



**WORLD CLASS PRODUCTION  
LIVE EVENT STAGING  
AND EQUIPMENT RENTAL**



# RENTAL CATALOG

*www.multimediaav.com*  
*2640 S. Raritan Cir. Englewood, CO 80110*

## PROJECTION

### DLP PROJECTORS

#### BARCO UDM-4K22 4K UHD DLP Laser Projector

- 21,500 Lumens, 2200:1 Contrast - Show Quality.
- Inputs: HDMI2.0, Quad 3G/12G SDI/BarcoLink ULTRA, Quad DP1.2, Fiber SFP
- 2200:1 contrast ratio.
- Native 2560 x 1600 resolution. 16:10 aspect ratio. NTSC 480i/p to 4K 4096x2160 UHD resolutions.
- Laser Phosphor light source.
- 120-240 VAC 2400 watts max. NEMA L6-30 connector.
- Built-in integrated Fly Frame.
- (See Additional Lens Chart On Next Page)

#### BARCO HDX-W20 HD 16:10 DLP Projector

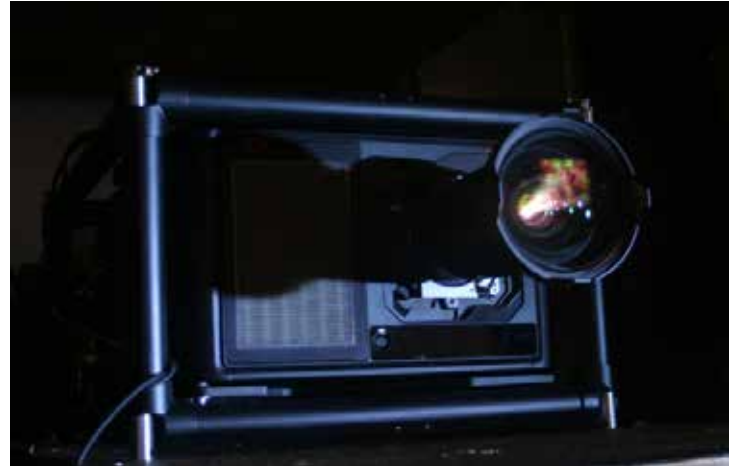
- 20,000 Lumens, 2400:1 Contrast- Show Quality.
- Inputs: DVI-I, SD/HD-SDI dual-link, HD-SDI 3G dual-link, Analog RGBHV BNCx5 (Composite, Component) (no HDMI input)
- Native 1920 x 1200 resolution. 16:10 aspect ratio. NTSC 480i/p to QXGA 2048x1536 HD resolutions.
- 2.5 kilowatt Xenon lamp.
- 200-240 VAC 2850 watts max. NEMA L6-20 connector.
- Built-in integrated Fly Frame.
- (See Additional Lens Chart On Next Page)

#### CHRISTIE WU14K-M UHD 16:10 DLP Projector

- 14,000 Lumens, 2500:1 Contrast - Show Quality.
- Inputs: 2x HDMI, DVI-D, 2x HD-SDI 3G, 2x Display Port, Analog RGBHV BNCx5
- Native 1920 x 1200 resolution. 16:10 aspect ratio. NTSC 480i/p to QXGA 2048x1536 HD resolutions.
- 450-watt x 2 lamp. Built-in redundancy.
- 120 VAC 15A max. NEMA 5-15 connector.
- (See Additional Lens Chart On Next Page)

#### CHRISTIE HD14K-M HD 16:9 DLP Projector

- 14,000 Lumens, 2500:1 Contrast - Show Quality.
- Inputs: 2x HDMI, DVI-D, 2x HD-SDI 3G, 2x Display Port Analog RGBHV BNCx5
- Native 1920 x 1080 resolution. 16:9 aspect ratio. NTSC 480i/p to QXGA 2048x1536 HD resolutions.
- 450-watt x 2 lamp. Built-in redundancy.
- 120 VAC 15A max. NEMA 5-15 connector.
- (See Additional Lens Chart On Next Page)



**BARCO UDM-4K22 4K UHD 3-Chip DLP Laser Projector**

### LCD PROJECTORS

#### CHRISTIE LWU900-DS 16:10 3-LCD Laser Projector

- 9,000 lumens - Show Quality.
- Inputs: HDMI1, HDMI2, 3G-SDI, DP, HD15, RCA
- 4000000:1 contrast ratio.
- Native WUXGA 1920x1200 resolution 16:10 aspect ratio.
- Laser Phosphor light source
- 120 VAC 580 watts max. NEMA 5-20 Connector.
- (See Additional Lens Chart On Next Page)

#### CHRISTIE LWU720i-D 16:10 3-LCD Projector

- 8,000 lumens - Mid to large-sized applications.
- Inputs: 2x HDMI1, 3G-SDI, DP, HD15, RCA
- 65000:1 contrast ratio
- Native WUXGA 1920 x 1200 resolution. 16:10 aspect ratio
- 120 VAC 580 watts Max. NEMA 5-15 Connector
- (See Additional Lens Chart On Next Page)



**CHRISTIE LWU900-DS 16:10 3-LCD Laser Projector**

# Rental Catalog | VIDEO PROJECTION

## LCD PROJECTORS (CONTINUED)

### EIKI EK-308U 6k WUXGA 16:10 3-LCD Projector

- 6000 lumens - Mid-sized applications.
- Inputs: 2x HDMI, 2x HD15/VGA
- 10000:1 contrast ratio
- Native WUXGA 1920 x 1200 resolution  
16:10 aspect ratio
- Manual Short-throw lens 1.07-1.75:1

### EIKI EK-306U 5k WUXGA 16:10 3-LCD Projector

- 5000 lumens - Mid-sized applications.
- Inputs: 2x HDMI, 2x HD15/VGA
- 10000:1 contrast ratio
- Native WUXGA 1920 x 1200 resolution.  
16:10 Aspect Ratio
- Manual Short-throw lens 1.07-1.75:1

## PROJECTOR LENSES

### BARCO DLP HDX and UDM Series Projectors Lens Options

#### 16:10 ratio

TLD+ HD	0.67:1
TLD+ Zoom HD	0.80-1.16:1
TLD+ Zoom HD	1.16-1.49:1
TLD Zoom	1.39-1.87:1
TLD Zoom	1.87-2.56:1
TLD+ Zoom HD	1.80-2.60:1
TLD Zoom	2.64-4.10:1
TLD+ Zoom HD	4.17-6.95:1
TLD+ Zoom HD	6.93-10.3:1

## CHRISTIE DLP

#### 16:10 ratio

M Series	0.67:1
M Series	1.16-1.49:1
M Series (Full ILS)	1.40-1.80:1
M Series (Full ILS)	1.80-2.60:1
M Series (Full ILS)	2.60-4.10:1
M Series (Full ILS)	4.10-6.90:1

## CHRISTIE LCD LVW SERIES

.38:1 Fixed Ultra Short Throw Snorkel  
 1.20-1.81:1 Short Throw  
 1.70-3.00:1 Mid Throw  
 2.80-4.90:1 Long Throw

## FLY BRACKETS

Christie M-Series Stacker Flycage  
 Light-Duty Universal Bracket (<50lbs.)  
 Heavy-Duty Universal Bracket (~75lbs.)



# SCREENS

## ULTRA-WIDE SCREENS

Screens may require MAV personnel for set-up and tear-down. Labor charges will be assessed in addition to the rental rate. Dress Kits and Legs are not available for these screens.

Draper 15'H x 45'W Front Projection OR Dual Screen (with frame)  
 Peroni 10'H x 33'W Dual Screen (with frame)



**Peroni 10'H x 33'W Dual-Vision Screen (with frame)**



## DRAPER STAGESCREEN SCREEN KITS\*

Screens may require MAV personnel for set-up and tear-down. Labor charges will be assessed in addition to the rental rate.

- 8'H X 14'W Front or Rear (16:9 aspect) includes frame  
 Leg Kit  
 Black Drape Kit w/68" skirt
- 9'H X 16'W Front or Rear (16:9 aspect) includes frame  
 Leg Kit  
 Black Drape Kit w/68" skirt
- 11'3"H X 20' W Front or Rear (16:9 aspect) includes frame  
 Leg Kit  
 Black Drape Kit w/68" skirt
- 13'6"H X 24' W Rear ONLY (16:9 aspect) includes frame
- 17'H X 30' W Front or Rear (16:9 aspect) includes frame on request



**Draper/Dalite Fastfold Screen**

## DRAPER ULTIMATE or DA-LITE HD DELUXE SCREEN KITS\*

- 5'X9' UFS Front or Rear Fabric (16:9 aspect)
- 5'X9' Black Drape Kit
- 6.5'X11.5' Front or Rear Fabric (16:9 aspect)
- 6.5'X11.5' Black Drape Kit
- 8'X14' Front or Rear Fabric (16:9 aspect)
- 8'X14' Black Drape Kit w/68" skirt
- 9'X16' Front or Rear Fabric (16:9 aspect)
- 9'X16' Black Drape Kit

## DRAPER ROAD WARRIOR POP-UP SCREENS (FP ONLY)

- 60" Diagonal (4'Wx3'H)
- 80" Diagonal (6'Wx4.5'H)

## TRIPOD SCREENS (FP ONLY)

- 50" x 50"
- 60" x 60"
- 70" x 70"
- 84" x 84"
- 96" x 96"

## LED VIDEOWALL

2.6MM INDOOR ONLY HD LED PANEL 500mmx500mm  
INFiLED Dark Black Series



LED VideoWall Example Shows

## A FEW OF OUR SUCCESSFUL SHOWS



## VIDEO EQUIPMENT

### 8K/4K/HD/SD VIDEO SWITCHERS

#### BARCO S3-4K UHD Switcher Package

Package Includes:

- (1) Barco S3-4K Switcher (3 layers x 8 outputs)
- (1) MAV PC Notebook Computer for GUI Control
- (2) Elgato Stream Deck
- (2) 40" HD LCD Monitor (OPMONs)

MAV technician required to set up & operate at additional labor.

#### Blackmagicdesign ATEM Constellation 8K Switcher Package

Package Includes:

- (1) BMD ATEM Constellation 8K 4 M/E Switcher (12 layers x 40 inputs x 24 outputs)
- (1) BMD 2 M/E Advanced Panel 20 Control Surface
- (2) 40" HD LCD Monitor (OPMONs)

MAV technician required to set up & operate at additional labor.

#### Blackmagicdesign ATEM 2 M/E Constellation 4K Switcher Package

Package Includes:

- (1) BMD ATEM Constellation 2 M/E 4K Switcher (6 layers x 20 inputs x 12 outputs)
- (1) BMD 2 M/E Advanced Panel 20 Control Surface
- (2) 40" HD LCD Monitor (OPMONs)

MAV technician required to set up & operate at additional labor.

#### MAV vMix 4K HD Switcher/Streaming Package

Package Includes:

- (1) Custom MAV i7 PC (8 layers x 8 outputs)
- (1) Elgato Stream Deck XL
- (1) 21.5" HD LCD Monitor (OPMON)

MAV technician required to set up & operate at additional labor.

#### ROLAND V160HD 16-Input Hybrid/Streaming Switcher

INS: 8x SDI, 8x HDMI

OUTS: 3x SDI, 3x HDMI, 1x USB-C

8-layers of vfx, PiP, DSK, etc., 16-still store, PTZ Camera Control

#### ROLAND V800HDMKII 8-Input Switcher

4x SD/HD-SDI, 4x Analog VGA, 4x DVI-I, 4 SD Composite/SD-SDI

Simultaneous Scaled Composite Output, PiP, DSK,

Multi-viewer Monitor Output (HDMI)

#### ROLAND VR-50HD 4-Input HD Video/Audio Mixer

INS: 4x 3G/HD/SD-SDI, 4x HDMI, 2 Analog VGA, 2 SD Composite

OUTS: 3G/HD/SD-SDI, HDMI, VGA, USB3.0 for Streaming

PiP, DSK, Multi-viewer Monitor Output (HDMI)

Built-In 7" Touchscreen, Still Image Store

#### ROLAND V-60HD 4+2-Input HD Video/Audio Mixer

INS: 4x 3G/HD/SD-SDI, 2x HDMI, Analog VGA

OUTS: 2x 3G/HD/SD-SDI, 2x HDMI

PiP, DSK, Multi-viewer Monitor Output (HDMI), Still Image Store



**BARCO S3-4K HD Switcher**



**ROLAND V800HDMKII 8-Input Switcher**

#### BLACKMAGIC ATEM Mini Pro ISO Streaming Switcher

INS: 4x HDMI

OUTS: 1x HDMI, 1x USB-C. PiP, DSK, Still Image Store

#### ROLAND XS-1HD Multi-Format 4x4 HD Matrix Switcher

Inputs: 4 HDMI, Outputs: 4 HDMI

Modes: Switcher, Matrix, Split.

#### BARCO IMAGEPRO II DUAL 6-Input Seamless Switcher

INS: 2 SD/HD/3G-SDI, 1 DVI-I, 1 HDMI, 1 DisplayPort, 1 VGA

OUTS: 2x 3G-SDI, DVI-D, HDMI, DisplayPort, VGA, Composite

#### BARCO PDS-902-3G 9-Input Seamless Switcher

INS: 1 SD/HD-SDI, 4 DVI-I, 4 VGA

OUTS: 2 SD/HD-SDI (PVW, PROG), DVI-I, VGA

#### BLACKMAGIC SMART VIDEOHUB CLEANSWITCH 12x12

Router/Switcher 6G

12 in and 12 out SD/HD/6G SDI

## DISTRIBUTION AMPLIFIERS

xVision HDMI-DA1x4 4K HDMI Distribution Amp w/AC

xVision SDI-DA1x4 SDI Distribution Amplifier w/AC

## CONVERTERS

xVision SDIXHDMI HDMI-SDI Cross Converter w/AC

DECIMATOR MD-HX HDMI-SDI Cross Converter

DECIMATOR 2 SDI to HDMI & Composite Converter

*above item embeds analog audio*

DECIMATOR MD-LX HDMI-SDI Cross Converter

DECIMATOR MD-CROSS HDMI-SDI Cross Converter

DECIMATOR MD-DUCC SDI to HDMI & RGB Converter

DATAVIDEO DAC-70 HDMI/VGA/Audio to SDI Converter

DECIMATOR DAEMON 4-INPUT MULTIVIEWER



## CAMERAS / PACKAGES / SUPPORT

### HIGH DEFINITION BROADCAST FULL STUDIO CAMERA PACKAGE:

#### HITACHI Z-HD6000 3-Chip 1080i CAMERA KIT KIT INCLUDES:

20x Lens, Heavy-Duty Fluid Head Tripod, Studio Configuration Kit, Camera Control Unit (Optical Fiber), CCU Remote, 100 meter Camera Cable (additional lengths of cable are available but may have additional charges)



HITACHI Z-HD6000 with Studio Kit

### TRIPODS & SUPPORT

VINTEN VISION 250/20 Fluid Head Tripod  
SACHLER ACE XL Medium Duty Fluid Head Tripod  
SACHLER ACE L Medium Duty Tripod  
SACHLER ACE M MS Medium Duty Tripod  
LIBEC Medium Duty Tripod  
SPIDERPOD Camera Riser  
VINTEN Camera Dolly  
BOGEN/MANFROTTO Camera Dolly

### CAMERA ACCESSORIES

CANON 35X ENG Lens J35EX15B IASD  
525mm, 1050mm w/2x extender

### CAMERA LIGHTING

STUDIOPRO S-1200BN Bi-Color 1x1 LED LIGHT  
Includes: Tripod, Diffusion Filter, V-lock Battery Compatible.  
MANFROTTO 8LED 5600k CAMERA LED LIGHT  
Camera Mounted Flood/Spot Light  
LIGHTPANELS MICRO CAMERA LED LIGHT  
Camera Mounted Flood/Spot Light

### 4K/HD PTZ ROBOTIC CAMERA PACKAGES:

LUMENS Mid-Level 4K/60 OR 4K/30 2-CAMERA PTZ KIT  
INCLUDES:  
Lumens PTZ Camera Controller, Tripods, 150' CAT5/6 Cable, 150' SDI Cable (additional lengths of cable are available but may have additional charges)

#### Add a camera to package:

LUMENS 4K/60 or 4K/30 PTZ CAMERA

### CAMERAS/CAMCORDERS

JVC ProHD GY-HM650U HD/SD Camera 16:9 1/3" CMOS  
23x Lens, tripod plate. Uses SDHX Media (not incl.)

SONY HXR-NX5U HD/SD Professional Camera 16:9 1/3" CMOS  
Lens, tripod plate. Uses SDHX or SDHC Media (not incl.)

MARSHALL CV502-MB HD POV Camera 16:9, HD-SDI Output  
Lenses: 2.1mm, 12mm, 25mm, 30mm

GOPRO HERO3 Black Edition w/Adventure Pack  
Includes: WiFi Remote, Waterproof Housing, 3-way pivot arm, Quick Release Buckle, Vertical Quick Release Buckle, Flat Mount, Curved Mount, Extended Battery, AV Cable

LUMENS PS752 HD/SD Desktop Document Camera 16:9/4:3  
VGA & HDMI Output. Can record to SDHC Card (not incl.)

LUMENS DC192 Ladibug HD/SD Document Camera 16:9/4:3  
VGA & HDMI Output. Can record to SDHC Card (not incl.)

### COMPUTERS

APPLE MacBook Pro i7 15" Show Notebook Computer  
Latest OSX, Keynote, MS Office 365, Retina Display, USB-C

APPLE Mac Mini i5 Show Computer  
Latest OSX, Keynote, MS Office 365, 23" Monitor, Thunderbolt

Acer Predator i7 Show Notebook PC Computer  
Windows 10 OS, MS Office 365

# HD/SD VIDEO PLAYBACK AND RECORD

DT VIDEO LABS PlaybackPro/RecordPro System  
Apple MacBook Pro Computer, DT Video Labs USB Key.

AJA KiPro ULTRA PLUS 4K 4-channel Recorder  
Apple Pro Res 422 Codec, QuickTime Files, 2x 1TB SSD Drives.

AJA KiPro Go H.264 4-channel Recorder  
H.264 Codec, MP4 Files, USB Flash Drives (client to provide).

AJA KiPro HD Player/Recorder  
Apple Pro Res 422 Codec, QuickTime Files, 500GB and 250GB Firewire Hard Drives Available

Blackmagic HyperDeck Studio HD Plus Player/Recorder  
6G SDI and 4K HDMI inputs, 2x SD Card Slots, (audio must be embedded on SDI/HDMI)

Blackmagic Video Assist 7" 12G HDR Mon/Play/Record  
12G SDI and Ultra HD HDMI inputs, 7" HDR Monitor w/HDR Scope, 2x SD Card Slots, USB-C

MAV Basic Media Player  
PIONEER 3D Blu-Ray/DVD Player  
YAMAHA Blu-Ray/DVD Player  
PIONEER PRO DVD Player

## MONITOR FLOOR STANDS

Premier TV Floor Stand 6' or 7'H  
Premier ROLLING TV Floor Stand 6' or 7'H  
Premier TV Floor Stand 7'H Rotary Mount for 70"/80"/90" TVs  
TV ROLLING Floor Stand 5'H LIGHT-DUTY (up to 40")

DD LCD Confidence Monitor Stand w/Casters

BASIC Monitor KickStand

PREMIER UNIVERSAL BACK PLATE (for client display)



**Blackmagic Video Assist 7" 12G HDR Monitor/Player/Recorder**

## FLAT PANEL TVs & DISPLAYS

90" SHARP HD 1080P LCD-LED Display  
90" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

80" SHARP HD 1080P LCD-LED Display  
80" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

70" SHARP 4K Touchscreen LED Display  
70" Diagonal, 16:9 Aspect Ratio, 4K Native Resolution

70" SHARP HD 1080P LCD-LED Display  
70" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

60" SHARP HD 1080P LCD-LED Display  
60" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

55" SAMSUNG 4K LCD-LED Display  
55" Diagonal, 16:9 Aspect Ratio, 3840x2160 Native Resolution

50" SHARP HD 1080P LCD-LED Display  
50" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

43" SAMSUNG 4K LCD-LED Display  
43" Diagonal, 16:9 Aspect Ratio, 3840x2160 Native Resolution

32" SAMSUNG 4K LCD-LED Display  
32" Diagonal, 16:9 Aspect Ratio, 3840x2160 Native Resolution

32" SHARP HD 1080P LCD-LED Display  
32" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

23" ACER/AOC1080P LCD Display  
23" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution

21.5" ACER 1080P LCD Display  
21.5" Diagonal, 16:9 Aspect Ratio, 1920x1080 Native Resolution



## PRODUCTION SERVICES

### LIVESTREAM, WEBCAST AND CONFERENCE PLAYBACK SERVICES

MAV offers a variety of live streaming and web conferencing turn-key services.

Call for pricing and availability.



## CREATIVE SERVICES

MAV offers a variety of creative services including full scale Pre-Production of story arc, scripting, branding, and onsite event management. Call for pricing and availability.

## CONTENT CREATION SERVICES

MAV offers a variety of content creation services. Including:

- PowerPoint and Keynote design and build.
- Graphics Design and Animation.
- Pre-Produced Videos and Interviews for event use.

Call for pricing and availability.



## VIDEO EDITING SERVICES

MAV offers Digital Non-Linear Editing for Show clients.

Call for pricing and availability.



## TELEPROMPTER SERVICES

Call for pricing and availability.

# A/V EQUIPMENT

## PRESENTATION AIDS

Meeting Owl 3 Auto-Tracking Video Conference Unit  
360-degree tracking camera w/speaker & mic. Streaming.

LUMENS PS752 HD Visualizer/Document Camera  
Desktop Document Camera with VGA and HDMI Output

LUMENS LadiBug HD Visualizer/Document Camera  
Gooseneck Document Camera with VGA and HDMI Output

D'SAN AV 2000 PRO Digital Speaker Timer

D'SAN 4" Large LED Clock Display

D'SAN Perfect Cue Wireless Alert Light and  
Slide Advance System [SINGLE]

D'SAN Perfect Cue Wireless Alert Light and  
Slide Advance System [DUAL]

SMK-LINK JADE 150' Range RF MOUSE w/Green Laser

6' X 4' Dry Erase Board on wheels



**D'SAN AV 2000 PRO  
Digital Speaker Timer with  
D'SAN 4" Large Led Clock Display**



**D'SAN Perfect Cue Wireless Alert  
Light and Slide Advance System**



**LUMENS PS752 HD Visualizer/Document Camera**

## PRESENTATION AIDS CONTINUED

HEAVY DUTY FLIPCHART EASEL w/o Paper & Markers

BASIC FLIPCHART EASEL w/o Paper & Markers

GREEN PEN Laser Pointer

Tripod Easel

Flipchart Pad - 3M PostIt  
\*SALE ITEM ONLY

Flipchart Pad Standard 40 Sheets  
\*SALE ITEM ONLY

Flipchart / Dry Erase Markers  
QTY. (4), \*SALE ITEM ONLY

34"-54" Wide Rolling Cart With Skirt

34"- 42" Narrow Rolling Cart With Skirt

SAFELOCK STAND With Skirt

## LIGHTING

### INSTRUMENTS

All conventional instruments come complete with pipe clamp, color frame, 20A Stage-Pin (3P&G) or 15A Edison (NEMA 5-15) connector and safety cable.

### LED LIGHTS

CHAUVET OVATION REVE E3 Ellipsoidal 15°-30° Zoom HD Lens Full Spectrum LED, 2.8K-8K variable white color temp., virtual color wheel, 367w use = 1kw output. (6 unit minimum rental)  
CHAUVET OVATION E-930VW Ellipsoidal 25°-50° Zoom All White 2.8K-8K variable color temp., 230w use = 750w output  
ETC Source4WRD Gen2 Ellipsoidal 25°-50° Zoom All White 3.2K color temp., 150w use = 575w output  
CHAUVET COLORado BATTEN Q-15 194w LED 3.5' long Bar/Batten type fixture, RGBW. (6 unit minimum rental)  
CHAUVET COLORado BATTEN QUAD-9 TOUR 90w LED 3.5' long Bar/Batten type fixture, RGBW.  
CHAUVET COLORado 1-QUAD ZOOM TOUR 105w LED 16°-48° zoom, RGBW.  
CHAUVET COLORdash PAR-HEX 7 70w LED 23° beam angle, RGBAW+UV.  
COLOR KINETICS COLORBLAST12TR 50w RGB LED 10° standard, 26° lens available.  
City Theatrical PD-375-TRw Wireless 6-unit DMX/Power  
City Theatrical PD-750-TR 12-unit DMX Power Supply  
City Theatrical 5500 WDS Wireless DMX Transmitter  
CHAUVET WellFit Battery 4" 50w RGB LED rented in 6-packs only.  
MAV Best PAR 50 Battery 5" 75w RGBWA+UV LED rented in 6-packs only.  
MAV Wedge Battery 6" 75w RGBWA+UV LED rented in 6-packs only.

### CONVENTIONAL LIGHTS

ETC SourceFour PAR or PARNel, BLACK, 575w

ETC SourceFour Ellipsoidal, 575w  
26° lens included. Additional lenses available.  
19° Lens  
10° Lens

MBT Pinspot

### ETC SOURCE 4 ACCESSORIES

Metal Pattern Holder A or B  
Glass Pattern Holder  
Doughnut for S4 10/19/26/Zoom  
4-WAY BARNDOOR FOR ETC PAR/PARNel/ZOOM

### FOLLOW SPOTLIGHTS

LYCIAN MIDGET 1000W

### MOVING LIGHTS

CHAUVET ROGUE R2 Profile LED Moving head, hard-edge fixture, 240w LED Lamp

CHAUVET ROGUE R1 Wash LED Moving head, wash fixture



**CHAUVET ROGUE R2**

### CONTROLLERS

CHAMSYS MagicQ MQ80 Console  
CHAMSYS MagicQ MQ60 Console  
CHAMSYS QuickQ 30 Console  
CHAMSYS QuickQ 20 Console  
LEPRECON LP-1524 24-CHANNEL  
LEPRECON LP-612 12-CH, 2 SCENE  
CHAUVET 8X1 OPTO SPLITTER/ISOLATOR



**CHAMSYS MagicQ MQ60**

### DIMMING

ETC SENSOR 48x2.4kW Touring Rack Patchable Socopex outputs, Direct Stagepin outputs, Camlock Inputs with pass through, Touring style rack with 48 dimmers.  
ETC SENSOR 24x2.4kW Dimmer Rack 2 Socopex outputs per Dimmer, Camlock Inputs Portable Rack with 24 dimmers  
LEPRECON ULD/LD-360 Dimmer Pack 6X600W (2400w MAX), pipe or floor mount, 6 duplex edison outputs, Dual 20A Edison input.  
LEPRECON ULD/LD-360 Dimmer Pack 6X600W (2400w MAX), pipe or floor mount, 6 duplex edison outputs, Dual 20A Edison input.

**BOX TRUSS**

TOMCAT 12" X 18" LD PLATED BOX TRUSS:  
 12"x18"x10' Section  
 12"x18"x8' Section  
 12"x18"x5' Section  
 12"x18"x2' Section  
 12"x18" 2-way Corner (for vertical arches)  
 12"x18" 4-way Corner  
 12"x18" 6-way Corner  
 12" X 18" Ground Base 24"x24"  
 12" X 18" or 12"x12" Ground Base 36"x36"  
 GRAPPLE Truss Coupler  
 4'-T-bar Truss Topper  
 TOMCAT 12" X 12" LD PLATED BOX TRUSS:  
 12"x12"x10' Section  
 12"x18"x5' Section  
 12"x12" Ground Base 24"x24"

**GROUND SUPPORT**

SUMNER EVENTER 25 125 Crank Up Tower  
 650LB lift capacity  
 AE-L16 16' Crank Up Tower  
 500LB lift capacity. 4' T-bar, 18" Truss Cradle, and Forks available.  
 Please specify when ordering.  
 AE-L13 13' Crank Up Tower w/T-bar  
 AE-L11 11' Crank Up Tower w/T-bar  
 6'-9' ULTIMATE STAND w/T-bar  
 Sand Bag, 15 LB  
 Sand Bag, 25 LB  
 10' Pipe With 50LB Base  
 8' Pipe With 50LB Base

**MOTORS**

CM Lodestar 1/2-ton 16fpm Chain Hoist (3-phase)  
 Includes: Chain Bucket, Cable, Pickle, 80' Chain  
 CM Prostar 1/4-ton 16fpm Chain Hoist (Single-phase)  
 Includes: Chain Bucket, Cable, Pickle, 30' Chain  
 SKJONBERG 8-way 3-phase Motor Controller

**CABLE**

**FEEDER SETS**

#0000 150' SET, 5 COND., CAM-LOK TO CAM-LOK  
 Ground and Neutral are reversed  
 #0000 100' SET, 5 COND.,CAM-LOK TO CAM-LOK  
 Ground and Neutral are reversed  
 #1 50' SET, 5 COND.,CAM-LOK TO CAM-LOK  
 #0000 25' SET, 5 COND.,CAM-LOK TO CAM-LOK  
 #0000 25' TAIL SET, 5 COND.,CAM-LOK TO BARE END  
 Ground and Neutral are reversed  
 #1 25' TAIL SET, 5 COND.,CAM-LOK TO BARE END  
 Ground and Neutral are reversed  
 #1 15' SET, 5 COND.,CAM-LOK TO CAM-LOK  
 CAM-LOK 'T' or Barrel

**SHOW ELECTRICAL DISTRIBUTION**

HONDA 5500 QUIET 40A/120V GAS GENERATOR  
 LEX 100A/208V 3-PHASE DISTRO (outdoor rated)  
 MOTION LABORATORIES 100A / 208V  
 THREE PHASE POWER DISTRO  
 Includes:  
 100A mains breaker  
 100' feeder  
 (2) 30A 3 phase edison drop boxes  
 (2) 50' 30A 5-pin twist-lok cables  
 (1) 100' 30A 5-pin twist-lok cables

OTHER GENERATORS ARE AVAILABLE UPON REQUEST

**RIGGING**

ALUMA-LOCK Airwall Hangers  
 RIGGING Kit  
 \*NOTE: Rigging Kits vary by application. Pricing will be determined by equipment needed.



## AUDIO

### LOUDSPEAKERS

#### SELF POWERED SPEAKERS

QSC LA112 Full Range Active Line Array Speaker  
90°Hx15°V Coverage, 500Wx500W Amplifier, 12"x(2)1.75", can be rigged or ground supported on a tripod stand.

QSC LA108 Full Range Active Line Array Speaker  
100°Hx15°V Coverage, 500Wx500W Amplifier, 8"x1.75", can be rigged or ground supported on a tripod stand.

QSC KLA12 Full Range Active Line Array Speaker  
90°Hx18°V Coverage, 500Wx500W Amplifier, 12"x1.75", can be rigged or ground supported on a tripod stand.

QSC KLA181 Active Flyable Subwoofer Speaker  
1000W Amplifier, 18", can be rigged.

QSC KSub Active Subwoofer Speaker  
1000W Amplifier, Dual 12".

QSC K12.2 Full Range Active Speaker  
75° conical coverage, 2000W Amplifier, 12"x1.4"

QSC K10.2 Full Range Active Speaker  
90° conical coverage, 2000W Amplifier, 10"x1.4"

QSC K8.2 Full Range Active Speaker  
105° conical coverage, 2000W Amplifier, 8"x1.4"



**QSC KLA-12 Full Range Active Line Array Speaker**



**QSC LA112 Full Range Active Line Array**

MACKIE SRM-150 Full Range Active Speaker  
3-input mixer on board

ANCHOR LIBERTY 8000 AC/DC PA System  
Two-way, 1" x 6", 50 watt battery-powered speaker. Mixer and 2 Wireless Mic receivers built-in.

ANCHOR LIBERTY Wireless Mic Transmitter  
Hand Held and Beltpack available. Lapel Mic and Headset Mic available.

ANCHOR LIBERTY 8000 Companion Speaker  
Two-way, 1" x 6", 50 watt speaker powered from master speaker. Includes a 100' proprietary interconnect cable.

ULTIMATE Tripod Speaker Stand  
Black Spandex Speaker Stand Cover  
ANCHOR Tripod Speaker Stand

## MICROPHONES

### LECTERN/PODIUM/TABLE-TOP MICROPHONES

SHURE MX412/S (Standard & Push-To-Talk avail.)  
 SHURE MX418/S (Standard & Push-To-Talk avail.)

### HANDHELD MICROPHONES

SHURE SM-57  
 SHURE SM-58  
 SHURE SM-48  
 SHURE Super 55 Classic Mic  
 AUDIO-TECHNICA AT-811 Condenser Mic

### HEADSET MICROPHONES

COUNTRYMAN E-6 (for Shure wireless)  
 SHURE SM31FH-TQG Fitness Mic (for Shure wireless)

### INSTRUMENT MICROPHONES

SHURE BETA 52A  
 SHURE BETA 98D/S  
 SHURE KSM137 Condenser Mic w./rolloff  
 SHURE KSM44A Condensor Mic w/pattern select & rolloff

SHURE Drum Kit Package (BETA/KSM Series)

Includes:

- (1) Shure Beta 52A Kick Drum Mic
- (4) Shure Beta 98D/S Snare/Tom Mics
- (2) Shure KSM137 Overhead Mics
- (3) Shure SM57 Hi-Hat/Snare Mics
- (6) Mic Stands

SHURE Drum Kit Package (Performance Gear Series)

Includes:

- (1) Shure PG52 Kick Drum Mic
- (3) Shure PG56 Snare/Tom Mics w/drum mounts
- (2) Shure PG81 Overhead Mics
- (2) Shure SM57 Hi-Hat/Snare Mics
- (6) Mic Stands

### BOUNDARY MICROPHONES

SHURE MX690/O w/Push-to-Talk Option Wireless  
*above item includes Shure SLX Series Wireless Receiver*  
 SHURE MX393/O w/Push-to-Talk Option  
 SHURE MX391/O

### WIRED LAPEL MICROPHONES

SHURE MX1BP/MX184 Super-Cardioid Lavalier Mic

### WIRELESS PUSH-TO-TALK CONFERENCE MICROPHONES

SHURE MXC-WAPT Wireless Access Point Head Unit  
 SHURE MXC W640/420 Wireless Base Unit w/Mic  
 \*10 mic minimum to rent and includes battery charging unit(s)



**SHURE MXC-WAPT Wireless Mic and Base Station**

### UHF WIRELESS MICROPHONES

SHURE UHF-UR SERIES 10-PACK RACK

Includes:

- (5) Dual UR Receiver = 10 total receivers, H4 frequency.
- (10) UR1 Bodypack Trans. w/ WL-184 Super-Cardioid Lav Mic
- (10) UR2 Handheld Transmitter w/ Beta 87 Head
- (2) High Q Broadband Directional Antenna
- (1) Broadband Distribution Amplifier

SHURE UHF-UR SERIES DUAL PACK

Includes:

- (1) Dual UR Receiver = 2-channels, H4 or G1 frequency.
- (2) UR1 Bodypack Trans. w/ WL-184 Super-Cardioid Lav Mic
- (2) UR2 Handheld Transmitter w/ Beta 58 Head
- (2) Omni-Directional Antenna

SHURE UHF-ULX-D SERIES QUAD PACK

Includes:

- (1) Quad ULX-D Receiver = 4-channels, All Digital.
- (4) ULXD1 Bodypack Trans. w/ WL-184 Super-Cardioid Lav Mic
- (4) ULXD2 Handheld Transmitter w/ Beta 87 Head
- (2) High Q Broadband Directional Antenna

SHURE UHF-ULX-D SERIES DUAL PACK

Includes:

- (1) Dual ULX-D Receiver = 2-channels, All Digital.
- (2) ULXD1 Bodypack Trans. w/ WL-184 Super-Cardioid Lav Mic
- (2) ULXD2 Handheld Transmitter w/ Beta 87 Head
- (2) High Q Broadband Directional Antenna

SHURE QLX-D SERIES SINGLE COMBO KIT (H50)

Comes with WL184 Lavalier & Beta 87 Hand Held Transmitter  
 SHURE ULX-P SERIES SINGLE COMBO KIT (J1 or H4 freq.)  
 SHURE SLX SERIES SINGLE COMBO KIT (H4 freq.)  
 CATCHBOX Throwable Q&A Mic (wireless TX additional)

SHURE PSM-900 Wireless IEM In Ear Monitor

Includes Shure SE-425 ear buds with selection of inserts.

## AUDIO CONSOLES

ALLEN & HEATH SQ-7 Digital  
48-channel x 36-bus mic/line mixer w/dynamics.  
Includes: Stage Rack(s), 300' Digital Snake

ALLEN & HEATH SQ-5 Digital  
48-channel x 36-bus mic/line mixer w/dynamics.  
Includes: Stage Rack(s), 300' Digital Snake

MIDAS M32 Digital  
32x8 channel mic/line mixer w/dynamics, 16 Outputs.

ALLEN & HEATH Qu-24 Digital  
32-channel (24 XLR) x16-bus mic/line mixer w/ dynamics

ALLEN & HEATH Qu-16 Digital  
22-channel (16XLR) x12-bus mic/line mixer w/dynamics.

ALLEN & HEATH ZED-16FX  
10 XLR inputs / 3 stereo line inputs, USB-B I/O, Effects Engine

ALLEN & HEATH ZED-18  
10 XLR inputs / 4 stereo line inputs, USB-B I/O , 4 AUX

ALLEN & HEATH ZED60-14FX  
8 XLR inputs / 2 stereo line inputs, USB-B I/O, Effects Engine

## BASIC AUDIO MIXERS

ALLEN & HEATH ZED-14  
6 XLR inputs / 4 stereo line inputs, USB-B I/O

ALLEN & HEATH ZED-10  
4 XLR inputs / 2 stereo line inputs, USB-B I/O



**ALLEN & HEATH SQ7**



**MIDAS M32**



**ALLEN & HEATH  
ZED-14**

## AUDIO PLAYBACK AND RECORD DECKS

DT VIDEOLABS INSTACUE  
MacBook Pro with software, USB Key

MARANTZ PMD-670 CF  
Compact Flash Media Digital Solid State MP3 player/recorder

ZOOM H4N MP3 Player/recorder  
SD Media Digital Solid State MP3 player/recorder w/ builtin  
stereo microphones.

**AUDIO SNAKES**

- WHIRLWIND 24-input X 8-return 250'
- WHIRLWIND 24-input X 8-return 150'
- WHIRLWIND 16-input X 4-return 150'
- WHIRLWIND 12-input X 4-return 150'
- WHIRLWIND 12-input 50' Sub-Snake
- WHIRLWIND 6-input 100' Sub-Snake
- WHIRLWIND 6-input 50' Sub-Snake



**CLEAR-COM DX410 INTERCOM**

**DIs & PRESS BOXES**

- WHIRLWIND Active Direct Box
- WHIRLWIND Director Passive Direct Box
- WHIRLWIND Director + DImax Direct Box
- WHIRLWIND PCDI Stereo Direct Box (Computers)
- D'SAN LSP-1 Laptop Sound Port (Computers)
- D'SAN LSP-2 Laptop Sound Port (Computers)
- D'SAN LSP-3 Laptop Sound Port (Computers)
- FOCUSRITE Scarlett Solo 2in/2out USB Audio I/O Interface
- FOCUSRITE Scarlett 4i4 4in/4out USB Audio I/O Interface
- WHIRLWIND PressBox 24 Passive 24 Mic Level Outs
- WHIRLWIND PressPower2 Active 16 Mic/Line Level Outs

**JK Audio ComPak  
Universal Telephone  
Hybrid/Interface**



**COMMUNICATIONS**

**TELEPHONE HYBRID**

COMREX/GENTNER DH-20 Analog Hybrid  
*works with POTS Analog lines only and requires a phone to work*

JK AUDIO ComPak Universal Telephone Interface  
*works with POTS, Digital PBX, VoIP, Cell/Mobile phones*

**RADIOS**

TITAN TR400 2-way Radio  
Radio Accessory (Headset, Remote Mic, Surveillance)

**CLEAR-COM INTERCOM**

2 Channel Base Station  
Headset / Beltpack Combo w/base rental  
Headset (single muff ultralight)  
Beltpack 2-channel and Single Channel  
2-channel Combiner

**CLEAR-COM / HME WIRELESS INTERCOM**

DX410 SERIES 2.4Ghz 6-channel Package  
DX410 SERIES 2.4Ghz 4-channel Package



## A FEW OF OUR SUCCESSFUL SHOWS



# SCENIC / DECOR

## MAV CUSTOM MODULAR SCENIC SYSTEM

### SYSTEM FEATURES

- ▶.....Modular design.
- ▶.....Lightweight aluminum frame and panel construction.
- ▶.....Complete flexibility in configuration and size.
- ▶.....Neutral colored 'platinum loop-lock' panels.
- ▶.....Wide selection of accent colors available upon request.
- ▶.....Tool-free assembly.
- ▶.....Custom matching podiums.
- ▶.....Control 'surround' systems.

Finally, a scenic system that is completely versatile, customizable and available at a reasonable cost. Sleek, cutting edge and very adaptable, our scenic system allows the customer to incorporate logo's, meeting themes and product displays into various custom set configurations. Easy to assemble modular panels offer many creative options, a unique backdrop for important presentations, a great neutral surface for creative lighting applications or a tasteful video screen surround.



**MAV CUSTOM MODULAR SCENIC SYSTEM**

## MAV DRAPE SCAPE SCENIC SYSTEM

Light-weight Modular 20"x20" Relief Panels that connect together with small hooks and can easily hang from a standard Pipe & Drape line or from stand alone P&D hardware. Can be used in as many columns and rows as you prefer for a custom look for your backdrop or room. Two panel styles are available: Ripple and Pyramid.

**SCENIC PRICING VARIES BASED ON CONFIGURATION & LAYOUT. PLEASE CALL FOR YOUR CUSTOM SCENIC QUOTATION**

## MODULAR SCENIC PANELS

Enhance your production with Module Scenic Panels! These spectacular modular panels can serve as a distinctive background or amazing video mapped surface. Call us today to discuss how we can make your next show the one everyone will remember!



**MAV DRAPE SCAPE SCENIC SYSTEM**

### STEALTH WALL



### HONEY WALL



### INFINITY WALL



## PIPE AND DRAPE

Pipe and Drape is quoted per linear foot.  
All drapery is quoted complete with all hardware necessary for installation. Custom colors and sizes are available, per quote.

Standard stock colors available are:  
black, grey, sheer white and presidential blue.

- 3'W X 16'H BLACK VELOUR 15oz
- 3'W X 20'H BLACK VELOUR 15oz
- 10'W X 16'H BLACK VELOUR 15oz
- 10'W X 20'H BLACK VELOUR 14oz.(tie-off or pocket)
- 3'W X 16'H GREY VELOUR 15oz
- 3'W X 16'H PRESIDENTIAL BLUE VELOUR 16oz
- 3'W X 6'H BLACK VELOUR TECH DRAPE 15oz
- 9'6"W X 20'H WHITE VOILE (sheer) 5oz

## LECTERNS

- BRUSHED ALUMINUM LECTERN W/32" Portrait Display and media card reader  
(2x HDMI-SDI X-converter option added to above)  
(PC Laptop Computer option added to above)
- BRUSHED ALUMINUM LECTERN W/32" Display Only
- AWARDS STYLE ACRYLIC LECTERN w/ brushed aluminum corners
- TRUSS LECTERN BLACK CURVED
- ANCHOR OAK LECTERN
- SOUNDCRAFT WALNUT LECTERN

## SCAFFOLDING / CABLE RAMPS / CROWD CONTROL

\*SCAFFOLDING includes 4 screw jacks p/tower & wood planks.

- SCAFF - SINGLE STAGE 5'W x 7'L x 6'H
- SCAFF - SINGLE STAGE 3'W x 5'L x 6'H
- SCAFF SKIRTING
- HEAVY DUTY 4' CABLE RAMP
- STANCHION - Tensa-Barrier, Black w/13' Tape
- BIKE RACK - Aluminum/Silver 8' w/ flat feet



## STAGES

- WENGER StageTek 4'W x 8'L
- WENGER StageTek 4'W x 4'L
- WENGER StageTek 8", 16", 24" Legs no charge w/stage deck rental
- WENGER StageTek 32" & 40" Legs
- WENGER StageTek 8'W x 4'H Guard Rail
- WENGER StageTek 4'W x 4'H Guard Rail
- BLACK SKIRTING up to 40"H
- WENGER 3-Step Stair Unit with Handrails
- WENGER 2-Step Stair Unit with Handrails



**BRUSHED ALUMINUM LECTERN W/32" Portrait Display**





*WORLD CLASS* **PRODUCTION**  
*LIVE EVENT* **STAGING**  
*AND EQUIPMENT* **RENTAL**

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