

## TeleAdapt MiniDV -8000

### Basic Guide to DSC and DV Exposure settings

The MiniDV8000 has some advanced features for controlling the exposure and timing of the image to be taken. The effects on this can enhance the image and provide some stunning visual effects but can also seriously impair the final quality of the photo/video taken if not used with understanding.

This document aims to give you a basic understanding of Exposure's in general and specifically with the MiniDV in mind.

#### Overview

The concept of exposure is the amount of light/intensity that will be on the final image. Exposure has the effect of the intensity of light on the image whereas the shutter speed will control the duration of light to the image.

DARK	—————▶	LIGHT
-1.8, -1.5, -1.2, -0.9, -0.6, -0.3, 0.0, +0.3, +0.9, +1.2, +1.5, +1.8		

#### Exposure

It has to be said there is a direct connection between exposure and shutter speed as they in effect achieve the same result just in two different ways. The idea is to allow you to slow down the shutter speed which in turn will cut out the light in the image, to counter act this the exposure is then re-adjusted to compensate for this loss of light effectively overexposing the image in a controlled manor to give the desired result.

As an example you can imagine a waterfall you would prefer to have the effect of capturing each droplet as it falls and effectively freeze time. Using a faster shutter speed will not achieve this effect but slowing the speed down the shutter and then adjusting the exposure to compensate should have the desired effect.

This will also work in the opposite way. Using a faster shutter time and decreasing the exposure will have the effect of a free flowing image.

This is the principle but in reality will require some practice, to get closer to the what you see is what you get image an understanding of exposure and shutter speed will be required. These settings do have more influence when using film for image reproduction as it's commonly not as easy to see a preview of an image unlike with a digital camera allowing you to just retake the image.