

M3U Playlist Format Reference

1. Overview

This document defines the standard and extended M3U playlist structure supported by the player. All examples use example.com and test values only. The exact URL is not important — the logic of structure is what matters.

2. Standard Structure

An M3U playlist is a plain text file containing one or more media entries. Each entry typically consists of an info line starting with #EXTINF followed by the actual media URL.

3. Basic Example

```
#EXTM3U
#EXTINF:-1, Example Channel
http://example.com/live/test/test/1.ts
```

4. Extended Example with Metadata

```
#EXTM3U
#EXTINF:-1 tvg-id="example-tv" tvg-name="Example Channel"
tvg-logo="http://example.com/logo.png" group-title="Test Group",Example Channel
http://example.com/live/test/test/1
```

5. Supported Attributes

The following attributes are recognized by the player:

- tvg-id – Unique EPG channel identifier (matches XMLTV ID)
- tvg-name – Display name of the channel
- tvg-logo – URL to channel logo image
- group-title – Category name under which this channel will be displayed
- tvg-link – Optional link to an external XMLTV or EPG file

6. Example with EPG Reference

```
#EXTM3U
#EXTINF:-1 tvg-id="example-tv" tvg-link="http://example.com/epg.xml" tvg-name="Example
TV" tvg-logo="http://example.com/logo.png" group-title="News",Example TV
http://example.com/live/test/test/101
```

7. Movie Example (VOD Entry)

```
#EXTINF:-1 tvg-name="Example Movie" tvg-logo="http://example.com/movie.png"
group-title="Movies",Example Movie
http://example.com/movie/test/test/501.mp4
```

8. Series Example (Episode Entry)

```
#EXTINF:-1 tvg-name="Example Series - Episode 1"
tvg-logo="http://example.com/series.png" group-title="Series",Example Series - Episode
1
http://example.com/series/test/test/1001.mkv
```

9. File Encoding and Format Rules

- File must begin with #EXTM3U on the first line.
- Each channel entry starts with #EXTINF and is followed by a single URL.
- UTF-8 encoding is required.
- URLs can be .ts, .m3u8, .mp4, or .mkv formats.
- The player automatically groups and organizes channels by 'group-title'.

10. Example Playlist (Full)

```
#EXTM3U
#EXTINF:-1 tvg-id="example-tv" tvg-name="Example News"
tvg-logo="http://example.com/logo1.png" group-title="News",Example News
http://example.com/live/test/test/1.ts

#EXTINF:-1 tvg-id="example-sport" tvg-name="Example Sports"
tvg-logo="http://example.com/logo2.png" group-title="Sports",Example Sports
http://example.com/live/test/test/2

#EXTINF:-1 tvg-name="Example Movie" tvg-logo="http://example.com/movie.png"
group-title="Movies",Example Movie
http://example.com/movie/test/test/10.mp4

#EXTINF:-1 tvg-name="Example Series - S01E01" tvg-logo="http://example.com/series.png"
group-title="Series",Example Series - S01E01
http://example.com/series/test/test/1001.mkv
```

11. Notes

- Timeshift entries are not supported in M3U playlists.
- Attribute order inside #EXTINF lines does not matter.
- Unknown attributes are ignored.
- Example URLs are illustrative only – any domain may be used.
- Player automatically detects content type (Live/VOD/Series) based on URL structure.