
Manual



Majesticsoft - Domotica

XBMC service.X10-lights

Domotica

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APPROVALS			
Majesticsoft	Name	Signature	Date
Author:	Majesticsoft	N/A	20SEP11
Project manager:	Majesticsoft	N/A	20SEP11
Customer name	Name	Signature	Date
Function:	N/A	N/A	N/A

Revision	Issue Date	Revision Description
0a	16SEP11	Initial release
0b	18SEP11	Added additional configuration settings
0c	20SEP11	Added HomeSeer Application

1. Table of Contents

1.	Table of Contents	2
2.	Document control	3
2.1	Revision History	3
2.2	Document Distribution	3
2.3	Reference documents	3
2.4	Reference software.....	3
3.	Introduction.....	4
3.1	Purpose of this document	4
3.2	The public concerned	4
3.3	Prerequisites	4
3.4	Scope	4
4.	Install	5
5.	Configure and usage	6
6.	Known Issues.....	10
7.	Uninstall	11

2. Document control

2.1 Revision History

Date	Details	Author	Version
16SEP11	Initial Release	Majesticsoft	0a
18SEP11	Updated chapters 5 and 6	Majesticsoft	0b
20SEP11	Updated chapters 5 and 6	Majesticsoft	0c

2.2 Document Distribution

Date	Details	Version
16SEP11	Internet	0a
18SEP11	Internet	0b
20SEP11	Internet	0c

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 Add-on 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 (thanx to aptalca)	http://forum.xbmc.org/showthread.php?t=101300&highlight=EventG+host+lights
[9] Player interaction (thanx 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/
[14] tenHsServer (for HomeSeer users)	http://www.tenholder.net/tenWare2/tenHsServer/default.aspx

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]) OR HomeSeer with tenHsServer (see reference's [14]) installed
- 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 or HomeSeer should work)

3.4 Scope

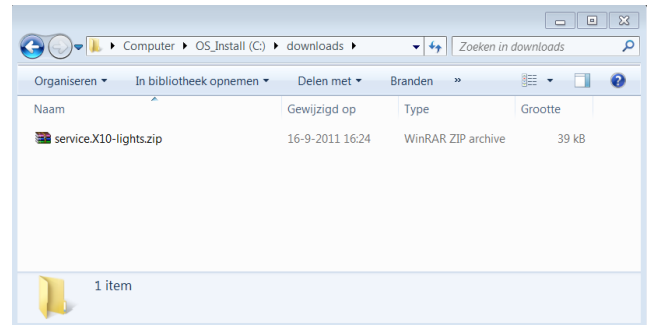
- All tests were executed on a Windows 7 ultimate platform (X10 commander, XBMC)
- The X10 commander was installed on a different system then XBMC
- Usage is at own risks

4. Install

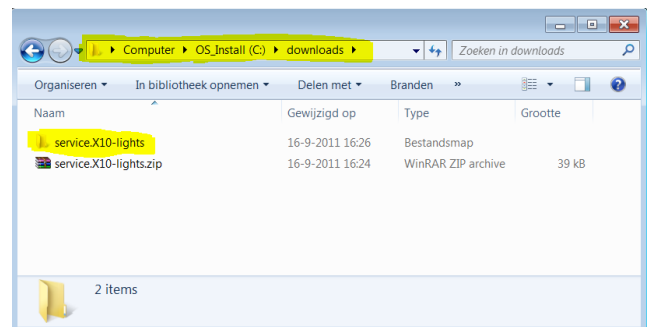
Make sure you have downloaded the service add-on, *service.X10-lights.zip* (see reference [12])
For this document we assume that the prerequisites (chapter 3.3) are met and the *service.X10-lights.zip* file is downloaded on C:\downloads

To install execute the following actions:

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

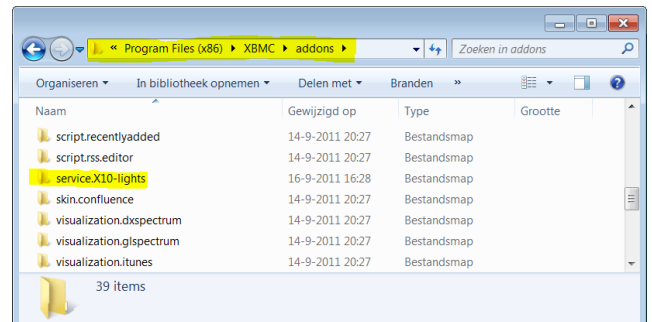


- a new directory will be created:
service.X10-lights



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

The add-on is installed



The add-on 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 add-on was installed.

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

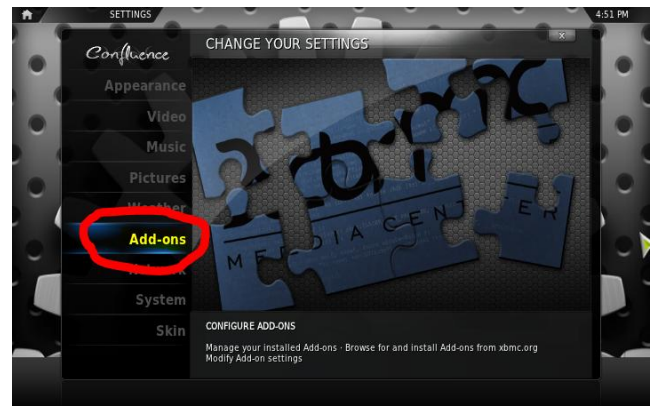
- X10 commander is installed on a PC with IP address: **192.168.1.100**
- The X10 Device ID of the Lamp module which should be controlled is: **M9**

To configure execute the following actions:

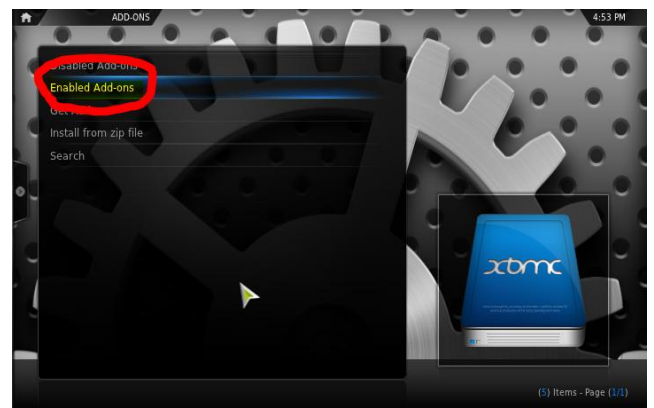
- **Navigate to System -> Settings**



- **Select, Add-ons.**

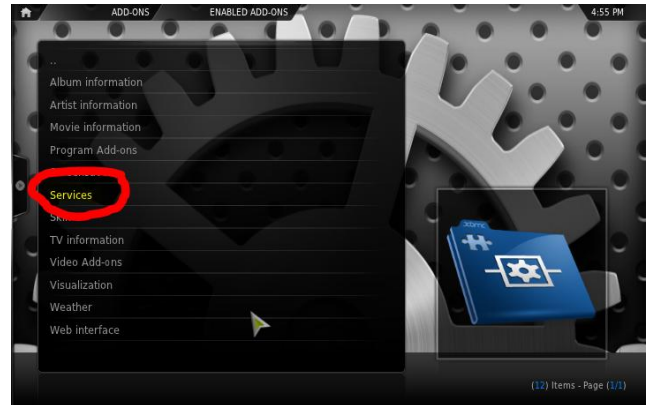


- **Select, Enabled Add-ons.**



➤ **Select, Services.**

The active Service add-ons will be shown.



➤ **Select, X10 Commander**



➤ **Select, Configure**



➤ **Type in, Under host, the IP number of the PC where X10 commander is installed
Then select X10 Devices.**

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.

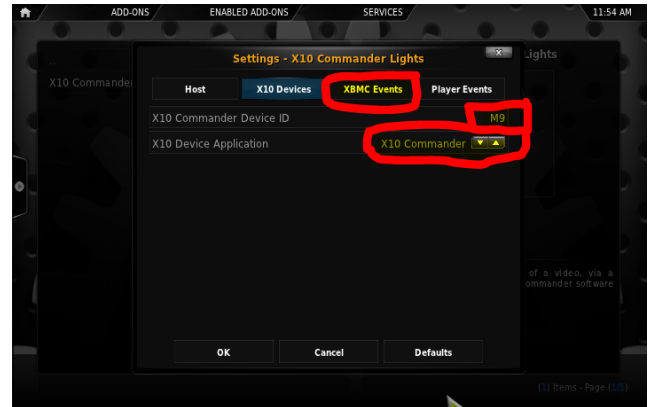
The port number

X10-Comander - 8086 (even if X10 screens says otherwise)
HomeSeer - 80 (if HomeSeer is installed with a different portnumber, then use that one)

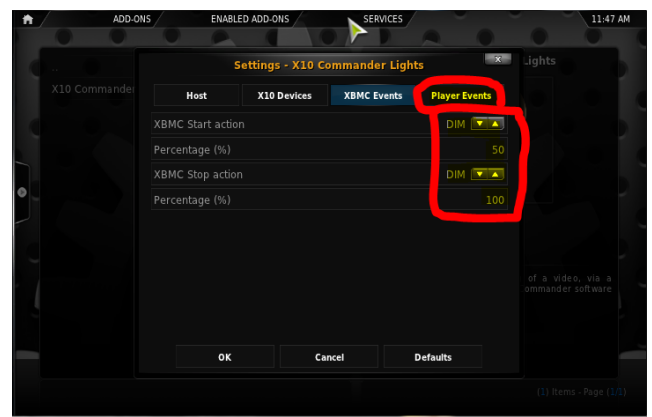


- **Type in**,The X10 Device ID and the application used to control the X10 device. Then select **XBMC EVENTS**.

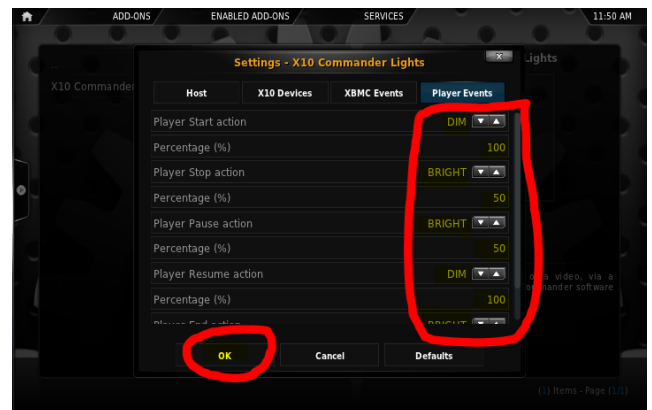
Remark:
Currently only X10 commander and HomeSeer can be selected as X10 Device application.



- **Adjust**,The XBMC settings to your likings Then select **PLAYER EVENTS**.



- **Adjust**,The PLAYER settings to your likings Then Click **OK**.



The add-on is now configured and ready for use.
Restart XBMC and play a video, the next page explains what will happen to you X10 device

The following will happen with the X10 Device when the Add-on is used:

XBMC EVENTS:

When XBMC starts:

- Device On (*initialisation*)
- To 100% Brightness (*initialisation*)
- Control Device to desired XBMC Start settings (*default: Dim 50%*)

When XBMC stops (*see known issue 2*):

- Control Device to desired XBMC Stop settings (*default: Dim 100%*)
- Device Off (*this is a fixed last action*)

PLAYER EVENTS

When a video starts:

- Control Device to desired Player Start settings (*default: Dim 50%*)

When a video stops:

- Control Device to desired Player Stop settings (*default: Bright 50%*)

When a video ends:

- Control Device to desired Player End settings (*default: Bright 50%*)

When a video pauses:

- Control Device to desired Player Pause settings (*default: Bright 50%*)

When a video resumes:

- Control Device to desired Player Start settings (*default: Dim 50%*)

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:

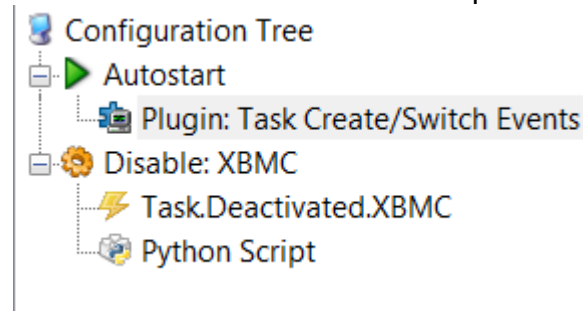
After configuration is done, this should not happen anymore.

2. **DESCRIPTION:**

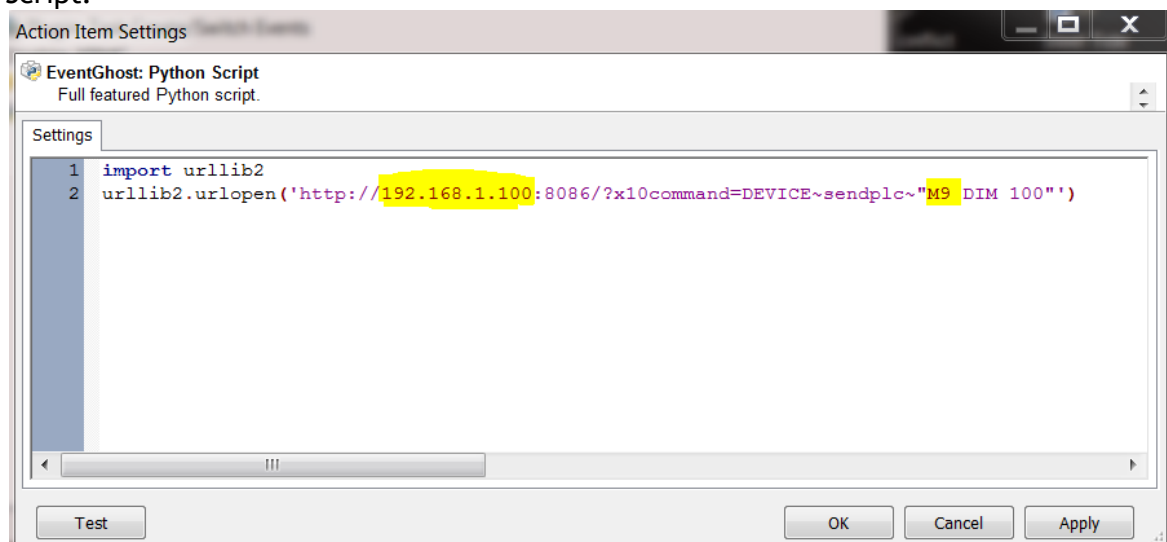
When stopping the XBMC stop event does not work, this seems to be XBMC issue with the xbmc.abortRequested event ([which is advised when using service Add-Ons](#)) and is not solved yet.

SOLUTION:

Install EventGohst and create a Stop XBMC event



Script:



7. Uninstall

To uninstall remove the directory:

service.X10-lights

From:

C:\Program Files (x86)\XBMC\add-ons

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 Add-on