



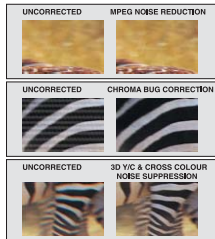
# DIMENSIONAL REALITY

The new Stasia LCD TVs are engineered with Toshiba's latest breakthrough TV technology - Dimensional Reality. This intelligent think-engine reproduces the most realistic, true to life pictures with the highest degree of depth and detail yet delivered by Toshiba. Dimensional Reality combines 5 core picture enhancement technologies to create a 3D-like effect for an extra real and extra dimensional visual experience.



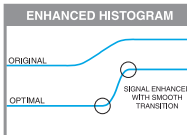
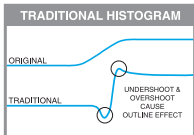
## REAL - Active Picture Enhancement

Dimensional Reality analyses the incoming signal of each pixel on each frame and adjusts the contrast, colour and brightness of each pixel to achieve the best balance, resulting in vastly improved depth and realistic images with a 3D-like effect.



## CLEAN - Total Noise Reduction

Reproduces the cleanest possible images without affecting sharpness. **MPEG Noise Reduction** - Alleviates the appearance of tiny square blocks in MPEG pictures for smoother reproduction of images. **Chroma Bug Correction** - Smooths the jagged line effect on highly saturated coloured objects. **3DY/C Separator & Cross Colour Noise Suppression** - Correct colour signals to rectify the problem of flickers and colour artifacts.



## CLEAR - Optimal Luma Enhancement

Ensures clear and sharp image contours by eliminating the artificial outline along the edges of object.



## SMOOTH - Motion Adaptive De-Interlacing

Traditional circuits can only perform the progressive process in a per-scan-line basis. Mismatch of scan lines can cause the jagged line effect in moving pictures. Dimensional Reality eliminates this by performing the progressive process down to per-pixel basis, resulting in smooth diagonal edges on moving images.

## ORIGINAL - Real Digital Picture

Unlike the conventional process (which can see up to three analogue / digital conversions) Dimensional Reality digitises the whole signal process thus avoiding image degradation during picture reproduction.

