

Melodie API Documentation V1.2

For API tokens:

Please contact Melodie's Partnerships Manager, Selin Gunsur (selin@melod.ie).

API ENDPOINT: *melod.ie/api/v1/tracks/search*

Headers:

- **Authorization:** your API token

Parameters:

- **page [optional]:** page of the results you want to retrieve
- **sort [optional]:** sorting of results, possible values are "latest", "shuffle" and "featured" (used by default)
- **q [optional]:** general string query to search for (mostly to use for: track names, composers)
- **genre [optional]:** array of genres to search for
- **mood [optional]:** array of moods to search for
- **instrument [optional]:** array of instruments to search for
- **purpose [optional]:** array of purposes to search for (purposes are like 'TV production genres')
- **variable_tempo [optional]:** true/false; should return tracks with variable tempo or not
- **min_tempo [optional]:** minimum tempo in BPM for searched tracks (must be used together with max_tempo)
- **max_tempo [optional]:** maximum tempo in BPM for searched tracks (must be used together with min_tempo)
- **min_duration [optional]:** minimum duration in seconds for searched tracks (must be used together with max_duration)
- **max_duration [optional]:** maximum duration in seconds for searched tracks (must be used together with min_duration)
- **key [optional]:** array of desired keys of the tracks

Results:

Results are returned in JSON, in form of array of 15 tracks (per page), inside data -> attributes of the response. Format of a result track is as follows:

- **id [string]**
- **title [string]**
- **tempo [integer]**
- **stream_url [string]:** url for audio stream for preview in a player (for the main track)
- **variable_tempo [boolean]**
- **instruments [array of strings]**
- **moods [array of strings]**
- **genres [array of strings]**
- **purposes [array of strings]**
- **artist_name [string]**
- **composers [array of strings]**
- **length [integer]:** length in seconds
- **publisher [string]**
- **isrc [string]**
- **cat_id [string]:** Melodie catalogue id
- **release_year [string]**
- **start_key [string]**
- **end_key [string]**
- **avatar [string]:** url for artist avatar
- **track_versions [array of objects]:** list of track versions associated with main track, in the following format:
 - **id [string]**
 - **title [string]**
 - **stream_url [string]:** url for audio stream for preview in a player (for the specific track version)
 - **length [integer]:** length in seconds
 - **download_link [string; if available]:** download link for the specific track version

Response also contains total number of pages of results in data -> meta inside of the response.

Example response:

```
{
  "data": [
    {
      "id": "1",
      "type": "tracks",
      "attributes": {
        "id": "1",
        "title": "Apoxide - Keeping It Bottled",
        "tempo": "80.0",
        "description": "track_description",
        "variable_tempo": false,
        "composer_name": "Moss",
        "artist_name": "Moss",
        "composers": "composers",
        "length": 60,
        "publisher": "publisher",
        "cat_id": "456789",
        "release_year": "2017",
        "start_key": "C#",
        "end_key": "A",
        "avatar": null,
        "stream_url": "https://melod.ie/track_versions/1/Apoxide_-_Keeping_It_Bottled.mp3?1605812781",
        "versions": [
          {
            "id": 1,
            "title": "Apoxide - Keeping It Bottled",
            "length": 60,
            "stream_url": "https://melod.ie/track_versions/1/Apoxide_-_Keeping_It_Bottled.mp3?1605812781",
            "download_link": "https://melod.ie/api/v1/tracks/1/download"
          },
          {
            "id": 2,
            "title": "Apoxide - Keeping It Bottled (radio)",
            "length": 30,
            "stream_url": "https://melod.ie/track_versions/2/Apoxide_-_Keeping_It_Bottled.mp3?1605812781",
            "download_link": "https://melod.ie/api/v1/tracks/2/download"
          }
        ],
        "download_link": "https://melod.ie/api/v1/tracks/1/download",
        "isrc": "456789",
        "instruments": ["Piano", "Saxophone", "Synthesizer", "Vocals (female)"],
        "moods": ["Beautiful", "Feel good", "Happy", "Peaceful", "Relaxed"],
        "tags": ["Lifestyle", "Meditation", "Shopping"]}
      },
      "meta": {"total_pages": 1},
      "jsonapi": {"version": "1.0"}
    }
  ]
}
```

API ENDPOINT: *melod.ie/api/v1/tracks/:id/download*

Headers:

- **Authorization:** your API token

Parameters:

- **id [required]:** id of the track to download, included in the url

- **version [optional]:** version of the track to be retrieved, can be "wav", "mp3" or "watermarked_mp3" ("wav" is default). Watermarked mp3 files feature an audio watermark every 10 seconds.

Result:

As a result, so long as it exists and you have privileges to access it, the requested file is served.

END OF DOCUMENT.