SMART DSP

**ĐQ Chart**
**- Audio Processing Quality Label -**

Smart DSP "Đ Quality" Label
A quick way to tag & identify high quality music (in a technical meaning regarding the loudness and dynamics).

**Quality Music is compromised if not already lost on most records.**
**In order to encourage artists & technicians going towards modern industry standards while preserving the essence of music. We have decided, after many months of research and testing, to launch our own Quality Label.**

**Multiple artists and labels are already releasing ĐQ Compliant tracks since the launch in 2020-01.**

## USE & DISPLAY

This label may be used & displayed by anyone as long as the labeled audio material is compliant to the technical specifications below.

You may display the label in multiple ways:
- Tag " ĐQ " in to the audio file's metadata,
- Add " Đ Quality " or " ĐQ Compliant " below the mastering credits in the track description on the different platforms,
- Display the ĐQ Logo on your artwork and promotional media.

## TECHNICAL SPECIFICATIONS

### INTEGRATED LOUDNESS

LUfs - EBU R 128 Standard
-12 LUfs integrated (±4 LUfs)
Between -16LUfs and -8LUfs following the material, genre, artistic direction.

### MAXIMUM TRUE PEAKS

-1dBfs True Peak (±0.3 dBfs True Peak)
Shouldn’t be above -0.7dBfs True Peak, -1.0dbfsTP being recommended for heavier material.

### HI-RES SOURCE* & PROCESSING

**Ideally** the source file should be at 48kHz minimum.
Mastering processing should be done at 96kHz using reliable, therefore transparent, up-sampling.

### PROCESSING QUALITY

Many processors may induce artifacts, aliasing and other unwanted effects.
Make sure you use high end, carefully selected and well mastered tools.

### TONALITY

This label aims to help the dynamics / loudness ratio and does not account for the tonality of an audio file.

### STEREO FIELD

Even though some specific elements may be (over)spread on the sides to better serve the track; the whole mix shouldn’t be over-spread in a way that is causing noticeable phase issues.