
Manual



MajesticSoft - Domotica

XBMC service.X10-lights

Domotica

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| APPROVALS | | | |
|---------------------|---------------------|-----------|---------|
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| Customer name | Name | Signature | Date |
| Function: | N/A | N/A | N/A |

| Revision | Issue Date | Revision Description |
|----------|------------|----------------------|
| 0a | 16SEP11 | Initial release |

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2. Document control

2.1 Revision History

| Date | Details | Author | Version |
|---------|-----------------|--------------|---------|
| 16SEP11 | Initial Release | Majesticsoft | 0a |

2.2 Document Distribution

| Date | Details | Version |
|---------|----------|---------|
| 16SEP11 | Internet | 0a |

2.3 Reference documents

| Title | Document reference |
|--|---|
| [1] X10 ActiveHome | http://www.x10.com/activehomepro/activehome-pro.html |
| [2] X10 Commander | http://melloware.com/products/x10commander/ |
| [3] X10 Commands | http://forums.x10.com/index.php?topic=21436.msg120624#msg120624 |
| [4] X10 http get | http://forum.melloware.com/viewtopic.php?f=13&t=7718&start=0&highlight=http+get |
| [5] XBMC | http://xbmc.org/ |
| [6] XBMC services | http://wiki.xbmc.org/index.php?title=HOW-TO:Automatically_start_addons_using_services |
| [7] XBMC Addon Developers guide | http://code.google.com/p/xbmc-gpodder-integration/downloads/detail?name=XBMC%20Addon%20Developers%20Guide%20-R7.pdf&can=2&q= |
| [8] Send commands through http via python (thaux to aptalca) | http://forum.xbmc.org/showthread.php?t=101300&highlight=EventG+host+lights |
| [9] Player interaction (thaux to klabbe) | http://forum.xbmc.org/showthread.php?t=67546 |

2.4 Reference software

| Title | Link |
|---|---|
| [10] X10 ActiveHome SDK drivers (x10.com) | http://www.x10.com/activehomepro/sdk/index.html |
| [11] X10 Commander - server (Melloware) | http://melloware.biz/download/warez/x10-server.zip |
| [12] X10 Lights (XBMC service addon) | http://domotica.majesticsoft.nl/X10-lights/service.X10-lights.zip |
| [13] XBMC (release 11.x) | http://mirrors.xbmc.org/nightlies/win32/ |

3. Introduction

3.1 Purpose of this document

The purpose of this document is to explain how to install and configure the XBMC X10 lights service ADDON .

3.2 The public concerned

People who have the need for simple domotica control when using XBMC and watching a video.

3.3 Prerequisites

- X10 commander installed on a PC (IP address is known) (see reference's [10] and [11])
- XBMC installed (we tested with [XBMCSetup-20110914-ae8fc95-master.exe](#)) (see reference [13])
- X10 computer interface (we tested with CM15pro, but any type supported by X10 Commander should work)

3.4 Scope

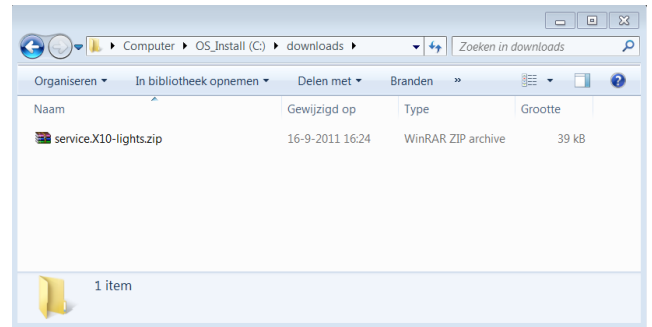
- All tests were executed on a Windows 7 ultimate platform (X10 commander, XBMC)
- The X10 commander was installed on a different system then XBMC
- Usage is at own risks

4. Install

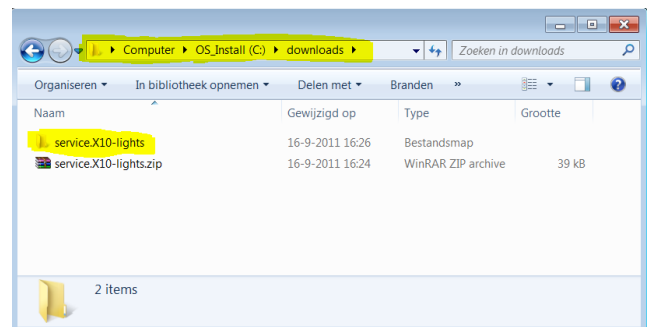
Make sure you have downloaded the service addon, *service.X10-lights.zip* (see reference [12])
For this document we assume that the prerequisites (chapter 3.3) are met and the *service.X10-lights.zip* file is downloaded on C:\downloads

To install execute the following actions:

- Extract the *service.X10-lights.zip* file.

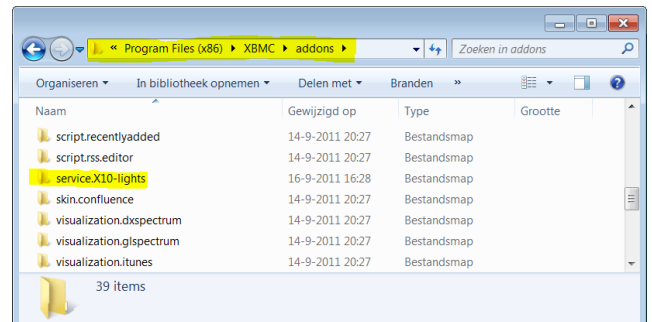


- a new directory will be created:
service.X10-lights



- Copy or Move this directory
service.X10-lights to
C:\Program Files (x86)\XBMC\addons

The addon is installed



The addon is now installed, if you left XBMC running during the instalment, it will become available after a new startup of XBMC.

5. Configure and usage

Make sure XBMC is restarted, after the addon was installed.

For a good explanation of the configuration, we assume the following:

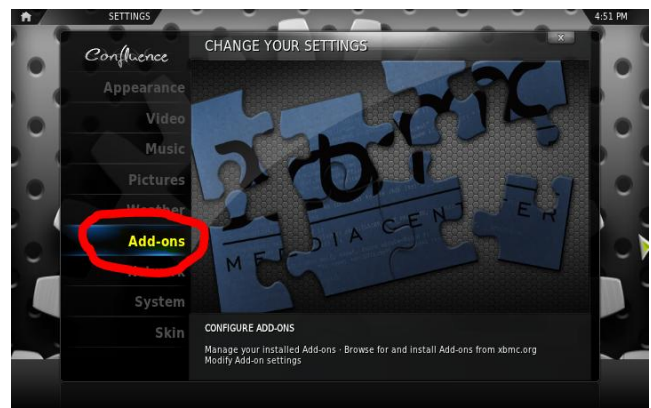
- X10 commander is installed on a PC with IP address: **192.168.1.100**
- The X10 Device ID of the Lamp module which should be controlled is: **M9**

To configure execute the following actions:

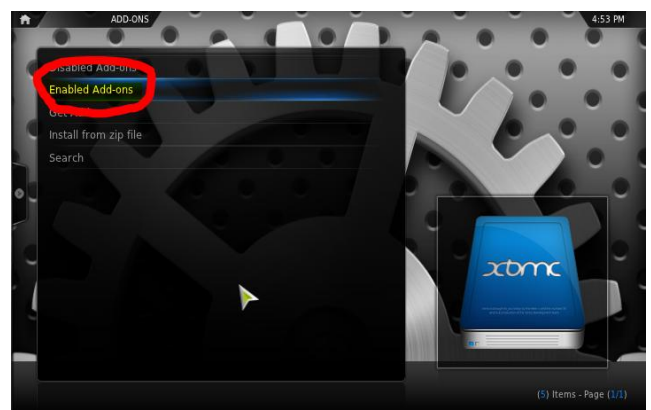
- **Navigate to System -> Settings**



- **Select, Add-ons.**

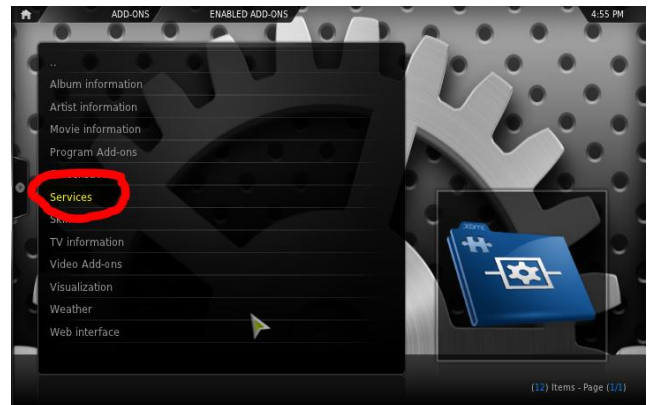


- **Select, Enabled Add-ons.**

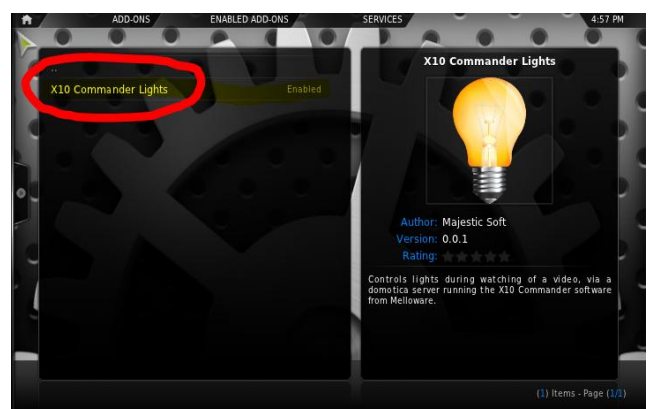


➤ **Select, Services.**

The active Service add-ons will be shown.



➤ **Select, X10 Commander**



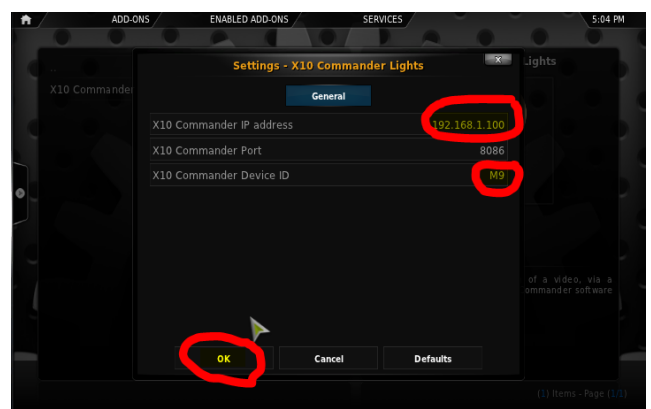
➤ **Select, Configure**



➤ **Type in, the IP number of the PC where X10 commander is installed and the X10 Device ID you want to control . Then Click OK**

Remark:

If you have X10 commander installed on the same PC as XBMC is installed, then the default IP address (127.0.0.1) should be already correct.



The addon is now configured and ready for use.

The following will happens with the X10 Device when you use the Addon:

When XBMC starts:

- Light On
- To 100% Brightness
- Then Dim 50%

When a video starts:

- Dim 100%

When a video pauses:

- Bright 50%

When a video resumes:

- Dim 100%

When a video stops:

- Bright 50%

When a video aborts:

- Bright 50%

When XBMC stops:

- Dim 100%
- Light Off

6. Known Issues

The following issues are known:

1. **DESCRIPTION:**

When started for the first time and X10 commander is installed on a different PC the Add-on generates an error.

SOLUTION:

After configuration is done, this should not happen anymore.

2. **DESCRIPTION:**

When starting and stopping (ON/OFF signals) it seems that all X10 items are switched.

SOLUTION:

None (Or, but this is unrealistic, use only one X10 device in your system).

7. Uninstall

To uninstall remove the directory:

service.X10-lights

From:

C:\Program Files (x86)\XBMC\addons

If configurations are changed then also delete the directory:

service.X10-lights

From:

C:\Users\[USERNAME]\AppData\Roaming\XBMC\userdata\addon_data

Where:

[USERNAME] = the user(s) under which you have configured the Addon