



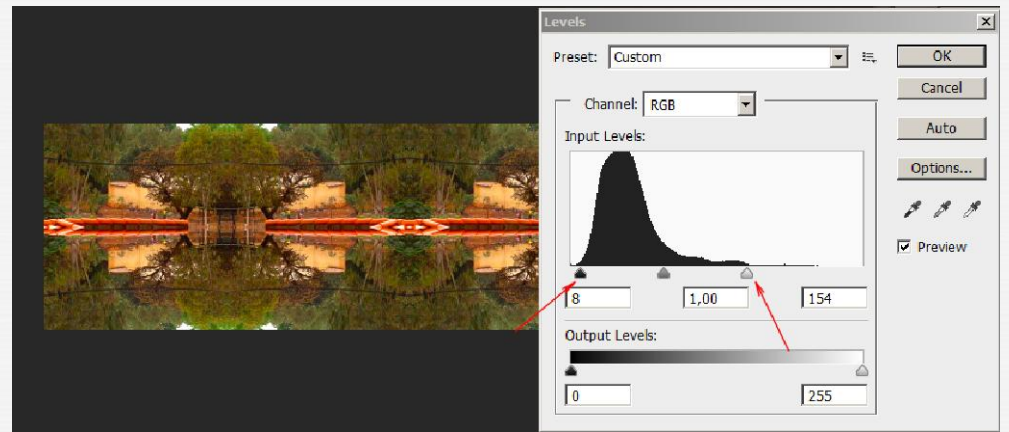
# Delivering "ok" videos

Gamma + Video levels

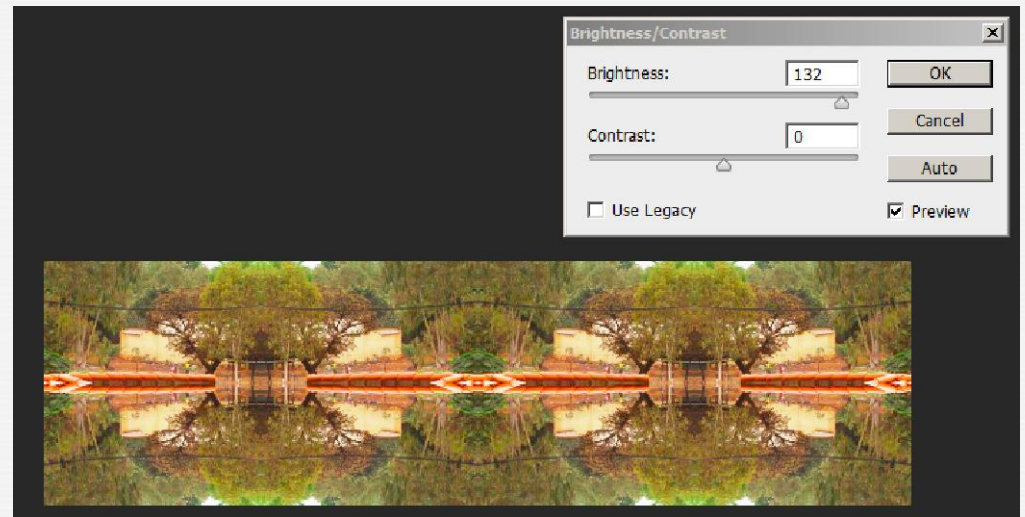
Good video levels

In Photoshop

Managing video levels



Managing brightness



Managing video levels is much better than managing brightness / contrast

In Sony Vegas +

For me, it can be a "straight" setting for the whole movie

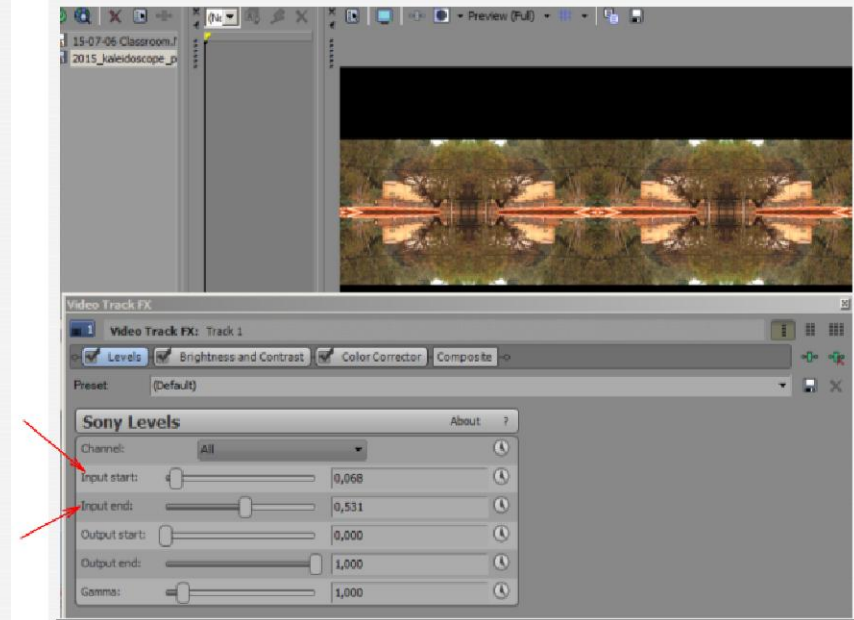
Gamma setting +

Another example +

Delivering "ok" videos

Gamma + Video levels  
Good video levels

In Photoshop +



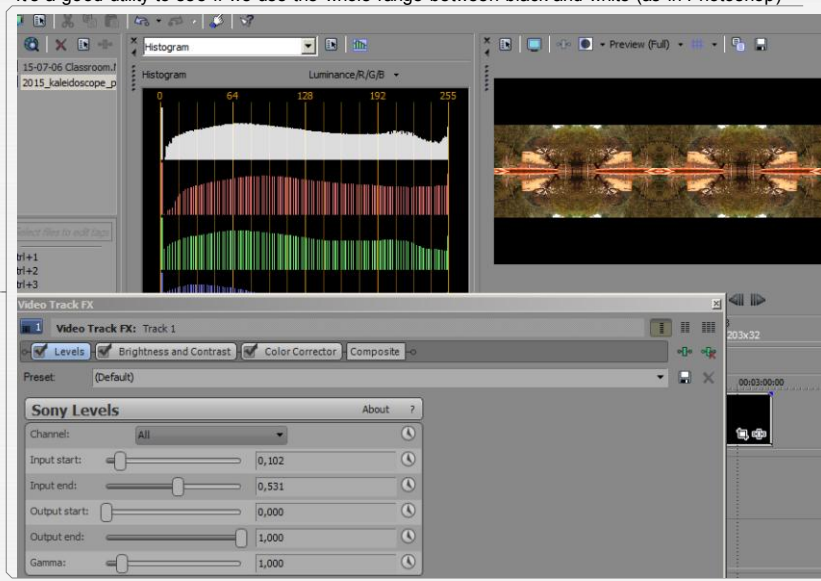
In Sony Vegas

Video levels

"Input start" and "Input end" are the same thing than the two sliders in Photoshop

It's a good utility to see if we use the whole range between black and white (as in Photoshop)

Histogram



For me, it can be a "straight" setting for the whole movie

Gamma setting +

Another example +

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In Photoshop +

In Sony Vegas +

For me, it can be a "straight" setting for the whole movie

Gamma setting

It's the type of gradient of the contrast



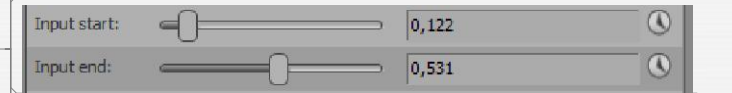
Without



With



and :



This picture will work on every screen +

It's not contrast, it's the type of contrast +

It's the key for a good a looking on every type of screen

If you had only worked on luma and contrast, you should have lost informations in the picture

Whites too white

Blacks too black

Another example +

In Photoshop +

In Sony Vegas +

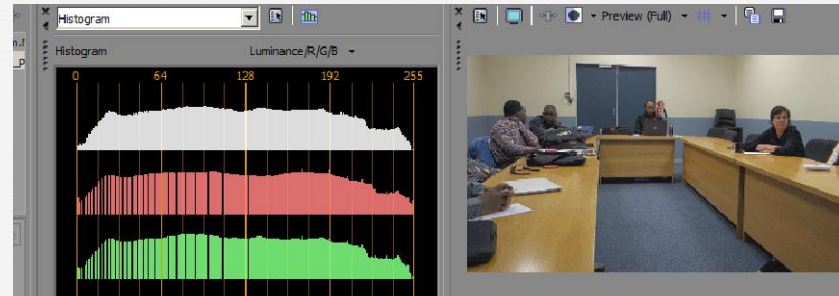
For me, it can be a "straight" setting for the whole movie

Gamma setting +

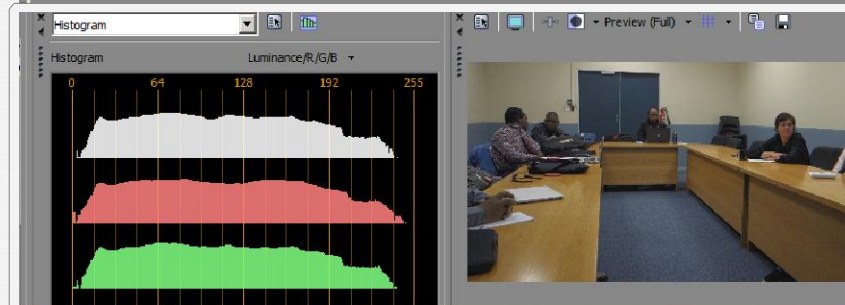
Gamma + Video levels

Good video levels

Delivering "ok" videos



The 'Video Track FX' panel for 'Track 1' is shown. The 'Levels' tab is selected. The 'Sony Levels' preset is active. The settings are: Channel: All; Input start: 0,020; Input end: 0,946; Output start: 0,000; Output end: 1,000; Gamma: 1,255.



A second screenshot of the 'Video Track FX' panel for 'Track 1', identical to the first one, showing the 'Sony Levels' settings.

Another example

Increases the volume without exceeding 0dB



Original



Normalized



On a whole long sound, it's not effective

There is no sound change, it's just the volume that is affected

Normalization audio effect

Audio compression

Good audio levels

Delivering "ok" videos

+ Compressing audio

+ Mastering audio

+ About loudness

Normalization audio effect

No Codec, it's compress the dynamic

Original

Compressed

Preset: [Sys] Deep compression

**SONY. Wave Hammer** About ?

Bypass Compressor

-35,0 dB    8,0 : 1    0,0 dB    Scan mode:

Peak

RMS

Auto gain compensate

Use longer look-ahead

Smooth saturation

Threshold (-60 to 0 dB)    Ratio (1:1 to Inf.:1)    Output gain (-30 to 30 dB)

Attack time (0 to 500 ms):    1,0

Release time (0 to 1,000 ms):    100,0

Smart release (0 to 100):    0

**Compressor**    Volume Maximizer

Compressing audio

Audio compression

Good audio levels

Delivering "ok" videos

Mastering audio

About loudness



IK Multimedia T-Racks

It works on mac and PC

<http://www.ikmultimedia.com/products/cat-view.php?C=family-t-racks>

For mastering, I advice you an audio plugin

+ Normalization audio effect

+ Compressing audio

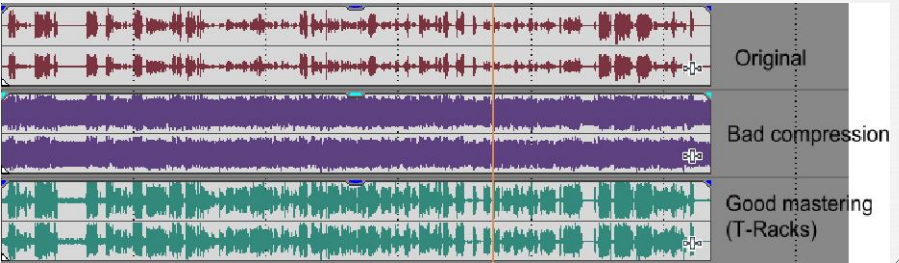
Mastering audio

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Delivering "ok" videos

It will increase the medium part of the audio signal, so your audio will be well played on every kind of speaker (even the poorest ones)



<http://transom.org/2015/the-audio-producers-guide-to-loudness/>

About loudness