White Paper

MANAGEMENT and SETTINGS FOR THE ASPECT RATIOS

Guideline:
1- Aspect In
2- Aspect Out

ANALOG WAY ®
Pioneer in Analog, Leader in Digital

MANAGEMENT and SETTINGS FOR THE ASPECT RATIOS

From the Menu select the following aspect options.
Select first the Aspect In then Adjust the Aspect Out.

Aspect In

Provides aspect ratio adjustments for the content of the image. Affects the raster size of content provided to the signal processing chain.

NATIVE *
No adjustment.

LETTER BOX 1.78
Adds black bars to image to create a 1.78 image from a 4:3 signal. Useful when you have 16:9 content that appears correctly in the correct aspect ratio when viewed within a 4:3 format (ie. 1.78 letterboxed DVD).

LETTER BOX 2.35
Adds black bars to image to create a 2.35 image from a 4:3 signal. Useful when you have 2.35 content that appears correctly in the correct aspect ratio when viewed within a 4:3 format (ie. 2.35 letterboxed DVD).

PILLAR BOX
Adds black bars on sides to create a 4:3 image from a 16:9 signal. Useful when you have 4:3 content with black bars on the sides in a 16:9 signal.

ANAMORPHIC
Adds black bars to image to create a 1.78 image from a 4:3 signal, and stretches horizontally, while compressing image vertically to fit. Useful when you have 16:9 content that is horizontally squashed when viewed within a 4:3 signal (ie. anamorphic wide screen DVD).

Aspect Out

Provides aspect ratio adjustments for frame in which the image will be displayed.

1:1
No scaling or resizing of any kind is done. Aspect ratio preserved.

CENTERED
The image is scaled until it fits vertically or horizontally, whichever keeps the entire image visible. Aspect ratio-preserved, but black bars will be added if necessary.

FULL SCREEN *
The image fits Horizontally and Vertically of the incoming raster ot the output raster. This will compromised the aspect ratio.

CROPPED
The image is scaled until it fits vertically or horizontally, whichever eliminates all black bars. Aspect ratio preserved, but some content will be cropped out of the raster (offscreen).

* default settings in the Analog Way's devices

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