must be a network connection between the Mac and Remote iPod and Airfoil Speakers must be active on Remote iPod so that it is displayed under – automatically Transmit to - .

VI. Magic Remote Control

Magic Remote Control uses an offline database on iPod when controlling iTunes. If the database is very large it may take some time before albums and artists are displayed. To display albums from playlists, iTunes loads them first, which also results in a slight delay.

Generally speaking the operation of iTunes depends on the speed at which iTunes runs on a Mac. Even without running any additional program iTunes with large databases becomes very slow. Therefore it is helpful to equip a Mac with sufficient RAM and processor performance. An SSD as a system volume also has a positive effect.

The use of intelligent playlists is strongly recommended. The clarity and speed of the user interface is improved then.

As Magic Remote Control was designed as a remote control this app should constantly run on an iPod in the living room. The disadvantages which arise from the use of an offline database for iTunes do not become evident so clearly then.

After a connection has been established with Magic Remote Server the user interface of the current function is displayed. As Magic Remote Server is booted as a radio or TV this is – as a rule - the dialogue for radio or TV.

If Magic Remote Control is relaunched for whatever reason when Magic Remote Server is playing a DVD the user interface of the DVD player appears.

1. Muting

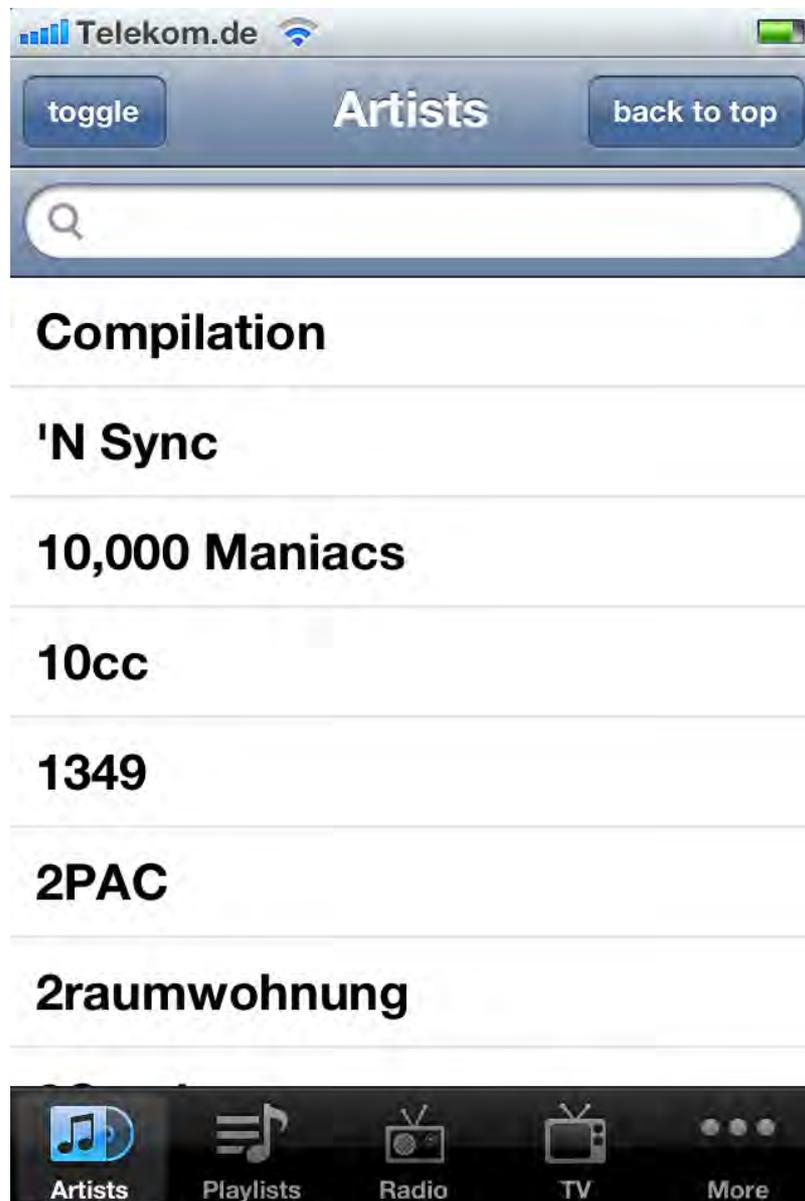
In nearly all operating conditions, by tapping the screen with two fingers to activate the mute function. This function requires version 1.1 or newer for Magic Remote Server and Magic Remote Control.

2. CDs , albums

There must be an offline database on the iPod so that something can be displayed here. (see above)

The data of the local database are loaded only on the first call after the app has been started or the view has been changed. Therefore the call can take some time. A list of all artists is displayed. After the selection of an artist the matching albums are displayed. Then the desired

titles can be selected and played.



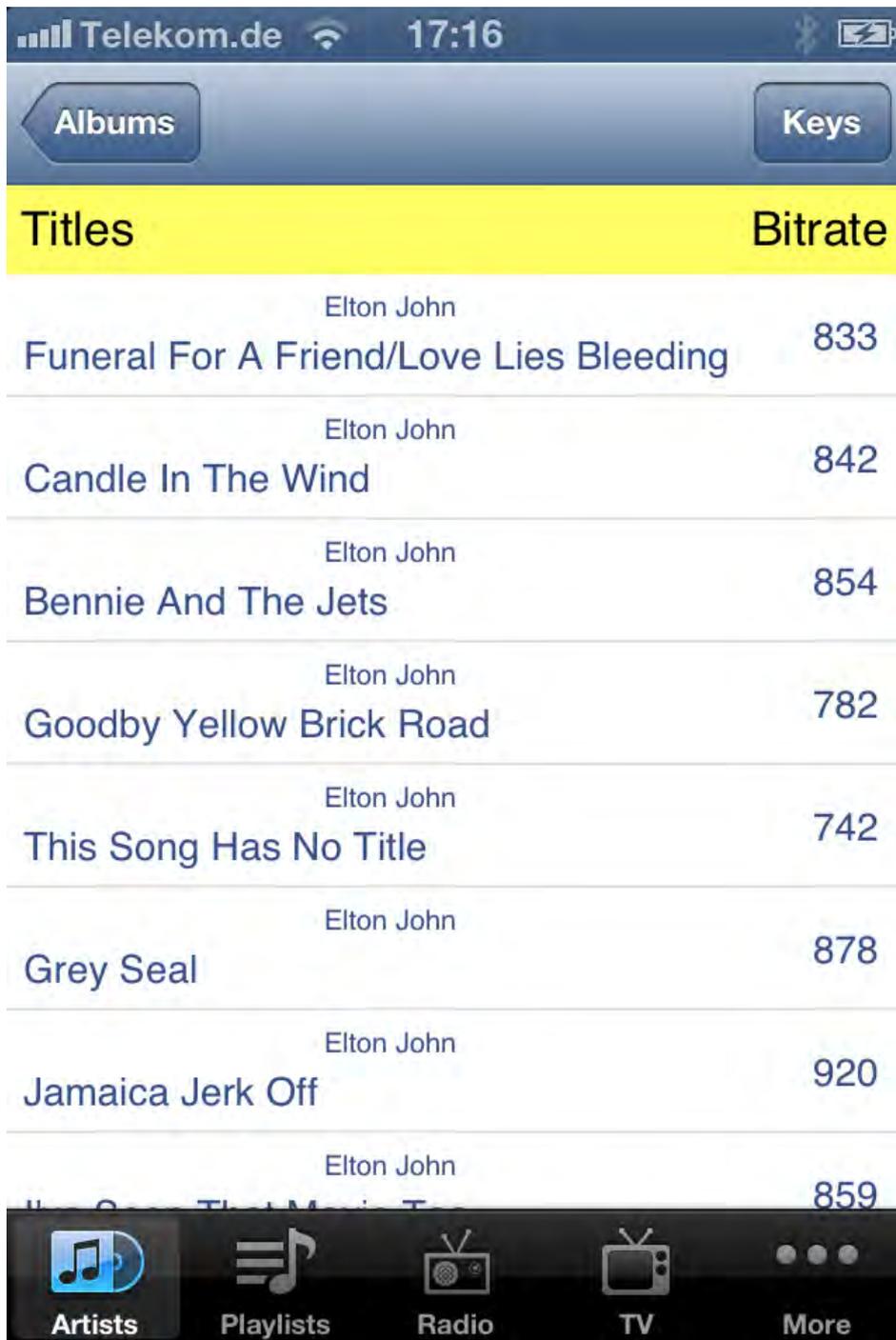
back to top - This can be used in the artist or album view to immediately scroll upwards for fast access to the search box.

toggle – switches from artists to albums and vice versa. Whenever you switch from one to the other the data are loaded from the database again which may take some time.

searchfield – you can search for artists or titles of albums here.



After an album has been selected the title selection appears.



Bitrate – is only displayed in the Pro version.

keys – switches to remote control view. Here e.g. the volume can be controlled.



Lyrics – if an audio file also contains lyrics, it can be displayed by the Pro version. This is ideal if you want to join in the singing.

3. Playlists

There must be an offline database which also contains iTunes playlists on the iPod so that something can be displayed here (see above).

The data of the local database are loaded only on the first call after the app has been started or the view has been changed. Therefore, the display of albums take a little. After the selection of a playlist the matching albums are displayed. Then the desired titles can be selected and played.

The other functions are as described under albums.

4. Radio

Here you can tune in to different radio stations and control the volume. The key marked with the symbol of a loudspeaker calls up the dialogue - more – switch -.

5. TV

Here you can switch from one TV station to another and control the volume. The key marked with the symbol of a loudspeaker calls up the dialogue - more – switch -.

6. Multimedia-Player

This dialogue is called up when a DVD is inserted or a media file is opened under Movie selection. The most important control functions like start, stop full screen mode, ... are available. The programmes DVD-Player and VLC are used for playback.

7. Movies

Here films can be selected that are saved on the hard disc. They are then played on the DVD or VLC-Player; cf. settings of Magic Remote Server.

8. Slideshow

Here, images for the slideshow can be selected. Depending on the configuration IKSlideshow or the Finder is used for the slideshow.

See also settings of Magic Remote Server (Pro).

9. Switches

Different functions are available:

- Selecting an output device
An output device such as a TVset can be selected from the list of output devices. If an output device different from the one configured in Magic Remote Server was used for a programme, Magic Remote Server does not automatically switch over to the configured output device until it is booted again.
- load database
Here an iTunes database can be loaded which was created by Magic Remote Server before. This is a prerequisite for the use of albums and playlists.
- Switch off
With this function a Mac is switched off. At first iTunes is quited. This can take some time according to the size of the library. After that a CD or DVD – inserted beforehand - is ejected and the Mac is shut down.
- Timer
The timer for monitoring the sleep mode can be turned off and on from here. Precondition is an activation of this feature in Magic Remote Server.
- Volume
With the speaker keys the system volume is changed. This corresponds to the volume of - System Preferences - sound - and not to the volume of a program e. g. iTunes.
- Profile (Pro Version only)
Here you can choose among the different volume profiles. This can be useful if a DAC without volume control, headphones which are hungry for resources and speakers with a high efficiency factor are connected. When using headphones it is enough to switch over to the profile of the headphones rather than increase the volume for every programme. When switching over you must by all means see to it that the correct output device is switched on. You might get a hearing impairment if you switch to the headphones profile while the power amplifier is on.
- Streaming Airfoil (Pro Version only)
Magic Remote Server supports switching of the application within Airfoil.
In some situations the sound output may not be lipsync to the picture. In this special case streaming via Airfoil can be switched off.

- **Background control**
Magic Control Server checks time controlled if e.g. a playlist was modified in iTunes and then brings iTunes to the foreground immediately. This is quite sensible when it is operated but makes it impossible e.g. to change the settings in other programmes. When background control is stopped all other programmes can be operated as usual. After that background control may be started again.
- **Settings**
Opens the setup dialogue of Magic Remote Server on a Mac and automatically switches off background control.

10. Settings

Here the sound output for

- iTunes and CD-player
- media player
- radio
- TV

can be set. Apart from this you can set whether your Mac should work as a radio or TV after launch.

11. Help

Starts the interactive help on an iPod.

12. Info

General information on the app such as the version number can be found here.

VII. Hints for the use of iTunes

When creating an offline database Magic Remote Server uses the current selection and sorting of iTunes. Therefore you have to make absolutely sure that music is selected as a playlist in iTunes. "Albums by Artists" is required for sorting. If you do not comply with it the offline databank will not contain all titles and/or the exact match of album to title will not be correct.

Furthermore all check marks like films, TV broadcasts etc. which are not needed should be deactivated while the database is created.

If your Mac has an SSD the iTunes database should be saved on the SSD. This ensures better handling even if the music files are saved on an external disc.

It is recommended to use intelligent playlists as there are often different spellings e.g. for interpreters. Thus an entry for the "Berliner Philharmoniker" could also comprise "Berlin Philharmonic Orchestra". If you put the playlists into folders you can build up a structure which enables you to find all titles quickly and with ease.

As every playlist has a sorting of its own you have to make sure that the view Cover Flow with the sorting "Albums by Artists" is active. Otherwise it might happen that albums are displayed several times in the Cover Flow mode.

At least all the following form fields have to be filled in so that playlists and sorting work properly.

The image shows a screenshot of the iTunes 'Amsterdam' dialog box, specifically the 'Sorting' tab. The dialog box has a title bar 'Amsterdam' and several tabs: 'Summary', 'Info', 'Video', 'Sorting', 'Options', 'Lyrics', and 'Artwork'. The 'Sorting' tab is active. The dialog is divided into two columns of text input fields. The left column contains: 'Name' (filled with 'Amsterdam'), 'Artist' (filled with 'Al Stewart'), 'Album Artist' (filled with 'Al Stewart'), and 'Album' (filled with 'Orange'). The right column contains: 'Sort Name' (filled with 'Amsterdam'), 'Sort Artist' (filled with 'Al Stewart'), 'Sort Album Artist' (filled with 'Al Stewart'), and 'Sort Album' (filled with 'Orange'). A red rectangular box highlights the 'Name', 'Artist', 'Album Artist', and 'Album' fields. Below these fields are two empty text input fields labeled 'Show' and 'Sort Show'. At the bottom of the dialog are four buttons: 'Previous', 'Next', 'Cancel', and 'OK'.

Often only the fields “Name” and “Artist” are filled.

To give an example: “Artist” might be **The Beatles** (the correct name of the band) and “Artist for sorting” would then be **Beatles**, so that they also turn up under B in the sorting. “Album artist” is filled in when the album was released by one artist. Even if another artist sings a title as a guest the album artist for this title would be the artist who released the album. Apart from this the option – part of a compilation – must not be selected.

Therefore samplers like Bravo Hits have no Album Artist. In this case you have to check mark the option – part of a compilation - .



In this example of an intelligent playlist all albums are listed which were released by Al Stewart. Singles of samplers are not shown as the Album Artist is used as a search criterion. In order to find albums which have “Al Stewart and the XXX” as Album Artist, the option – contains – and not – is – was selected.

Access to individual titles can be simplified and sped up considerably with well maintained ID-Tabs and playlists.

VIII. Version history

Vers.	Type *	Change
1.1 Pro	N	Playthrough mode
1.1	N	Mute with two fingertip
1.1	F	Fixed crash when saving output devices
1.1	N	Sleep mode
1.2	N	iTunes 11 support
1.2	F	Improved connection between client and server
1.2.1	F	Check whether all the necessary programs are available
1.2.1	F	Minor bug fixes
1.3	N	Cover Flow for playlists and artists
1.3	F	Minor Bugfixes
1.3.1	F	Fixed Import iTunes database bug
1.3.1	N	Support for audiobooks added
1.3.1	F	Fixed update error
1.4	N	Slideshow
1.4	N	Automatic search for updates
1.4.1	F	Slideshow bugfixes
1.4.2	N	Coverflow for iTunes 11

1.4.3	N	Works with iTunes 11.1
1.4.3	N	Remembers last playlist
1.4.3	N	Shows the title of the current song in coverflow mode with iTunes 11
1.4.3	N	Shows tracknumber on iPod (Pro only)
1.4.3	F	Errors in wireless connection no longer cause a crash
1.4.3	N/F	If necessary, reset handshake in Pure Music

* N = new feature

F = bugfix

IX. If something does not work

Magic Remote Server uses Applescript to control the other programmes.

Partly the commands used only work when the program to be controlled is in a certain mode, which cannot be queried exactly. Therefore it is very important to make the settings described above.

The scripts also take some time to be executed. iTunes especially becomes rather slow when the databases is large. If something does not work, don't panic and never ever press any further keys!

In rare cases it can happen that programs no longer respond to AppleScript commands. In this case, usually only helps to restart the Mac's.

When an update was installed, please check first if it was released for the use with Magic Remote Server.

The list of compatibility is to found under the following link:

<http://www.brapps.de/english/MagicRemote/CompList/index.html>

If the stereo equipment mute after a switch over e.g. to "radio" it can help to disconnect all cables (USB or Firewire and existing power supplies) from DAC.

After your Mac has been restarted and the cables have been reconnected the loudspeakers should be heard again.

A misconfiguration of the Audio-Midi-Setup, too, can spoil the pleasure of listening.

If this doesn't help either the only thing you can do is to turn to this site:

<http://www.brapps.de/english/contact/index.php>

In order to process your error message the following information is needed:

- An exact error description
- Version numbers of the programs in question
- Version numbers of OS X and iOS