



CG5 FORTRESS 2HD/4K BROADCAST CHARACTER GENERATOR

CG5 FORTRESS offers a powerful tool for 3D and 2D character generation, needed at any TV station, production company or mobile unit.

Optimal performance for live work.

The flexibility of CG5 FORTRESS allows multiple tasking.

- Titles and subtitles in real time.
- 2D and 3D environment within the same project.
- Multi-object layers with independent control.
- Insertion of multiple animated logos in 2D and 3D.
- Insertion of time, temperature and humidity.
- Sports Timers.
- 4 HD input DVE, when in HD mode (Optional).
- REST SERVER function.
- Multiple simultaneous Videos, Branding, Lower Third, Rolls and Crawls.
- EXCEL, TXT and multiple communication protocols integration.
- Transition definition.
- Alpha Channel mixing.
- 3DS MAX® file importation.
- More than 200 predefined templates for its immediate use.
- It supports PSD, TGA, TIF, GIF, PNG, BMP, EMF, JPG, PCX, TGA and PNG series, etc.
- Social Network integration (Optional).
- Screen Capture from external applications.
- Graphic management for sports events.
- MOS protocol compatible.
- Time Line . . .

Configurable as:

- 1 Input 4K + 1 Output 4K + Genlock or
- 2 Output 4K (Key+Fill) + Genlock or
- 4 Input HD SDI + 2 Output HD SDI + Genlock or
- 4 Input HD SDI + 4 Output HD SDI (2 Key + 2 Fill) + Genlock

INPUT and OUTPUT

- 1 x HD-BNC input for connecting an external analog sync source (Black Burst, Tri-level sync)
- 8 x HD-BNC connectors.

Internal video data processing:

4:2:2 8, 10 bit

Supported video :

- 480i 59.94
- 576i 50
- 720p 23.98/24/25/29.97/30/50/59.94/60
- 1080i 50/59.94/60
- 1080p: 23.98/24/25/29.97/30/50/59.94/60
- 2160p: 23.98/24/25/29.97/30/50/59.94/60

Modes:

- Up to 8 channels in SD / HD-SDI.
- Up to 4 channels in 3G-SDI mode
- 1 channel in Ultra HD-SDI mode 2160p: 50/59.94/60 (Quad-link)
- 2 channels in Ultra HD-SDI mode 2160p: 23.98/24/25/29.97/30 (Dual-link)

Audio:

24 bit SDI Embedded, 8 stereo audio channels for 1 video input/output

- SD-SDI: SMPTE 272M-A
- 3G / HD-SDI: SMPTE 299M

Synchronization audio to video, configurable audio delay (independently for each input mono channel).

Synchronization:

- External analog sync source (Black Burst, Tri-level sync)
- SDI Input



For more information, please
visit our website www.video5.tv

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