
Manual



Majesticsoft - Domotica

XBMC service.X10-lights

Domotica

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APPROVALS			
Majesticsoft	Name	Signature	Date
Author:	Majesticsoft	N/A	16SEP11
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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
0b	18SEP11	Added additional configuration settings

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2. Document control

2.1 Revision History

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

2.2 Document Distribution

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

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&hilit=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 (thax to aptalca)	http://forum.xbmc.org/showthread.php?t=101300&highlight=EventG
[9] Player interaction (thax 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

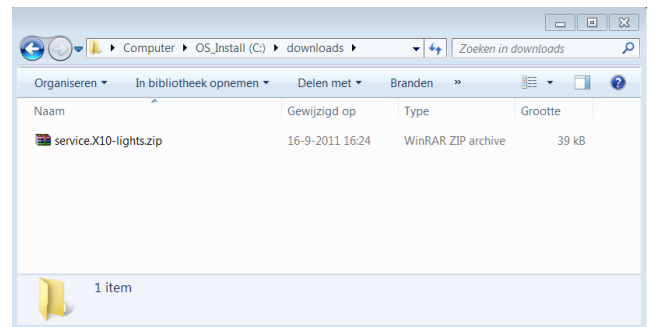
- All tests were executed on a Windows 7 ultimate platform (X10 commander, XBMC)
- The X10 commander was installed on a different system then XBMC
- Usage is at own risks

4. Install

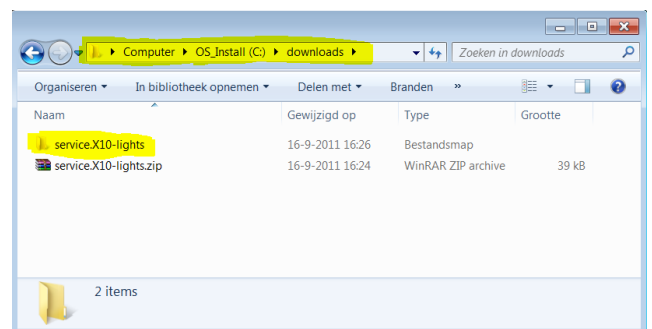
Make sure you have downloaded the service add-on, *service.X10-lights.zip* (see reference [12])
For this document we assume that the prerequisites (chapter 3.3) are met and the *service.X10-lights.zip* file is downloaded on C:\downloads

To install execute the following actions:

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

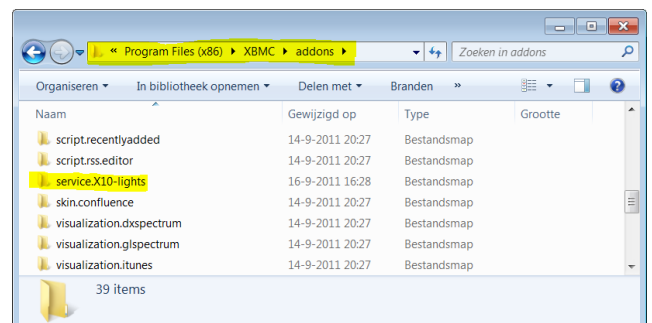


- a new directory will be created:
service.X10-lights



- 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

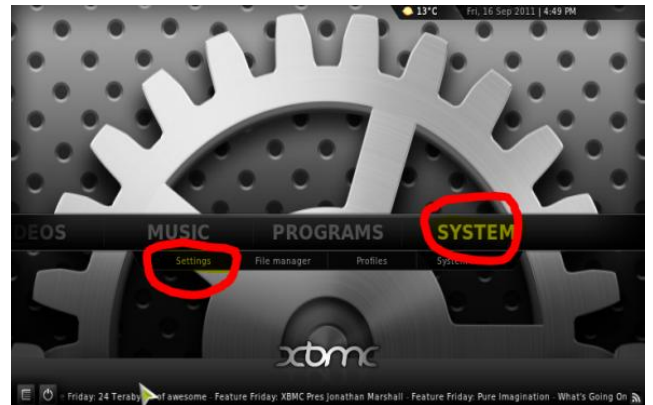
Make sure XBMC is restarted, after the add-on was installed.

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

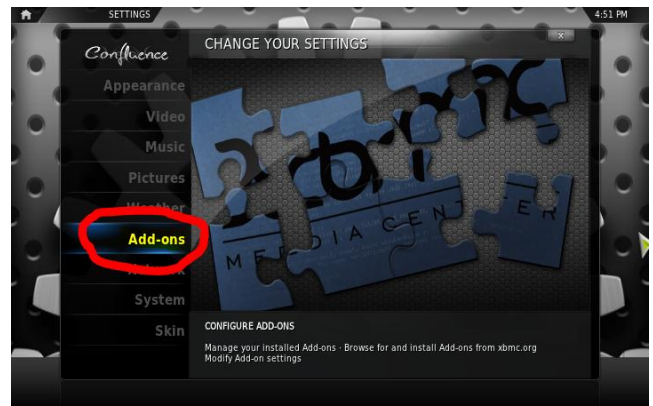
- X10 commander is installed on a PC with IP address: **192.168.1.100**
- The X10 Device ID of the Lamp module which should be controlled is: **M9**

To configure execute the following actions:

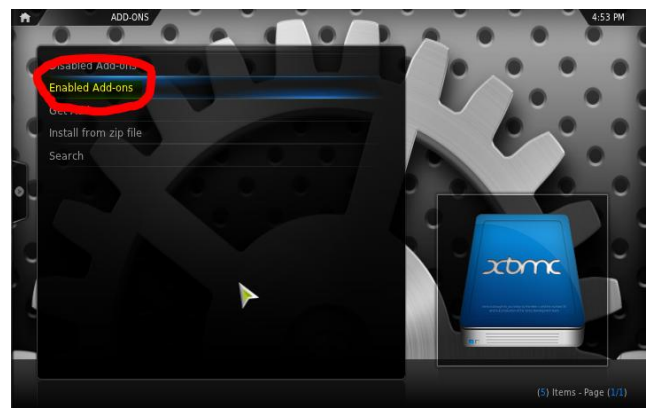
- **Navigate to System -> Settings**



- **Select, Add-ons.**

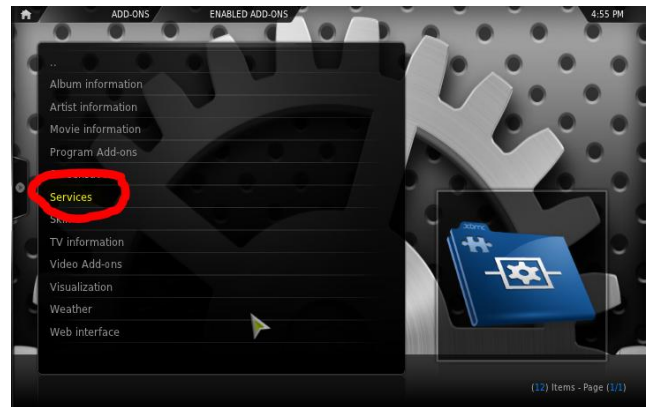


- **Select, Enabled Add-ons.**



➤ **Select, Services.**

The active Service add-ons will be shown.



➤ **Select, X10 Commander**



➤ **Select, Configure**

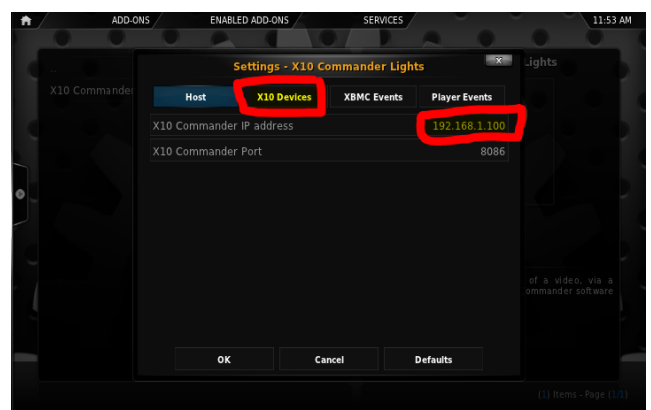


➤ **Type in, Under host, the IP number of the PC where X10 commander is installed
Then select X10 Devices.**

Remark:

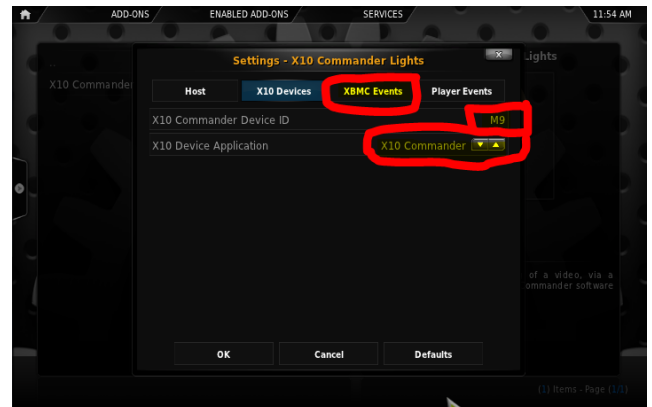
If you have X10 commander installed on the same PC as XBMC is installed, then the default IP address (127.0.0.1) should be already correct.

The port number should be correct, change this only if you have changed something in X10-commander

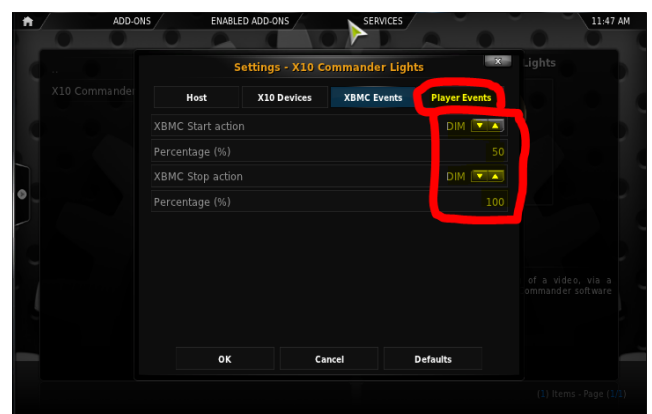


- **Type in**,The X10 Device ID and the application used to control the X10 device. Then select **XBMC EVENTS**.

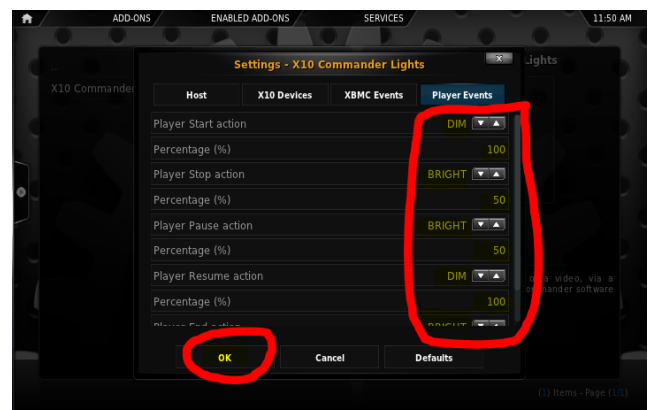
Remark:
Currently only X10 commander can be selected as X10 Device application.



- **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:

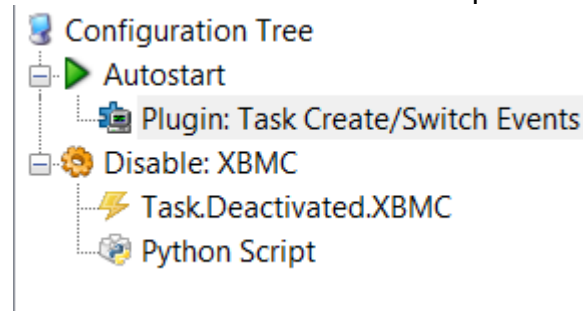
After configuration is done, this should not happen anymore.

2. **DESCRIPTION:**

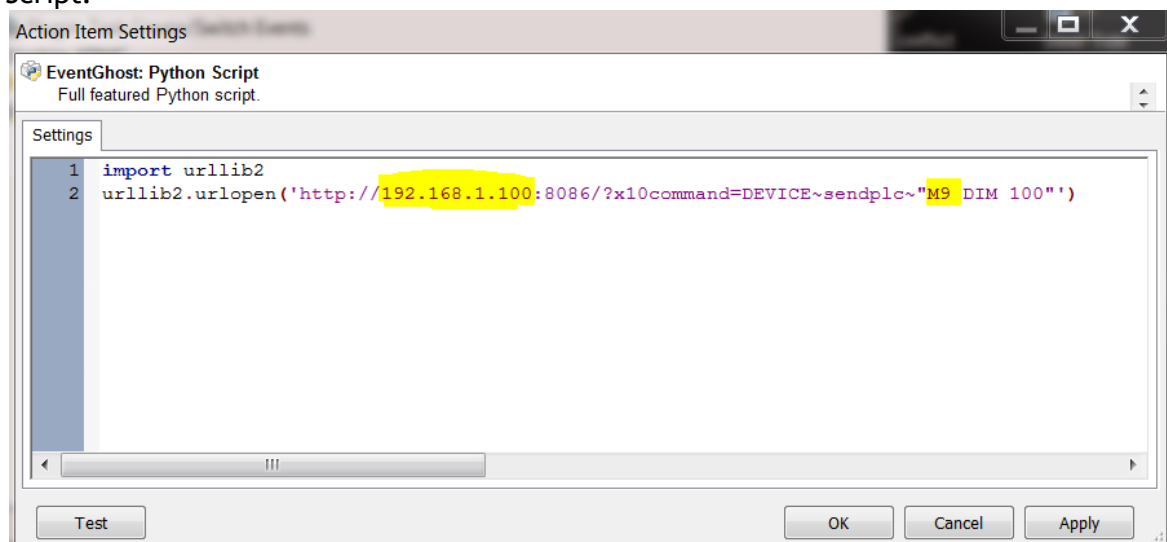
When stopping the XBMC stop event does not work, this seems to be XBMC issue with the xbmc.abortRequested event ([which is advised when using service Add-Ons](#)) and is not solved yet.

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