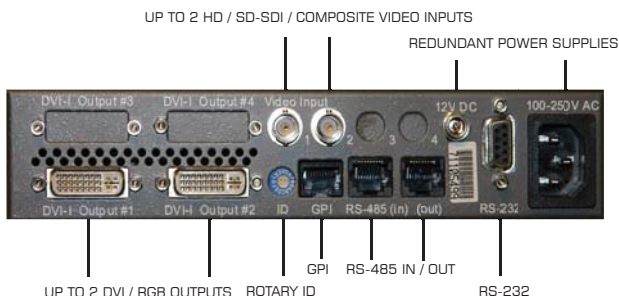


# MEDIA COMMAND CENTER

## MCC-8001U Image Scaler / Processor



### MCC-8001U-1

- Input: 1 auto-detect HD / SD-SDI / composite video (PAL / NTSC)
- Output: 1 DVI / RGB
- Output Resolution: 800x600, 1024x768, 1280x720, 1280x768, 1280x1024, 1366x768, 1400x1050, 1440x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200 50/60Hz
- On-screen labels, borders, and tally indicators
- Control via RS232, 2 GPI / O Tally, AAP, TSL

### MCC-8001U-2

- Input: 2 auto-detect HD / SD-SDI / composite video (PAL / NTSC)
- Output: 2 DVI / RGB
- Output Resolution: 800x600, 1024x768, 1280x720, 1280x768, 1280x1024, 1366x768, 1400x1050, 1440x900, 1600x1200, 1680x1050, 1920x1080, 1920x1200 50/60Hz
- On-screen labels, borders, and tally indicators
- Control via RS232, 2 GPI / O Tally, AAP, TSL

### Featuring 3D 10-bit Comb Filters

3D Comb Filters separate brightness and color signals more efficiently in a 3D domain. This eliminates cross-color, cross-luminance and dot-crawl distortion - all of which detract from the viewing experience.

The 3D digital comb filters perform field-by-field comparisons of the video image to accurately separate the color from the black-and-white information. They also remove both horizontal and vertical hanging dots, and dot crawl.

The result is a razor sharp image.

### General Specifications

- DCDi™ Processing
- 3D 10-bit comb filters
- Auto-detect aspect ratio 16x9 and 4x3
- Can be cascaded with MCC-8004
- Supports Avitech ASCII Protocol (AAP)
- Supports direct TSL Tally / UMD Interface
- Compatible with both Cosmos and Galaxy Control Software
- Dimension: 1/2 RU, 8" W x 10" D, 20.3cm W x 25.4cm D
- Weight: 5 lbs, 2.3 Kgs.
- Power: <30W
- Communication via RS-232

# MEDIA COMMAND CENTER

## MCC-8001U Image Scaler / Processor

### 1 HD / SD-SDI / Composite Video Input and 1 DVI / RGB Output

1 HD / SD-SDI / COMPOSITE VIDEO INPUT



1 DVI / RGB OUTPUT



### INTEGRATED ON-SCREEN DISPLAY (OSD)

#### LABELS:

Up to 32 characters

#### BORDERS:

Display borders

#### TALLY INDICATORS:

2 levels of GPI Tally



### 2 HD / SD-SDI / Composite Video Inputs and 2 DVI / RGB Outputs

2 HD / SD-SDI / COMPOSITE VIDEO INPUTS



2 DVI / RGB OUTPUTS



### DCDi PROCESSING

The MCC-8001U Series uses the latest DCDi technology from Faroudja to optimize its full screen mode regardless of the input format. DCDi is a video mode algorithm that stands for Directional Correlation Deinterlacing.

DCDi, by Faroudja, takes the idea of interpolation to a much higher level. It interpolates based on how objects are moving in a scene, basing its calculations on the "big picture" instead of relying on a limited mathematical model. More specifically, it identifies all of the moving edges in a scene while adjusting the angle of interpolation at each pixel so that the interpolation always follows the edge instead of crossing it.

## HEADQUARTERS

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