

The channel list upload, create/edit

In the internal software. Editing the channel list

- Enter to "IPTV Channels"
- activate the menu by pressing the «menu» on the remote control.
- In the menu select "GROUP" → "Edit Mode".
- "New Entry" (blue button on the remote control).
- In the dialog box enter the necessary data.



To enter characters you can use the number buttons remote control, onscreen keyboard (button «KB» on the remote control) or a standard keyboard connected to USB port.

- Name: Channel name (actual or desired).
- URL: «solution» «URL address channel».
- Save your entries - «Save».

To edit the channel select «Edit Entry» (yellow button on the remote control).

To delete the channel select «Delete Entry» (The green button on the remote control).

- Exit the edit mode «Quit» (The red button on the remote control).
- Confirm to save changes.

«Solution»

(«Solution»)specification is used to display access to the video stream selected in the channel (this channel). Specification of access, is a string that specifies how to access this resource.

More information can be found in the document: [JS API MAG200 \(Rev 1.20\).pdf](#) (Section stb.PlaySolution. page 19.) (Appendix 2. Video content formats and examples of use. page 89)

Type of "Solution"	Description
auto	Automatic detection of the type of content, container, codec by the given URL, if the URL begins from rtp:, udp:, rtsp:.
rtp	Play the string in the format MPEG2TS. If URL begins with rtp: , the RTP stream shall be played, if it begins with udp: , the UDP stream shall be played.
rtsp	set required codecs if additional information on the stream is present, for example, H.264, AC-3 ,etc.
ifm	Play an audio stream Internet radio
fm	Play audio from MPEG-TS stream (udp:, rtp:)
ffmpeg	Play files in various formats: avi, mkv,mpg, mp4, mov, wmv, AC-3,
ffrt	Play MPEG-TS stream from the http server.

Type of "Solution"	Description
ffrt2	Play streams with http, rtmp, ... container but there may be no MPEG-TS. Looping content is always on (SetLoop(true)).
ffrt3	Similarly ffrt2, but assumes no realtime stream. That is, with the ability to position itself on the content. Suitable for playing back videos from YouTube.

To play streaming

Streaming specification shall be as follows: rtp space(gap) URL.

for example:

```
rtp udp://10.20.30.40:1234  
rtp rtp://10.20.30.40:1234
```

For access to the stream with **RTSP-server** specification shall be as follows: rtsp space(gap) URL.

More information can be found in the document: JS API MAG200 (Rev 1.20).pdf (Section stb.SetupRTSP page 35)

For broadcasting http

for example:

```
ffmpeg http://10.10.30.40:12434
```

It is also possible to use "Solution» - fm, ffrt, ffrt2, ffrt3. Depending on the type of streaming.

- Save your entries - «Save».

To edit the channel select «Edit Entry» (Yellow button on the remote control).

To delete a channel select «Delete Entry» (The green button on the remote control).

- Exit the edit mode «Quit» (The red button on the remote control).
- Confirm to save changes «Save».

Loading a default channel list from the server.

- Enter to "IPTV Channels"
- Activate the menu by pressing the «menu» on the remote control.
- From the menu choose "Download ..."
- Enter URL - full address of the file containing the list of default channels.

for example:

```
http://192.168.1.1/chanlist.m3u
```

If the channel list is not loaded:

- incorrect address (URL);
- no connection to the server;
- file with that name on the server was not found;
- file has an incorrect format.

Load a previously created list from a USB drive or via SMB / NFS

- Open file format *.m3u from a **USB drive** or from the available network resources (USB-storages «mount» automatically in «**Media Browser**» or «**Home Media**», Local Area Net resources are available in **SMB-browser-«SAMBA»** in «**Media Browser**» or «**Home Media**»);
- When you open the answer to the question about the encoding of the file;
- Save the list of channels;
- If you refuse to save the channel list, you can select the channels (**F3** button on remote or “**menu**” - “**Select All**”) and add them to the “**IPTV Channels**” - “**menu**” - “**Copy**” - “**TV**” button on remote - “**menu**” - “**Paste**”

File Format: m3u, UTF-8 encoding (recommended)

Contents of the playlist m3u file for example

```
#EXTM3U
#EXTINF:0,HD Media
ffmpeg http://89.208.33.168:8100/
#EXTINF:0,HD Live
ffrt2 rtmp://wms002.pik-tv.com/live/piktv3pik3tv
#EXTINF:0, RBC
ffmpeg mmsh://tv.gldn.net/rbc
#EXTINF:0,ORANGE SPORT INFO TV
ffrt2 mmsh://livewm.orange.fr/live-multicanaux
#EXTINF:0,Радио Гора
ifm http://mirror.radiogora.ru:10040
```

Not allowed:



- Empty newlines
- Headers by VLC player

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https://docs.infomir.com.ua/doku.php?id=en:stb_webkit:faq:playlist

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