

# Radio times EPG Emulator

There are three significant bugs with CrossEPG downloader:

- 1. When using a motorised dish, there is a false lock when moving east for 28.2e
- 2. Combining OpenTV EPG data with Rytec data using EPG importer usually results in corrupt EPG.
- 3. CrossEPG uses first matching namespace for each {nid,tsid,sid} combination and uses it for all satellites

To work around these issues, a radio times EPG emulator has been created to obtain OpenTV EPG data and provide it to the EPG importer plugin. You will need to use EPG Importer after fetching the EPG data.

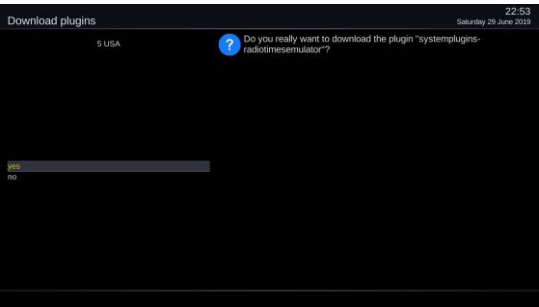
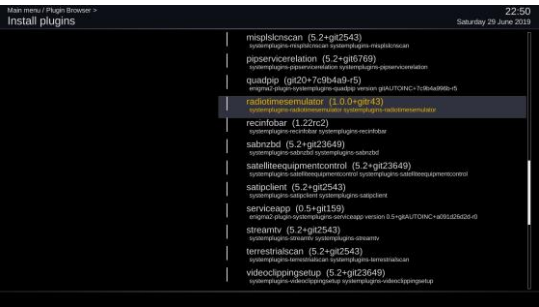
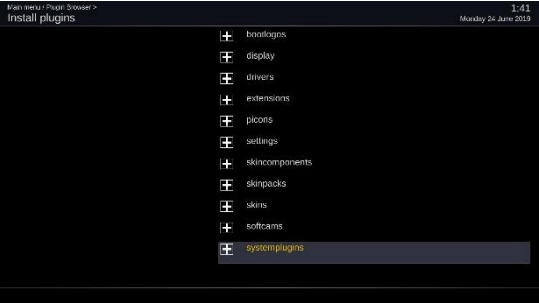
If you only use CrossEPG downloader for 28.2, there is no benefit to switching to these plugins.

## Installation:

(From openvix 5.2 044 and other OE-A images from 24/6/2019)

Coming soon to OpenPLI

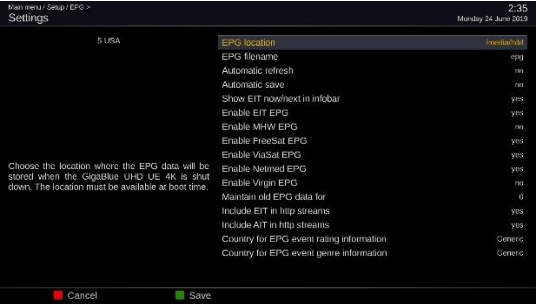
Menu > Plugins > Green (Download) > Scroll to "System plugins" > radiotimesemulator > Confirm the installation



Restart the GUI after installation completes

# General EPG settings:

As normal, make sure EPG is set to a storage device and not the internal flash memory



Menu > Setup > EPG > Settings> EPG location> Change to the mount point you want to use > Save  
If you only have a USB stick connected, it will be mounted as /media/HDD on some images

Most PLi images will be  
Menu > Setup > System > GUI Settings > EPG settings

# Radio Times Emulator settings:

Menu > Setup > EPG > Radio Times Emulator OpenTV Emulator Import

Some PLi images will be: Menu > Plugins > Radio Times Emulator OpenTV Emulator Import



Change the database location to where the OpenTV EPG files will be downloaded to. (This is not EPG cache!)

Enable the providers for which you want to fetch EPG. The options are dependent on your tuner configuration.

Leave next two options off unless your receiver has issues with polling. Zgemmas, Xtrend, Spycat, Mutant

You can set a timer for fetching the OpenTV EPG. Make sure it is before EPG importer.

Enter time and how frequent you want the download to occur. Daily, every three days or weekly.

If you have a single tuner receiver, best to choose a time when you are not using the receiver.

In the example pictured, it is set daily at 13:10.

Press “Yellow” to perform an immediate download.

The process requires a free tuner to complete. If you don't have a tuner free, the picture will go black while it processes.

Once the radiotimes emulator has run, it will fetch the EPG data as well as create a provider for EPG importer.

# EPG importer settings:

Setup EPG importer plugin

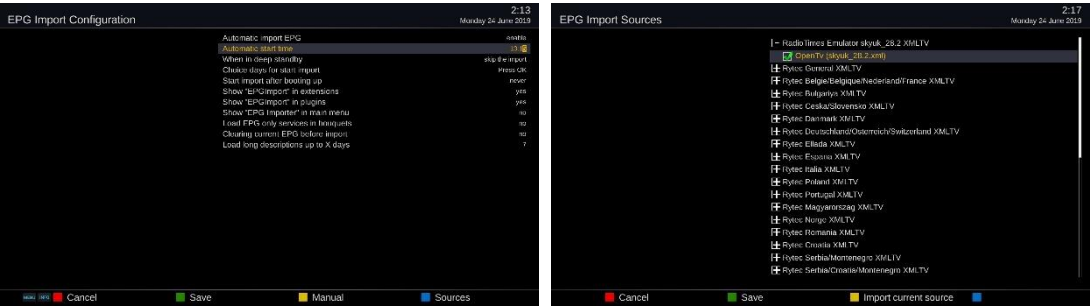
Menu > Setup > EPG > EPG-Importer

PLi images will be: Menu > Plugins > EPG Import

## Stage 1:

Set up the main settings, like time, number of days, etc.

On this screenshot, I have set it to 13:15



## Stage 2:

Set up the provider/s

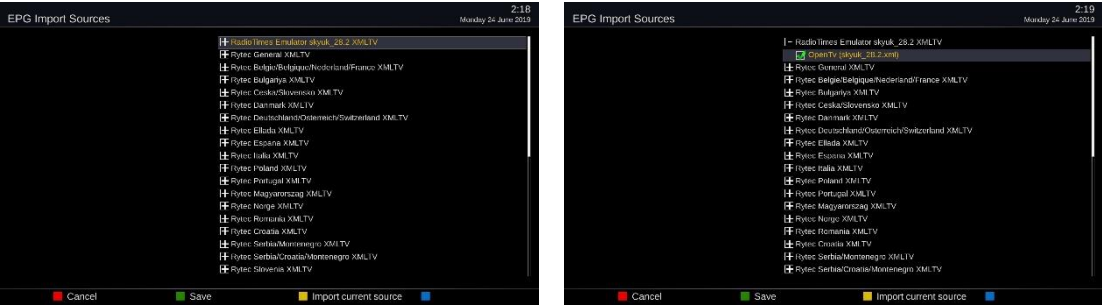
While in the EPG-Importer main setup page, press Blue for the sources

Highlight "Radiotimes Emulator....." and press OK to expand the list

Press OK to ensure that "OpenTV...." has a tick

Only enable other Rytec providers that will not clash.

Green to save



## Stage 3:

Initial download.

Once you set up your sources, you will be returned to the previous screen.

You can manually download the ones you enabled instead of waiting for the automated time.

Press Yellow (Manual/Download)

EPG Importer will then fetch the selected providers.



It will then run on the days/time you have set.

RadioTimes XMLTV Emulator  
by LraiZer

GUI  
By Huevos

## Radio Times Emulator GUI - About

2:45  
Monday 24 June 2019

Radio Times Emulator Gui (c) 2019  
<https://github.com/oe-alliance/oe-alliance-plugins>  
<http://www.world-of-satellite.com>

Application credits:  
- Huevos (GUI developer)

Sources credits:  
- Radio Times Xmltv Emulator binary  
- LraiZer (binary developer)  
- <https://github.com/LraiZer/RadiotimesXmltvEmulator/>  
- Binary derived from CrossEPG open source code

 Exit