Simple Titler

CG-Portable/CG-Portable-A

CG-PORTABLE
CG-PORTABLE-A
Compact, simple titler that is cost efficient and streamlined.

Can superimpose text*1 or logos. The cost-effective CG-Portable includes select features within a compact, palm-sized frame. CG-Portable-A supports HDMI output, which enables it to utilize a wide range of professional video equipment.

*1 True font is available. (Please check with the font provider for font licensing)

Select features

Palm-size

Simple configuration

Two models lineup

<table>
<thead>
<tr>
<th>Feature</th>
<th>CG-Portable</th>
<th>CG-Portable-A</th>
</tr>
</thead>
<tbody>
<tr>
<td>3G/HD-SDI input/output</td>
<td></td>
<td>○</td>
</tr>
<tr>
<td>HDMI output</td>
<td>-</td>
<td>○</td>
</tr>
<tr>
<td>3G/HD-SDI→HDMI conversion</td>
<td>-</td>
<td>○</td>
</tr>
<tr>
<td>On/Off remote control*2</td>
<td>-</td>
<td>○</td>
</tr>
</tbody>
</table>

*2 Commercial remote control unit required

Displays text and graphics simultaneously

Graphics

- Logos
- Animation Logos
- IMAG

Two independent text

- Vertical and Horizontal
- Fix, horizontal crawl and vertical roll
- Independent multi-lingual support for text overlay

Features

- Embedded audio supported: Blank, Pass, Mute.
- Two modes installed: internal mixing mode and fill/key output mode
- Fill and key mixing over live background video or uploaded graphics
- Static PNG / Animated logo insertion
- Over 70 frames of graphic playback buffer
- Ideal for a range of signage applications
- External reference input available
- Last page is shown after reboot
Operation images

**Live Logo**
Displays live logo or animation logo by using sequenced number files.

**Commercials**
Displays created commercial message. Enables adjustment of text size, color, roll and more.

**Information display**
Displays PNG file in digital signage.

**Message boards**
Create a message board from output.

**Sports**
Displays TV station logo, watermark to broadcasting videos.

**Streaming**
Displays information for streaming videos of lectures or conferences.

**Censoring in Medical Field**
Censoring personal information
Left: before censoring, Right: after censoring (yellow box)

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It is currently under preparation. Please wait a while.
**System examples**

- **Add graphics to camera output**
  - CG-Portable/A
  - 3G/HD-SDI
  - Display

- **Control via LAN cable**
  - CG-Portable/A
  - Ethernet
  - Display

- **Utilize with FOR-A Video Switcher**
  - CG-Portable/A
  - 3G/HD-SDI
  - Display

- **Remote control via Ethernet**
  - CG-Portable/A
  - Ethernet
  - Display

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**Specification**

### CG-Portable/CG-Portable-A

<table>
<thead>
<tr>
<th>Feature</th>
<th>CG-Portable</th>
<th>CG-Portable-A</th>
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<tbody>
<tr>
<td><strong>Video Formats</strong></td>
<td>3G-SDI: 1080/50p(Level-A/B), 1080/59.94p(Level-A/B), 1080/60p(Level-A/B)</td>
<td>3G-SDI: 3 Gbps (Level-A/B), HD-SDI: 1.5 Gbps, 75Ω, BNC x 1 (Bi-directional BNC shared with KEY-OUT)</td>
</tr>
<tr>
<td><strong>Video Processing</strong></td>
<td>10-bit: 4:2:2, YCbCr</td>
<td>10-bit: 4:2:2, YCbCr</td>
</tr>
<tr>
<td><strong>Video Input</strong></td>
<td>BKG-IN</td>
<td>REFERENCE</td>
</tr>
<tr>
<td><strong>Video Output</strong></td>
<td>PROGRAM/FILL 3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1</td>
<td>PROGRAM/FILL 3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1</td>
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<tr>
<td><strong>PREVIEW/FILL</strong></td>
<td>3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1</td>
<td>PREVIEW/FILL 3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1</td>
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<tr>
<td><strong>KEY-OUT</strong></td>
<td>3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1 (Bi-directional BNC shared with BKG-IN)</td>
<td>KEY-OUT 3G-SDI: 3 Gbps (Level-A/B) HD-SDI: 1.5 Gbps, 75Ω, BNC x 1 (Bi-directional BNC shared with KEY-OUT)</td>
</tr>
<tr>
<td><strong>Audio</strong></td>
<td>Embedded Audio, Blank, Pass, Mute</td>
<td>HDMI: HDMI 1.4b</td>
</tr>
<tr>
<td><strong>I/O Delay (max)</strong></td>
<td>10μs: 20/23 38μs, 1080/24p, 1080/25p, 1080/29.97p, 1080/30p: 36.9 μs</td>
<td>HDMI: HDMI 1.4b</td>
</tr>
<tr>
<td><strong>Video Mixing</strong></td>
<td>Keying: Output FILL &amp; KEY/Self KEY</td>
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</tr>
<tr>
<td><strong>Transparency</strong></td>
<td>From 0% to 100%</td>
<td>Transparency: From 0% to 100%</td>
</tr>
<tr>
<td><strong>DSK mode</strong></td>
<td>Off: on the unit generates FILL and Key outputs for use by a downstream keyer</td>
<td>DSK mode: On: the unit generates FILL and Key outputs for use by a downstream keyer</td>
</tr>
<tr>
<td><strong>Text background</strong></td>
<td>Size and color selectable</td>
<td>Text background: Size and color selectable</td>
</tr>
<tr>
<td><strong>Text outline</strong></td>
<td>Off/on selectable (0 to 30 pixels in steps of 1); color and opacity selectable</td>
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<tr>
<td><strong>Main Unit</strong></td>
<td>Interface: LAN: 10/100BASE-TX, Rj-45 x 1</td>
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</tr>
<tr>
<td><strong>Temperature/humidity</strong></td>
<td>0°C to 40°C/95% to 95% (no condensation)</td>
<td>Temperature/humidity: 0°C to 40°C/95% to 95% (no condensation)</td>
</tr>
<tr>
<td><strong>Power</strong></td>
<td>17.7 W (AC100V to 120V AC)</td>
<td>Power: 17.7 W (AC100V to 120V AC)</td>
</tr>
<tr>
<td><strong>Consumption</strong></td>
<td>5.69 W (AC220V to 240V AC)</td>
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<tr>
<td><strong>Dimensions/weight</strong></td>
<td>35.5 (W) x 182 (D) x 28.5 (H) mm / 2.5 kg</td>
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<tr>
<td><strong>Consumables/replacement timing</strong></td>
<td>Power unit/approx. 5 years</td>
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<tr>
<td><strong>Included accessories</strong></td>
<td>Operation manual (CD-ROM), Power unit</td>
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*Switchable by DSK mode*