

Specifications

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|-------------|----------------------|--|
| Features | Input Channels | 4 |
| | Layers | 4 (2 layers incl. PIP for each of 2 bus) |
| | Mix | T-Bar or TAKE Button |
| | Transition Effects | 12 with variable timing |
| | PIP | 4 Presets, configurable |
| | DSK | On/Via PIP |
| | Blend | On PIP (variable soft edges) |
| | Display Control | Scale, Crop, Position, Brightness |
| | Memory Presets | 4 Pages of 4 memory presets can be stored |
| Performance | Output Resolution | 1024X678@60Hz, 1280X768@60Hz, 1280X1024@60Hz, 1440X900@60Hz, 1920X1080@60Hz PAL/NTSC only for CVBS |
| | Color Range | 16,780,000 |
| | Horizontal Frequency | 43.5KHz to 94KHz |
| | Grayscale Processing | 10bit |
| | Digital Sampling | 30bit |
| | Scan Conversion | 3 levels |
| Connectors | Video Input | 4 x BNC (CVBS) 4 x DSUB-15 (VGA) 4 x USB-A 4 x HDMI - Standard Model Only 4 x BNC (SDI) - SDI Model Only |
| | Audio Input | 2x1/4 inch Jack Socket |
| | Monitor Output | 4/Quad Multiviewer by HDMI |
| | Preview Output | HDMI & VGA |
| | Program Output | HDMI, VGA & CVBS |
| | Tally | 1 x DSUB-15 |
| | Power | IEC |
| | Update | USB-B and RS 232 |
| | Device Link | 2 x DSUB-9 |
| | Power | Input Voltage: AC 100-240V 50/60Hz Max Power: 45W |
| Operation | Temperature | 0-40°C |
| | Humidity | 10-85% RH |
| Physical | Weight | 7.1kg (net) 17.7 kg (packaged) |
| | Dimensions | 363 x 276 x 128mm (net) 490 x 310 x 515mm (packaged) |

All in One Vision Mixer & Scaler CP 3072



When vision mixing is needed from a variety of sources, the RGBlink CP 3072 provides a comprehensive feature set. With three layer outputs – one for Program, one for Preview and one for Multiviewer Preview, plan your mix from any of up to 16 sources.

Output for presentation can include PIP (Picture in Picture) in any size or position – or use common quick access presets provided. A blend feature allows a PIP edge to be softened, blending with the underlying video layer.

TAKE the Preview to a live Program using the familiar broadcast style T-Bar with seamless switching, or select a timed transition effect and TAKE using the dedicated button.

A dedicated source MultiView output is built-in – always know the currently available and selected input sources.

A standard TALLY output equips with CP 3072 for Broadcast system also.

Use the DSK feature with a PIP layer to key in a subtitle or overlay a logo. Use DSK or Chromakey, set a solid background color and vary the alpha key.

Output video up to 1920x1080 @ 60Hz – format the output from dedicated buttons provided.

With Scale, Crop, Position – CP3072 is truly an All-In-One vision mixing and scaling solution in a compact ready-to-go format.



All in One Vision Mixer & Scaler

4 Independent Input Channels

CP 3072 has four independent input channels – each of these channels can have selectable inputs for VGA, CVBS, HDMI and USB. A total of 16 inputs across 4 channels is available. CP 3072 is available in both a standard model and a SDI model.

Playback from USB Media

Inserting USB storage as a source with video and graphic allows looping playback directly from the CP 3072

Seamless Switching

Switch seamlessly between outputs for precise performance

Picture in Picture (PIP)

Any active source can be used as a PIP layer. PIP can be positioned using the built-in presets, or positioned and sized in any way.

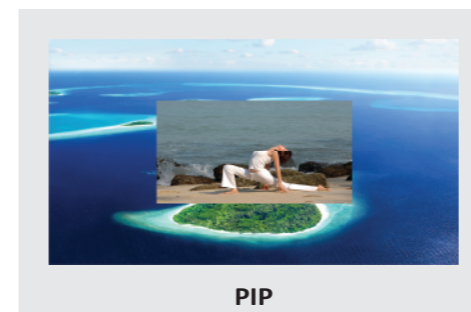
The PIP settings can Preview and Seamless TAKE to the Program output, which makes 2 layers seamless switching happens by CP 3072 also. And with the soft edge blending settings, Blending PIP happens on Program output.

Blending

PIP layers can have hard or soft edges. Soft edges blend with the underlying layer

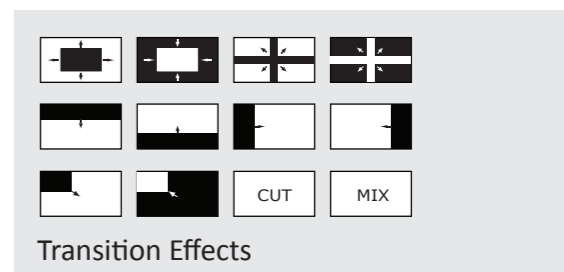
DSK/Chroma Key Overlay

Overlay text or a logo using the built in DSK feature, or use Chroma Key to overlay video using a keyed background.



Transition Effects

CP 3072 includes a set of standard transition effects, including 5 dedicated buttons and a TAKE control button



Scale / Crop / Position

At preview, output can be scaled, cropped and positioned. Ideal for use directly with LED displays. No separate Scaler is required.

Preview / Program / Monitor

3 Separate outputs for Preview and Program by HDMI and VGA. Program additionally offers CVBS output. There is a dedicated MultiView output to monitor the 4 input channel sources



T-Bar Control

Familiar T-Bar control for vision mixing. Adjacent LED digital display shows mix status/progress.

Audio Inputs

Input 2 channel audio and embed into HDMI output



CP 3072



CP 3072S