

# Twonkymedia server

## Introduction

The Twonky media server turns your 'Home storage center' into a DLNA certified multimedia server. Easily watch your pictures or stream music and video over other devices such as mediaplayers, PS3 and many other DLNA compatible devices.

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## Basic setup

**Twonky MEDIA** Version 4.4.19 TwonkyMedia Configuration: other

Save Changes Cancel Restart server

Language: English  
Language in which configuration pages and the navigation tree on the media receiver will be presented.

Server name:   
Name of the media server as displayed by media receivers. By means of the macro %HOSTNAME% you can add the actual host name, e.g. TwonkyMedia [%HOSTNAME%].

Navigation Tree Setup: Simple default navigation  
There is the choice of selecting different pre-configured navigation trees or defining a customized tree structure. For small content libraries the simple navigation tree is sufficient. For large content libraries the advanced navigation tree provides a better structured tree which allows faster access to individual items. A customized navigation tree can be defined through the advanced setup.

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## First steps

Choose the language in which the configuration pages are presented.

**Server name** This is how your 'home storage center' will be displayed by media receivers.

**Navigation tree setup** Select a pre-configured navigation tree or define your own navigation tree.

Click **Save Changes** to confirm the changes.

**Note :** For large content libraries the advanced navigation tree provides a better structured tree.

## Sharing

**Twonky MEDIA** Version 4.4.19 TwonkyMedia Configuration: Sharing

Save Changes Cancel Rescan content directories

Content Locations:

<input checked="" type="checkbox"/>	/	All content types	Browse
<input checked="" type="checkbox"/>		All content types	Browse

Add new content directory

Directories where the server shall scan for content. Each directory can be limited to a certain content type. The default setting will scan for all content types. Sharing can be temporarily disabled by unchecking the directory.

Rescan in minutes:

This option specifies the rescan behavior of the server. If set to 0, automatic rescans are disabled. A positive value specifies the period between rescans of content directories in minutes. -1 enables the server to watch content directories automatically for new content without the need for rescans.

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**Rescan Content directories** Click on this button to start scanning the content directories.

**Content locations:** Add directories in which the server will scan for contents. To add a new location click **Browse** and select the directory.

The **Add new content directory** button allows to add even more directories in which the server will scan.

**Rescan in minutes:** The server will rescan the selected content directories every xx minutes. If set to 0 automatic rescans are disabled.

**Note :** Setting the rescan timer too low will affect the performance.

Click **Save Changes** to confirm the changes

## Clients

The screenshot shows the TwonkyMedia configuration page for Clients/Security. The interface includes a navigation sidebar on the left with sections for Basic Setup, Advanced Setup, and Support. The main content area has a header with the Twonky MEDIA logo and version 4.4.19, and a title bar for 'TwonkyMedia Configuration: Clients/Security'. Below the header are 'Save Changes' and 'Cancel' buttons. The 'User name:' and 'Password:' fields are empty. A note states: 'Set a user name and a password to restrict access to these configuration pages. Leave both entries empty for unrestricted access.' The 'Media Receivers:' section has a checked box for 'Enable sharing for new media receivers automatically' and a 'Reset list' button. A table lists 10 media receivers with their MAC addresses, device names, and IP addresses. The first 9 are 'Generic Media Receiver' with various IP addresses, and the 10th is '-/' with IP 169.254.0.253. A note at the bottom explains that the list shows media receivers that have contacted the server and that access can be restricted for each.

**Twonky MEDIA** Version 4.4.19  
TwonkyMedia Configuration: Clients/Security

Basic Setup  
First steps  
Sharing  
Clients/Security  
Internet Radio

Advanced Setup  
External applications  
Naming  
Music tree  
Photo tree  
Video tree  
Network  
Miscellaneous

Support  
Maintenance  
FAQ

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Save Changes Cancel

User name:

Password:

Set a user name and a password to restrict access to these configuration pages. Leave both entries empty for unrestricted access.

Media Receivers:  
Enable sharing for new media receivers automatically:  Reset list

<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.199
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.190
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.192
<input checked="" type="checkbox"/>	00:15:B7:D0:6D:EB	-/	192.168.0.197
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.194
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.198
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.193
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	192.168.0.191
<input checked="" type="checkbox"/>	<input type="text"/>	Generic Media Receiver	169.254.0.253
<input type="checkbox"/>	<input type="text"/>	-/	

Lists of media receivers that have contacted the server. For each media receiver, the access to the server can be restricted. Automatic receiver detection does not always work. In this case the server simply assigns "Generic DLNA client" and no client adaptation will take place. Media receivers that are not identified correctly can however be adapted manually by means of the drop down menu above. To delete an entry, please set it to -/.

To restrict other users from accessing the Twonky configuration pages enter a **username** and **password**. Leave both fields blank for unrestricted access.

**Media receivers** shows a list of media receivers that have contacted the server. From here access can be restricted for each media receiver.

**Enable sharing for new media receivers automatically** unchecking this box prevents the server to automatically share media with new receivers.

Click **Save Changes** to confirm the changes.

## Internet radio

**Twonky MEDIA** Version 4.4.19  
TwonkyMedia Configuration: Internet Radio

Save Changes Cancel Restart server

Internet Radio:  Shoutcast  vTuner  
Enable/disable Shoutcast internet radio.

Shoutcast genre filter:

<input type="checkbox"/> Alternative	<input type="checkbox"/> Classical	<input type="checkbox"/> 80's
<input type="checkbox"/> Comedy	<input type="checkbox"/> Country	<input type="checkbox"/> Dance
<input type="checkbox"/> Funk	<input type="checkbox"/> Jazz	<input type="checkbox"/> Metal
<input type="checkbox"/> Mixed	<input checked="" type="checkbox"/> Pop	<input type="checkbox"/> Rap
<input type="checkbox"/> RnB	<input type="checkbox"/> Rock	<input type="checkbox"/> Talk
<input type="checkbox"/> Techno	<input type="checkbox"/> 70's	<input type="checkbox"/> World

Shoutcast radio genres which shall be added to the station list.

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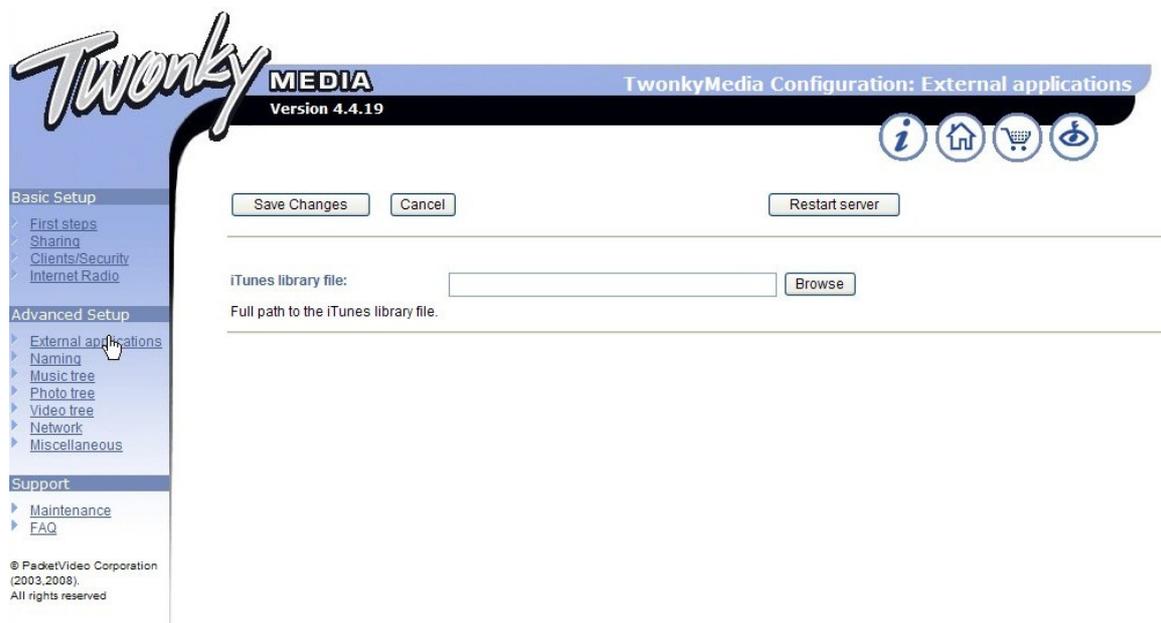
**Internet Radio** : Enable or disable shoutcast and vTuner internet radio

**Shoutcast Genre Filter** : Select the genre radiostations you would like to be able to play on any UPnP AV/ DLNA certified device.

Click **Save Changes** to confirm the changes.

# Advanced setup

## External Applications



**iTunes library file** : Browse to the folder on the Sitecom Home Storage Center where you have stored your iTunes™ music folder to be able to play on any UPnP AV/ DLNA certified device.

Click **Save Changes** to confirm the changes

# Naming



The screenshot shows the TwonkyMedia Configuration: Naming page. The interface includes a logo for Twonky MEDIA, version 4.4.19, and navigation icons for help, home, shopping, and user. The left sidebar contains a menu with sections: Basic Setup (First steps, Sharing, Clients/Security, Internet Radio), Advanced Setup (External applications, Naming, Music tree, Photo tree, Video tree, Network, Miscellaneous), and Support (Maintenance, FAQ). The main content area has buttons for 'Save Changes', 'Cancel', and 'Restart server'. Below these are several configuration sections, each with a label, a text input field, and a description:

- Standardize titles:**  Enable/disable standardization of titles and artists, e.g. changing "The Beatles" to "Beatles, The"
- Folder prefix string:**  Folder prefix string to be prefixed to all folder names in folder navigation to help you differentiate folders from content items at the media receiver.
- All Tracks:**  Name for 'All Tracks' folder (server default used if left empty).
- Playlists:**  Name of the playlists node in the navigation tree, leave empty if this node shall not be included in the navigation tree.
- Last played:**  Name of the auto generated playlist 'last played', leave empty if this playlist should not be added to the navigation tree.
- Most played:**  Name of the auto-generated playlist 'most played', leave empty if this playlist should not be added to the navigation tree.
- Shoutcast node:**  Name for Shoutcast Radio node, if left empty the server's default name will be used.
- All Photos:**  Name for 'All Photos' folder (server default used if left empty).
- All Videos:**  Name for 'All Videos' folder [server default used if left empty].
- Music:**  Name for Music root folder, leave empty to suppress this folder.

On this page you can change the default names of nodes in navigation trees.

Click **Save Changes** to confirm the changes

# Music/Photo/Video Tree

**Twonky MEDIA** TwonkyMedia Configuration: Music tree  
Version 4.4.19

Basic Setup: [First steps](#), [Sharing](#), [Clients/Security](#), [Internet Radio](#)

Advanced Setup: [External applications](#), [Naming](#), [Music tree](#), [Photo tree](#), [Video tree](#), [Network](#), [Miscellaneous](#)

Support: [Maintenance](#), [FAQ](#)

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Save Changes Cancel Restart server

	Name	Type	ABC	
Music node 1:	<input type="text" value="Artist"/>	Artist	-	Add level
Music node 2:	<input type="text" value="Genre"/>	Genre	-	Add level
Music node 3:	<input type="text" value="Album"/>	Album	-	Add level
Music node 4:	<input type="text" value="Folder"/>	Folder	-	Add level
Music node 5:	<input type="text"/>		-	Add level

Add node

An individual music navigation tree with up to 10 nodes may be specified by this option. For each node the name to be presented in the navigation tree is

Navigation Tree Setup:

There is the choice of selecting different pre-configured navigation trees or defining a customized tree structure. For small content libraries the simple navigation tree is sufficient. For large content libraries the advanced navigation tree provides a better structured tree which allows faster access to individual items. A customized navigation tree can be defined through the advanced setup.

**Twonky MEDIA** TwonkyMedia Configuration: Photo tree  
Version 4.4.19

Basic Setup: [First steps](#), [Sharing](#), [Clients/Security](#), [Internet Radio](#)

Advanced Setup: [External applications](#), [Naming](#), [Music tree](#), [Photo tree](#), [Video tree](#), [Network](#), [Miscellaneous](#)

Support: [Maintenance](#), [FAQ](#)

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Save Changes Cancel Restart server

	Name	Type	ABC	
Photo node 1:	<input type="text" value="Folder"/>	Folder	-	Add level
Photo node 2:	<input type="text" value="Date"/>		-	Add level
Photo node 3:	<input type="text"/>		-	Add level

Add node

An individual photo navigation tree with up to 5 nodes may be specified by this option. For each node the name to be presented in the navigation tree is

Navigation Tree Setup:

There is the choice of selecting different pre-configured navigation trees or defining a customized tree structure. For small content libraries the simple navigation tree is sufficient. For large content libraries the advanced navigation tree provides a better structured tree which allows faster access to individual items. A customized navigation tree can be defined through the advanced setup.

**Twonky MEDIA** TwonkyMedia Configuration: Video tree  
Version 4.4.19

Basic Setup: [First steps](#), [Sharing](#), [Clients/Security](#), [Internet Radio](#)

Advanced Setup: [External applications](#), [Naming](#), [Music tree](#), [Photo tree](#), [Video tree](#), [Network](#), [Miscellaneous](#)

Support: [Maintenance](#), [FAQ](#)

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Save Changes Cancel Restart server

	Name	Type	ABC	
Video node 1:	<input type="text" value="Folder"/>	Folder	-	Add level
Video node 2:	<input type="text"/>		-	Add level

Add node

An individual video navigation tree with up to 5 nodes may be specified by means of this option. For each node the name to be presented in the navigation tree is

Navigation Tree Setup:

There is the choice of selecting different pre-configured navigation trees or defining a customized tree structure. For small content libraries the simple navigation tree is sufficient. For large content libraries the advanced navigation tree provides a better structured tree which allows faster access to individual items. A customized navigation tree can be defined through the advanced setup.

On this pages you can change the number of nodes in the specific navigation tree by adding extra nodes and types

# Network

Twonky MEDIA  
Version 4.4.19  
TwonkyMedia Configuration: Network

Save Changes Cancel Restart server

Restart on NIC changes:   
Enable/ disable dynamic restart of the server on any NIC change. Note that server restart will result in stream interruption!

IP address of the server:   
This option should only be used, if DHCP is NOT in use! If an IP address is specified the server will not automatically bind to all network interfaces, but just to the specified ones. Please note, if this address is invalid the server will not start anymore!

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**IP Address of the server :** You can set the IP address if the Sitecom Home Storage Center is not connected to a DHCP server ie a router.

Click **Save Changes** to confirm the changes

# Miscellaneous



Version 4.4.19

TwonkyMedia Configuration: Miscellaneous



## Basic Setup

- First steps
- Sharing
- Clients/Security
- Internet Radio

## Advanced Setup

- External applications
- Naming
- Music tree
- Photo tree
- Video tree
- Network
- Miscellaneous

## Support

- Maintenance
- FAQ

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Save Changes

Cancel

Restart server

Ignore directories:

AppleDouble,AppleDB,AppleDesktop,TemporaryIte

Comma separated list of directories which shall be ignored during content scans (substring match). If this setting is changed a 'rebuild database' is required!

Compilation directories:

Compilations,Sampler

Comma separated list of directories (or substrings) which shall be handled as music compilations

Randomize playlists:

If this option is enabled the server will randomize .m3u files on startup. This option should only be used if media receivers do not directly support shuffle mode.

Streaming Buffer Size:

16384

Buffer size in bytes which is used for streaming. Change this only if you experience video streaming problems. Value should be between 16000 and 128000.

Cache directory:

/usr/local/TwonkyVision/twonkymedia.db/cache

Browse

The server caches transcoded songs and scaled photos to enable faster access to frequently used items. The directory where these items are stored can be set by means of this option.

Maximum cache size:

This is the maximum size of the cache in KB. If there is more space needed the oldest not used file from the cache is deleted first. If an empty string is specified, the cache size is not limited.

Disable photo rescaling:

With this option photo rescaling can be suppressed. This option is mainly needed for NAS devices with low CPU and memory.

Click **Save Changes** to confirm the changes

## Maintenance

**Twonky MEDIA** Version 4.4.19  
TwonkyMedia Configuration: Maintenance

Save Changes Cancel Restart server Rebuild database Reset to defaults

Log level:

System  SSDP  DB  
 HTTP  Client  Eventing  
 XML  Plugin  Scan

Clear logs View log file

Specify the kind of information to log for debugging purposes. If you click the button "view log file", the content of the current log file will be presented in a separate browser window.

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On this page you can turn on logging in different formats. The 'rebuild database' button will rebuild the database build by twonky from the indexed content.