

MCC SERIES

MCC-8004 Multiviewers

- Up to 60 CV, HD/SD-SDI inputs in cascaded systems
- DVI/VGA outputs

MCC-8001 Image Scalers

- Powerful video input signal processor, outputs up to 1920x1200 50/60Hz



MEDIA CONTROL CENTER

MCC-8004

OVERVIEW

Modular design

- Cascade up to 15 units together for 60 inputs
- Can be cascaded with VCC-8000 and MCC-8001U modules
- No Single Point of Failure: single module failures do not cause system-wide failure



Support for a range of video inputs

- Series supports PAL/NTSC and HD/SD-SDI inputs up to 1080i
- DVI-I output resolutions up to 1900 × 1200
- DCDi image-enhancing technology



Easy configuration

- Configurable by Galaxy through serial or Ethernet port
- Compatible with ACP software and TACP-100 control panels
- ASCII commands for third party integration

INTEGRATED ON-SCREEN DISPLAY (OSD)



OSD Features

- Tally and dynamic labels
- 3D borders
- Audio meters
- Visual alarms
- On-screen clock

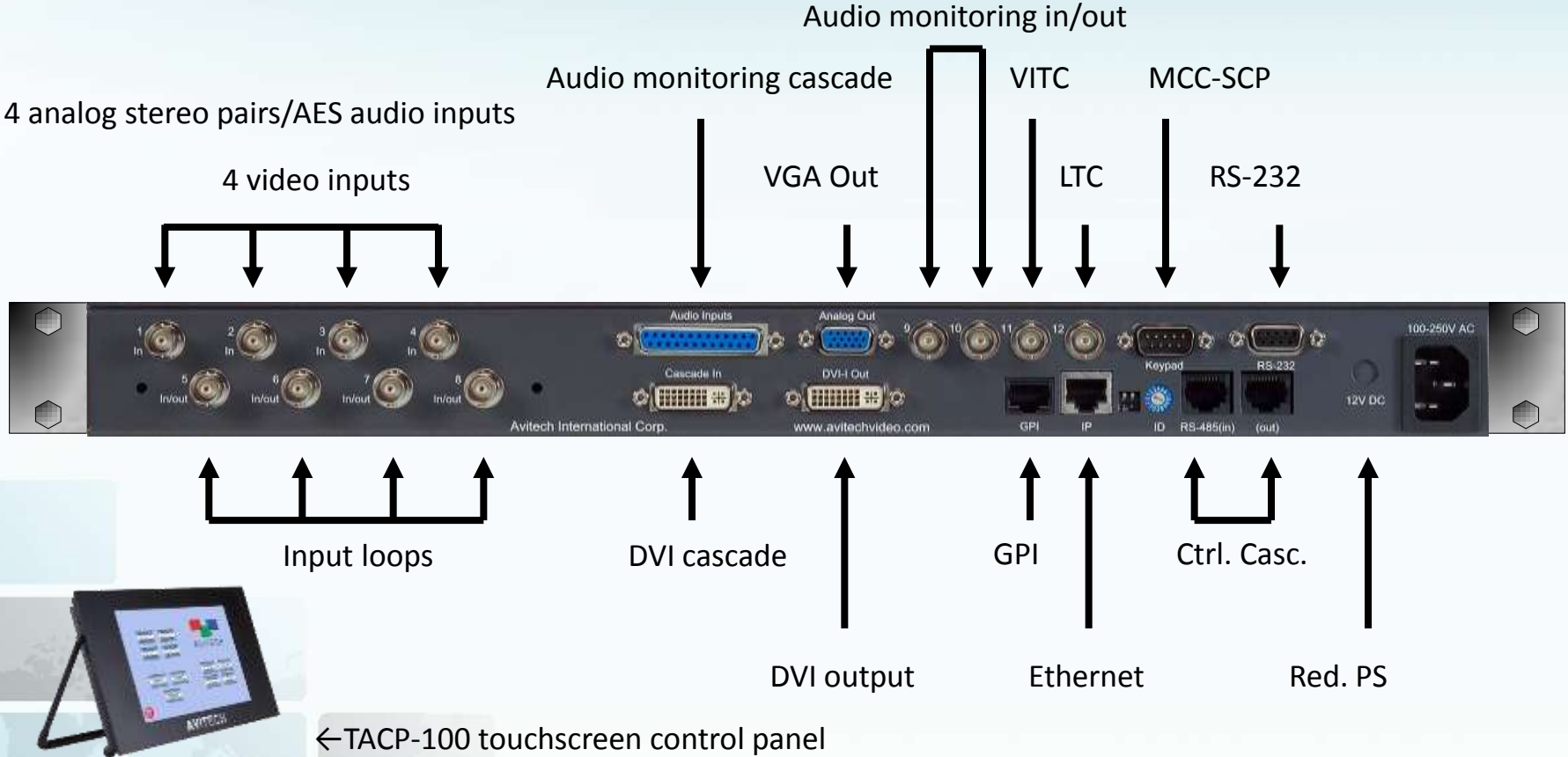
Customizable embedded interface

- Window sizes and positions can be adjusted independently
- Free or fixed A/R (4:3 and 16:9) for each source window
- Any source can be set to Full Screen Mode



Left: Simulated screenshots of sample layouts displaying OSD functions

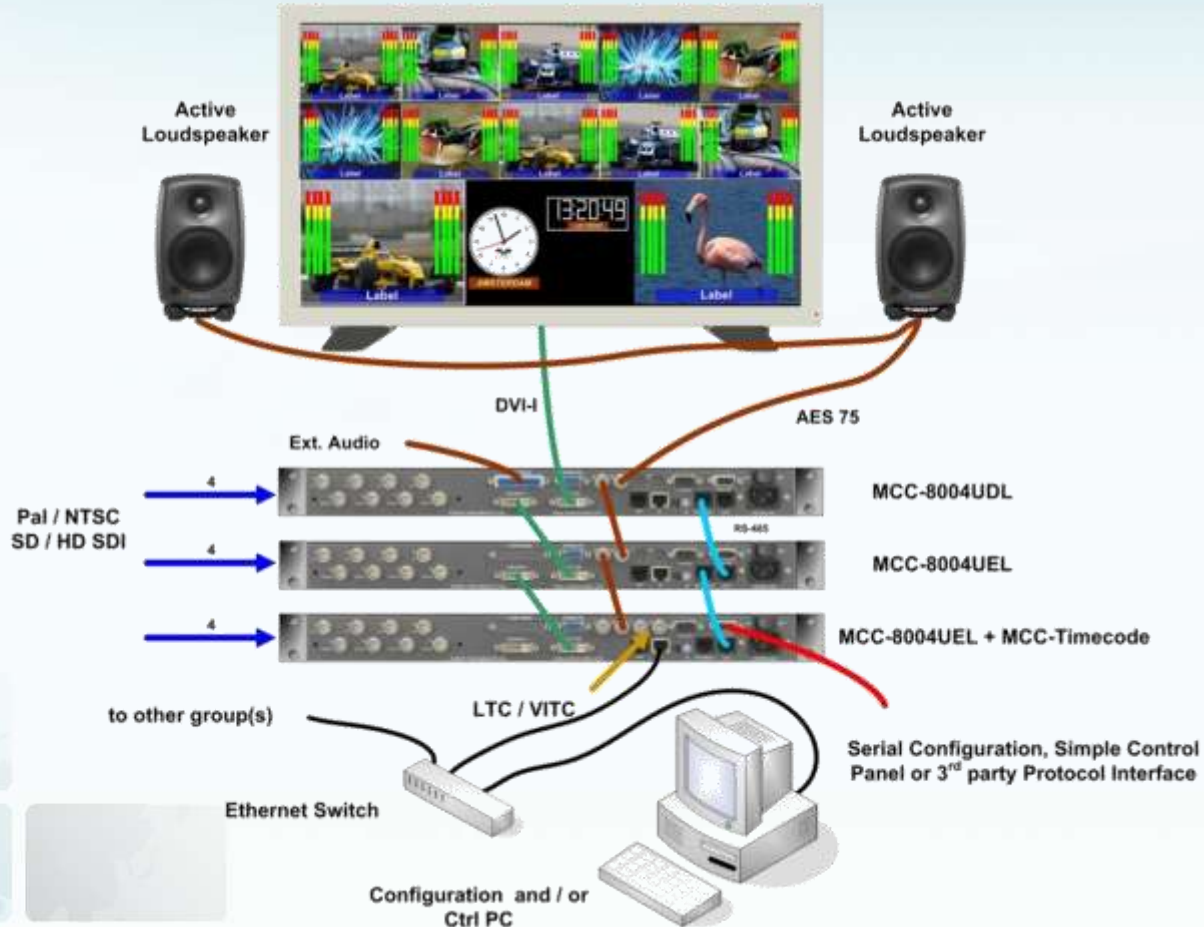
BACK PANEL VIEW



← TACP-100 touchscreen control panel

* MCC-8004UDL model shown – not all models will have the same ports









SAMPLE CONFIGURATION



MODELS

MODEL	PAL/NTSC Inputs	Input Loop	Analog Audio	Embedded Audio	Back Panel View
MCC-8004a	4				
MCC-8004aL	4	X			
MCC-8004aA	4		X		
MCC-8004aAL	4	X	X		

MODELS

MODEL	SD-SDI PAL/NTSC Inputs	Input Loop	Analog Audio	AES Audio	Embedded Audio	Back Panel View
MCC-8004d	4					
MCC-8004dL	4	X				
MCC-8004dE	4				X	
MCC-8004dEL	4	X			X	
MCC-8004dA	4		X		X	
MCC-8004dAL	4	X	X		X	
MCC-8004dD	4			X	X	
MCC-8004dDL	4	X		X	X	

MODELS

MODEL	HD/SD-SDI PAL/NTSC Inputs	Input Loop	Analog Audio	AES Audio	Embedded Audio	DCDi Processing	Back Panel View
MCC-8004U	4					X	
MCC-8004UL	4	X				X	
MCC-8004UE	4				X	X	
MCC-8004UEL	4	X			X	X	
MCC-8004UA	4		X		X	X	
MCC-8004UAL	4	X	X		X	X	
MCC-8004UD	4			X	X	X	
MCC-8004UDL	4	X		X	X	X	

TACP-100 TOUCHSCREEN CONTROL PANEL



Convenient control of modules using up to 64 touch-sensitive graphical buttons

Connect to modules through Serial and Ethernet

800x480 TFT LCD display

Communicate with up to 120 modules

Peer-to-peer multi-user groups of up to five

Associate up to 80 commands with each button

Compatible with MCC-8004, VCC-8000 and Rainier series multiviewers



Upper left: TACP-100 front view

Bottom left: Example GUI configuration

MCC-8001U

OVERVIEW

Features

Input

- Auto-detect HD-SDI, SD-SDI, composite video (CV)

Output

- DVI/RGB – 1024x768, 1280x720, 1280x768, 1280x1024, 1366x768, 1400x1050, 1600x1200, 1920x1080, 1920x1200 50/60Hz

OSD

- Customizable labels
- Border
- Tally indicators

Cascade with MCC-800x

- RS485

Optional redundant power supply available

Right: Simulated screen shot



Label/UMD

- 3-D 10-bit comb filters
- Latest DCDi™ processing

What is a 3D Comb Filter?



Separates brightness and color signals better in 3D domain

Performs field-by-field comparisons of the video image

- Accurately separate the color from the black-and-white information
- Removes both horizontally and vertically hanging dots
- Removes dot crawl

Produces a razor-sharp image

MODELS

MODEL	Input	Output	Back Panel View
MCC-8001U-1	1 CV, HD/SD-SDI	1 DVI and/or VGA	
MCC-8001U-2	2 CV, HD/SD-SDI	2 DVI and/or VGA	
MCC-8001U-4	4 CV, HD/SD-SDI	4 DVI and/or VGA	

* See MCC-8001U [datasheet](#) for more details

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