

# **STB NV**

**Appendix to Operation Manual  
IPTV Playlist Creation**

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**Full HD Media Center**

IPTV service operation is backed up by playlists in .xspf format. For full IPTV service functionality, playlist should be formatted and adapted for a certain operator. Specify the following parameters for each playlist channel:

- location – multicast group parameters, specified as **protocol://@ip\_address:port**
- title – channel name to be displayed in the channel list
- image – channel logo address to be downloaded and displayed in the channel list Logo should be in *png* format, recommended resolution 96x96px. This parameter is optional
- psfile – program schedule file name for each channel in the archive of the program schedule If this parameter is missing or its value mismatches the file name in the archive, program schedule for this channel will not be available.
- sound\_track – select playback mode for stream audio track Optional. For most cases, description of this parameter is not required. Possible values: stereo, mono\_left, mono\_right
- shift – time shift in minuter for a certain channel
- vlc:id – channel ID for this playlist
- vlc:node title="category\_name" – split channels into categories

After creation of playlist with the desired parameters, upload it to server specified in settings or use it locally by placing it into STB "playlists" folder.

Example of playlist file:

```
<?xml version="1.0" encoding="UTF-8"?>
<playlist>
<trackList>
<track>
  <location>udp://@233.7.70.68:5000</location>
  <title>Россия 24</title>
  <image>http://www.cn.ru/data/tv/channels/vesti.png?m=20101223163605</image>
  <psfile>Россия_24</psfile>
  <extension application="http://www.videolan.org/vlc/playlist/0">
  <vlc:id>2</vlc:id>
  </extension>
</track>
<track>
  <location>udp://@233.7.70.22:5000</location>
  <title>РБК</title>
  <image>http://www.cn.ru/data/tv/channels/rbk.png?m=20101223163605</image>
  <psfile>РБК</psfile>
  <sound_track>mono_left</sound_track>
  <shift>-120</shift>
  <extension application="http://www.videolan.org/vlc/playlist/0">
  <vlc:id>3</vlc:id>
  </extension>
</track>
.....
</trackList>
<extension application="http://www.videolan.org/vlc/playlist/0">
  <vlc:node title="Эфир">
    <vlc:item tid="2" />
  </vlc:node>
</extension>
```

```
<vlc:item tid="3" />
...
</vlc:node>
</extension>
</playlist>
```