

# iWebDJ online music anti-theft technology

---

## Problem :

Without an effective protection, it is easy to grab / steal an online music stream. The hackers will be then able to instantly download your music on their hard-drives (as an MP3 file). This can be devastating for your business model !

## Our solution :

Many forms of hacking expose your music to be stolen and absolutely all of them must be considered for adopting an anti-theft protection.

After one year of intense R&D and thanks to our deep expertise in audio processing, web audio and hacking, we are able to offer an ultimate protection against all forms of attack :

- |  |               |
|--|---------------|
| - Network data grabbers (proxies)            | Protected !   |
| - Browser cache grabbers                     | Protected !   |
| - Memory scanner / grabbers                  | Protected !   |
| - Source code reverse-engineering            | Protected !   |
| - Decompilers and debuggers                  | Protected !   |
| - Music encryption cracking (eg: bruteforce) | Protected !   |
| - Future attacks                             | Protected ! * |

## \* Long-term commitment

The fight against hackers never really stops and reactivity is the key of success.

We commit ourselves to provide music theft protection for a long-term period. If a new hacking technique emerges in the future, we guarantee that we will disable it !

# Additional information

## Technical details about the anti-theft technology

Our anti-theft technology relies on a combination of several layers of protection. If you want more technical information, you can start having a look at the tech specs available on [iwebdj.com](http://iwebdj.com). For even more details, please contact us directly by email. For obvious reasons, we don't give too much info publicly.

## A note about the RTMP protocol

It is super easy to rip a RTMP(e/s) stream (with tools such as `rtmpdump`) and you can't do anything about it since RTMP is a high-level closed protocol. That's why iWebDJ use HTTP(s) for secure music delivery.

## A note about browser offline storage

HTML5 allow to create a browser local storage / locker for offline music access (FileSystem API). Our anti-theft technology is perfect for this use because it allows to encrypt all the music content in this storage.

## iWebDJ expertise

10 years of experience in audio engineering + 6 years of experience in web audio + hacking as a passion for a long time

## Additional features coming with the iWebDJ audio engine

Beyond content protection, the iWebDJ audio engine comes with a plethora of other features, such as : advanced loudness normalization, automix for wonderful transitions (webradio), professional equalizer, crisp waveform, playback speed without altering the tone, dj features (dual player)...

Just to let you know they exist and they can be integrated into your player/app without any effort.