

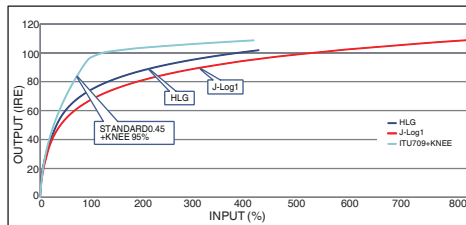
Adjusting the Gamma on the GY-HC500/550

The gamma curve can be adjusted to various characteristics when Color Space is set to a value other than “HLG” and “J-Log1”.

- Standard : Standard gamma curve based on video standard.
The adjustable level is 0.35 to 0.45 to 0.55 in steps of 0.02.
When the level is at 0.45, the gamma curve becomes one that conforms to the ITU709 standard.
- Cinema 1 : Sets to a cinema-like gamma curve.
The level can be adjusted extensively from -5 to 0 to +5.
- Cinema 2 : Sets to a gamma curve with soft expression giving priority to high luminance gradation.
The level can be adjusted extensively from -5 to 0 to +5.

HLG and J-Log1 Gamma

The gamma switches automatically to the respective “HLG Gamma” and “J-Log1 Gamma” when [Color Space] is set to “HLG” or “J-Log1”. The HLG Gamma becomes an ITU2100 HLG HDR gamma. Output signals above 100 IRE can be clipped by adjusting “White Clip”. The J-Log1 Gamma becomes a Log gamma with dynamic range of max 800%.



Gamma Variation

The typical characteristics are shown in the following figure. The figure shows the characteristics when “Standard”, “Cinema 1” or “Cinema 2” is configured and [Knee Level] is set to “95%” for the “Standard” or “Cinema 1” graph.

