

2008
RENTAL &
STAGING GUIDE

updated 03.02.08

Equipment Rental, Staging & Production, Trade
Show & Convention Services

Solutions

Today's fast paced world of change, advancements in technology, and demands on business can be confusing. Possibilities exist that never existed before. Capabilities continue to improve, businesses continue to grow, and the demands on professionals everywhere are greater than ever. At APCO AV, we understand the professional demands in today's business climate. Our task is to understand our customer's needs, consider all the possibilities, and find the best possible solution. Our goal: total customer satisfaction.

Our Rental Staff can help you choose from our extensive inventory and make arrangements for delivery and pick-up. We have a rental representative on call 24 hours a day, 7 days a week.

Our Production Staff is available to help organize your audio-visual needs, make arrangements for equipment and services, and oversee your event to insure a flawless performance.

APCO AV has the most extensive, state of the art inventory in the US, Canada and Europe and it is continuously updated with the latest technology. Our equipment is constantly maintained and checked for proper performance before every rental. So, whether your requirements are big or small, our dedicated team will listen and respond to your needs and give the attention to detail you expect.

*Welcome to APCO AV Rental & Staging
We look forward to working with you!*

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Business Hours, Deliveries, Pick-Up & Return

APCO AV RENTALS OFFICE HOURS

Monday through Friday 9:00am - 6:00pm
Closed Saturday & Sunday
Business hours subject to change without notice.

HOLIDAYS

APCO AV offices are closed on the following holidays:

New Years Day, Memorial Day, the Friday following Independence Day (4th of July), Labor Day, Thanksgiving, and Christmas Day & Christmas Eve

EQUIPMENT USE DAYS

Equipment is available for delivery or customer pick up after 3:00pm the day before the first use date and is due back by 10:00am the day after the last use date.

Rental use days are applicable on standard rentals only. Equipment for productions and events is contracted on a "per show" basis. See Production Policies for details.

DELIVERY/PICK UP

Delivery and pick up is available on all items. Our metro delivery or pick up charge is \$100.00 round trip and is based on 24 hour notice. We are able to respond to emergency needs, however a higher rate will be charged.

After hours deliveries or pick-ups will be charged at a \$150.00 minimum.

Deliveries requiring more than one person will be subject to additional charges.

Deliveries requiring truck rental or multiple trips will be subject to additional charges.

TRANSPORTATION

All transportation costs are paid by customer. Reasonable delivery charges will be added for deliveries to airport, bus station, and other common carriers.

AFTER HOURS

APCO AV delivery or pick up of equipment after hours will be charged at a \$125.00 minimum.

There is a \$50.00 fee for customers to pick up or return equipment after hours, Monday through Saturday. A \$100.00 fee will be charged for any time after 10:00pm and before 6:00am, or any time on Sunday.

A Rental Representative is on call 24 hours a day, 7 days a week for emergency situations (excluding holidays listed above). Call the APCO AV Rental & Staging phone number anytime after hours and you will be directed to our paging system.

APCO AV Rental Policies

RENTAL POLICIES

All rates are per day unless otherwise noted. (Sorry, there are no half day rates.)

Weekly rate is three (3) times the daily rate. Monthly Rate is twelve (12) times the daily rate.

A full day's rental will apply to equipment picked up before 3:00 pm or returned after 10:00 am.

Equipment problems must be reported IMMEDIATELY in order to be considered for adjustment. A rental representative is on call 24 hours a day, 7 days a week (excluding listed holidays).

Cancellations of less than 24 hours prior to rental period are subject to a cancellation charge of 50% of the full rental rate. "No-shows" are charged at full rental rate.

Rental prices are subject to change without notice.

EQUIPMENT USAGE

Equipment must be returned in the same condition it was rented. Items returned scratched, dented, or dirty are subject to repair or cleaning charges regardless of working condition.

Failure of equipment to perform due to adverse conditions, improper set-up or improper usage does not release customer from rental charges.

Equipment returned in an extremely cold or frozen state may be subject to additional charges.

Where lamps are required, spares are provided. Customers must return all lamps (including burned out lamps) or replacement cost will be added to the rental invoice.

A reasonable amount of cable (not including CCU Cables) will be supplied with equipment rented from APCO AV. Cable for other purposes or for use with other equipment will be charged at standard rental rates.

There is \$35.00 fee for unreturned manuals.

INSURANCE

Customer must provide a written insurance binder naming APCO AV as loss payee in advance of rental. Otherwise, a nonrefundable damage/loss fee of 7.5% of the total rental is applicable.

This coverage is \$1000.00 deductible and excludes any losses or damage due to negligence.

Customer must provide proof of insurance for rentals outside the continental U.S.

TERMS AND CONDITIONS

All rentals must be secured with a credit card unless on billable account.

APCO AV gladly accepts Mastercard, Visa, Discover and American Express.

Credit applications are to be completed at least one week in advance so that we can have an opportunity to check your credit references. Upon credit approval, terms are net 30 days.

All discounts and specials will be void on orders not paid within terms.

All other rentals require payment at time of pickup.

All rentals are subject to sales tax. Non-Profit Tax Exempt Certificates are required in advance of rentals in order to be tax exempt. Federal tax exempt documents cannot be accepted for exemption from state sales tax.

Staging Services

APCO AV Rental & Staging has trained, experienced production coordinators on staff to handle your event. APCO AV can arrange for projection, I-Mag, multi-camera systems, lighting rigs, audio systems, staging, scenery, and other A/V systems. We can also work with other producers, staging companies, hotels, and audio-visual companies to make your event a success. In addition, APCO AV Production Coordinators can handle:

- *Site Surveys
- *Venue Issues
- *Crew Calls/Labor Management
- *Diagrams
- *Content Creation
- *Technical Consultation
- *Talent/Entertainment Coordination
- *Creative Design
- *Scheduling
- *Broadcasting Needs
- *Budgeting

STAGING POLICIES

For all customers a 50% deposit will be required 10 days prior to show. Customers that are on a APCO AV billable account may pay the remainder with net 30 terms. Otherwise the remainder is due at the conclusion of the show.

Production Coordinators will be available as needed. An appropriate fee will be charged for their time. Fees will be negotiated on a "per show" basis.

Equipment rentals will be contracted on a "per show" basis. Striking equipment and resetting will be considered a new show.

Transportation costs for equipment and staff will be determined on a "per show" basis.

All quotes and proposals are based on information received as of the proposal date. Costs may vary as conditions change.

STAGING POLICIES - continued

Back up equipment can be provided at a minimum rate of 50% of the full rate. Back up equipment is reserved for immediate use in the event of equipment failures. All other applications will be billed at full rate.

Set up days, rehearsal days, and dark days may be subject to additional rental fees.

Labor on quotes and proposals will be based on estimated set-up, operate, and strike times. Conditions that result in longer hours will increase the cost of labor for the event. Labor policies and rates are listed on the next page.

Clients will be responsible for any fees charged by hotels or other venues for the use of our services. (*Note: It is becoming more common for hotels to charge a fee for using providers other than "in-house" audio visual companies.)

In venues where union labor is required, APCO AV will make proper arrangements with the union and bill the customer accordingly.

Meals and breaks for technical staff to be negotiated on a "per show" basis.

Customers will be required to provide lodging for technicians any time an overnight stay out of town is required. For the safety of our technicians, customers may also be required to provide lodging locally for technicians required to stay late at night and return early the next morning.

Per Diems will be charged for any out of town shows. Per Diem is money paid to technicians in the amount of \$45.00 to \$75.00 per day for food, sundries, and other personal expenses. Per-diem amount depends on geographic location. Per-diems will still be charged even if customer provides meals.

Policies and rates are subject to change without notice.

Labor Policies and Rates

HOURLY LABOR

Hourly labor will be billed for each hour worked. Fractions of an hour will be rounded up to the next hour.

Any labor over ten (10) hours in one day, or labor between 12:00 midnight and 6:00am will be billed at time and a half.

Hourly labor may be subject to a four (4) hour minimum.

Travel time for technicians will be billed at an hourly rate.

DAY RATES

Daily rates are based on a ten (10) hour day. Additional time is hourly based on overtime rates.

Technicians must have a minimum of six (6) hours off before a new day rate will begin.

Any shift worked without six (6) hours off from previous shift will be billed at overtime rates.

All labor for out of town events will be billed for on a daily rate. Travel time will also be billed.

OVERTIME & DOUBLE TIME

Overtime is billed for any labor beyond ten (10) hours in a day, excluding meal breaks, and is billed at time and a half (1.5) of hourly rate. Overtime rates will also be applied to anytime worked on listed holidays.

Double time is billed for any labor beyond sixteen (16) hours in a day, or anytime after 10 hours on holidays. Double time is billed at twice the hourly rate.

Labor beyond 10 hours in one day AND between 12:00 midnight and 6:00am will be billed at double time.

Any labor for events not using APCO AV equipment will be billed at double time.

HOLIDAYS

Holiday Labor will be billed at overtime rates. These holidays include: New Year's Day, Memorial Day, Easter, Independence Day (4th of July), Labor Day, Thanksgiving Day and the following Friday, Christmas and Christmas Eve.

LABOR RATES

Standard Labor - per hour	\$ 42.50
Overtime Labor - per hour	\$ 63.75
Audio Engineer - per day	\$500.00
Camera Operator - per day	\$425.00
Lighting Director/Designer - per day	\$500.00
Prompter Operator - per day	\$425.00
Video TD or Engineer - per day	\$500.00
Audio/Video Lighting Assistant - per day	\$425.00
Projectionist - per day	\$425.00
Graphics, Video Editor - per day	\$500.00
Producer/Director - per day	\$600.00

UNION LABOR

Certain venues require the hiring of union employees. The policies and rates differ among local unions. In order to better serve our customers and to maintain good working relationships with local unions, APCO AV will arrange all union labor on events that we coordinate and bill accordingly.

Most union venues require a four hour minimum for all union employees.

Load In/Out will typically require hiring stage hands to move equipment.

Operation of some types of equipment will require hiring union labor.

Labor rates vary according to type of labor, time of day, and day of week.

Multi-Camera & Video Switcher Systems

APCO AV has Multi-Camera Systems and Switcher Systems ideally suited for studio or on-location multiple camera productions and I-Mag presentations. APCO's multi-camera systems set up quickly and easily. All racks are fully pre-wired and have patch panels located on the rear to provide easy interconnection between racks and outboard gear. All camera systems include cameras, tripods, studio configurations, and intercom. Custom configurations, including special camera lensing, video playback, and accessories are available for an additional charge. Ask a APCO Production Coordinator for details and pricing.

System 1

8-Input Switching System with Engineering Station

Switcher Station

- 1) Sony DFS-700 Cpst/Cpnt, SDI Switcher
- 2) Sony PVM-8044Q Monitors
- 5) GVG Max 900 Cpnt Video DA's
- 8) Sony 4" B&W Source Monitors
- 8) GVG 8501 Video DA's
- 1) GVG SCB-100 Signal Generator
- 1) Stereo Audio Monitor
- 1) Clear-Com MS-232, 2-Channel Base Station

Engineering Station

- 2) Sony PVM-8042Q Monitors
- 1) GVG 10XL Tech/Monitoring Switcher
- 1) Tektronix 1740A Waveform Monitor
- 1) Sony CCU-TX7 Triax CCU per Camera
- 1) Clear-Com RM-220 2 Channel Station
- 1) Sony RCP-TX7 CCU Remotes per Camera

Accessories

Triax CCU Cables for each camera

- 1) Clear-Com Headset & Beltpack for Producer

Tripods & Studio Configs for each camera

- 2) Clear-Com Headsets for use with racks

All necessary cables

- 1) Clear-Com Headset per camera

Multi-Camera & Video Switcher Systems - *continued*

System 2

8-Input Switching System with Built-In Routing, Production Monitoring, and Engineering

Switcher Station (2 racks)

- | | |
|--|--|
| 1) Sony DFS-700 Component/SDI Switcher | 1) Pesa 16 x 16 Component Router |
| 2) Sony PVM-1354Q Monitors for PGM/PVW | 1) Pesa 16 x 16 Composite Router |
| 8) Sony PVM-8042Q Source Monitors | 1) Pesa 16 x 16 Stereo Audio Router |
| 10) GVG M931 Component Video DA's | 2) Pesa Router Control Panels |
| 8) GVG 8501 Composite Video DA's | 1) Clear-Com SB-440 4 Ch/Matrix Base Station |
| 1) GVG SCB-100 Sync Generator | 1) Audio Monitor |

Engineering Station

- | | |
|--|---|
| 1) Sony PVM-1354Q Monitor | 4) Sony CCU-TX50 Triax CCU (as needed) |
| 1) Tektronix 1740 Cpnt/Cpst Waveform/Vectorscope | 4) Sony RCP-TX50 CCU Remotes (as needed) |
| 2) Sony MPU-F100 Frame Sync/TBC | 3) Leitch VDA-683 Composite Video DA's |
| 1) GVG 10XL Tech Isolation Switcher | 1) Clear-Com RM-220 2-Ch Intercom Station |
| 1) Pesa X-Y Router Control Panel | |

Accessories

- | | |
|--|--|
| Triax CCU Cables for each camera | 1) Clear-Com Headset & Beltpack for Producer |
| Tripods & Studio Configs for each camera | 2) Clear-Com Headsets for use with racks |
| All necessary cables | 1) Clear-Com Headset per camera |

System 3

4-Input switching system for use with 0-2 cameras

System Rack Accessories

- | | |
|--|--|
| 1) Sony DFS-300 Component Switcher | 26 Pin CCU Cables for each camera |
| 2) Sony PVM-8044Q Monitors | Tripods & Studio Configs for each camera |
| 1) Sony PVM-4B1U Quad B&W Monitor | 1) Tektronix 1740 Waveform/Vectorscope |
| 1) Sony CCU-M5 for each camera (up to 2) | 1) Clear-Com Beltpacks & Headsets per camera |
| 1) Sigma 8x4 Matrix Switcher | 1) Clear-Com Headset for Switch Op |
| 5) 1 x 6 Composite Video DA's | 1) Clear-Com Headset & Beltpack for Producer |
| 1) 1 x 6 Y/C DA | |
| 1) Composite/YC to RGBS Transcoder | |
| 1) Component to RGBS/HV Transcoder | |
| 1) Clear-Com MS-232 2 Channel Base Station | |

Multi-Camera & Switcher Systems – Rates

System 1

2 Camera System	\$1400.00
3 Camera System	\$1900.00
4 Camera System	\$2400.00

System 2

2 Camera System	\$1800.00
3 Camera System	\$2300.00
4 Camera System	\$2800.00
5 Camera System	\$3300.00
6 Camera System	\$3800.00

System 3

System Rack (no cameras)	\$ 600.00
With 1 Camera	\$ 900.00
With 2 Camera	\$1200.00

Operation

An APCO video engineer is required to operate APCO Multicamera Systems. Exceptions can be made for those customers who can prove proficiency in video engineering. Ask a APCO Production Coordinator for details.

Optional Accessories

Video Playback & Record Racks	Call for quote
Folsom ViewMax Scan Converter	\$ 175.00
Spiderpod Camera Platform	\$ 45.00
Spiderpod w/ Expansion Web	\$ 65.00
Tripod Dollies	\$ 15.00
Telescript Executive Prompter	\$ 350.00
Listec A-6000 Teleprompter	\$ 200.00
50 x 1 Lens	\$ 500.00
33 x 1 Lens	\$ 350.00
20 x 1 Lens	\$ 75.00
Telex Wireless Video Broadcast System	\$ 400.00
Clear-Com RM-440 4 Channel Station	\$ 50.00
Clear-Com TW-40 Radio Interface	\$ 25.00
Clear-Com FL-1 Call Flasher	\$ 15.00

Seamless Graphics/Multi-Screen Switch Systems

APCO's Graphics Switching Systems are ideally suited for live events that utilize sources of various resolutions and scan rates. These systems allow you to cut, wipe, & dissolve between sources such as video, computers, & even HDTV. Multi-Screen systems are designed for true matrix seamless switching with effects between multiple screens. Single-Screen systems can incorporate up to 2 cameras. (**Due to the complexity of these systems it is recommended that Multi-Screen Systems requiring cameras use a dedicated Multi-Camera System. Contact an APCO Production Coordinator for details.*)

APCO's Graphics Switching Systems set up quickly and easily. All racks are fully pre-wired. Rack lids convert to tables for controllers, monitors, & other auxiliary equipment.

Multi-Screen Seamless Graphics Switch System

Systems Rack

- 2-3) Extron SGS-408 Seamless Graphic Switchers
- 2-3) Extron RCP-1000 Remote Control Panels
- 1) Extron ECP-1000 Event Control Panel
- 1) Extron Crosspoint Plus 12 x 8 RGBHV Router
- 2) Extron MCP-1000 Multi-Function Remote Panel
- 8) Extron ADA 6 300 Hi Rez RGBHV 1 x 6 DA's
- 2) Extron CD-900 Quad Standard Decoders
- 2-3) Extron PA-250 RGBHV Line/Peaking Amps

Accessories

- Preview & Program Data Monitor per Screen
- Computer Interfaces (up to 4 included)
- Intercom Base Station
- Intercom Headset/Beltpack (up to 4)
- VTG-200 Test Signal Generator
- RGBHV Cable (up to 50 Meters per Screen)
- RGBHV Cable for Equipment Hook Up

Pricing

2-Screen System	\$1000.00
3-Screen System	\$1500.00
4-6 Screen Systems	call for quote

**Ask an APCO Production Coordinator about special SGS pricing when used with one of our multi-camera systems*

Seamless Graphics/Ultra-Wide Screen Switch Systems

APCO's Encore Switching System by Barco Events combines seamless switching between various sources with edge-blending technology to produce ultra-wide images of up to 60' wide. This system not only allows you to cut, wipe, & dissolve between sources such as video, computers, & even HDTV, but also incorporates picture-in-picture windows to imbed moving video into graphic backgrounds. (**Due to the complexity of these systems it is recommended that Multi-Screen Systems requiring cameras use a dedicated Multi-Camera System. Contact an APCO Production Coordinator for details.*)

APCO's Graphics Switching Systems set up quickly and easily. All racks are fully pre-wired. Rack lids convert to tables for controllers, monitors, & other auxiliary equipment.

Multi-Screen Seamless Graphics Switch System

Systems Rack

- 2-3) Encore Video Processors with 2 M/E each
- 1) Encore Controller SC
- 2) Graphics Computers
- 1) Extron Crosspoint Plus 12 x 8 RGBHV Router

Accessories

- Preview & Program Data Monitor per Screen
- Computer Interfaces (up to 4 included)
- Intercom Base Station
- Intercom Headset/Beltpack (up to 4)
- TG-200 Test Signal Generator
- RGBHV Cable (up to 50 Meters per Screen)
- RGBHV Cable for Equipment Hook Up

Pricing

1-Encore Video Processor 2 M/E	\$800.00
Encore Controller SC	\$900.00

**Ask an APCO Production Coordinator about special Encore pricing when used with one of our multi-camera systems*

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Cameras

Studio Cameras

Studio camera kits include lens, camera adapter, tripod plate, A/C power supply or batteries & dual charger.

Sony DXC-D35WS (3) 2/3" CCD w/ D.S.P & Clear Scan Camera with switchable 16:9/4:3 Aspect Ratio	\$350.00
Sony DCX-D50WS The next generation in DXC-series cameras with Power HAD EX CCD sensor and 12-bit A/D conversion	\$350.00

Camcorders

All camcorders include a lens, tripod plate, A/C power supply, batteries, charger, and manual.

XDCam

Sony PDW-F330	Switchable HD and SD recording, switchable 16:9/4:3 aspect ratio	\$650.00
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Betacam SP

Sony PVW-D35	Professional/ SP only (DXC-D35 + PVV-3)	\$400.00
Sony PVW-D35/50 WS	Professional/ SP only (DXC-D35WS + PVV-3)	\$425.00
Sony DXC-D35/50 WS/BVV-5	Professional/ Oxide	\$425.00
or SP (DXC-D35/50 + BVV-5)		\$450.00

HD/DVcam

Panasonic HVX200	DVCPProHD, HD, DV, 1080i, 24p	\$350.00
FS150 Firestore	90 minutes of P2 storage	\$175.00
Sony HDRFX1	3 CCD, HDV, 1080i	\$250.00
Sony HDRZ1U	3 CCD, HDV, 1080i	\$250.00

DVCam

Sony DSR-135	Professional Digital (DXC-D35 + DSR-1)	\$375.00
Sony DSR-135WS	Professional Digital 16:9 (DXC-D35WS/D50WS + DSR-1)	\$425.00

DV

Sony PD-150/170	3- CCD / Digital Handycam, LCD Display -with wide angle adapter	\$150.00 \$175.00
Canon XL-2	3CCD DV, 16:9, 4:3, 24p	\$250.00
Panasonic AG-DVX100AP	3CCD DV, 4:3, 24p	\$225.00

S-VHS

Panasonic AG-456	1- CCD Camcorder w/Effects	\$ 75.00
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VHS

Panasonic AG-188	1- CCD Camcorder	\$ 75.00
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Cameras - *continued*

Specialty Cameras

Remote Pan/Tilt Camera

Sony EVI-D30 Remote Controlled Pan/Tilt, Single chip	\$100.00
Sony BRC-300 Robotic Color Camera	\$175.00
Sony RMBR-300 - BRC 300 Joystick controller	\$100.00

POV/Lipstick Camera

Toshiba IK-M41A Single 1/2" CCD "Point of View" Camera	\$175.00
POV Waterproof Housing Includes 20 Meter Cable	\$ 50.00

Document Cameras

Lighted stand with attached camera	\$125.00
Samsung SDP950 High-Resolution Document Camera	\$175.00

Camera Lenses & Accessories

Camera Lenses

Canon KH20X6.4 KRS	HD Broadcast 20x6.4 Hot shoe mount		\$175.00
		w/camera	N/C
Canon J22ex7.6B4 WRSE	Broadcast 22x I.F. w/2x 16:9 Switchable		\$175.00
Canon J20ax8B4 IRS	Broadcast 20x8 I.F. w/2X, 2/3" Sony Mount		\$150.00
		w/camera	\$ 75.00
Canon J15x8B4 IRS	Broadcast 15x8 I.F. w/2X, Sony Mount		\$100.00
		w/camera	N/C
Canon J15x8B4 WRS	Broadcast 15x8 I.F. w/2x , 16:9 Switchable		\$150.00
		w/camera	N/C
Canon J16ax8B4 WRS	Broadcast 16x8 I.F. w/2x , 16:9 Switchable		\$150.00
		w/camera	N/C
Zoom Through Wide Eye	Wide Angle Converter		\$ 50.00

Camera Lenses & Accessories - *continued*

Lens Controls

Canon Remote Zoom Control	Hot Shoe or Non-Hot Shoe Lens	\$ 20.00
Canon Remote Focus Control	I.F. or Non I.F. Focus Blocks	\$ 20.00

Series 9 Filters

Black Pro Mist	\$ 5.00
UV Haze, Clear	\$ 5.00
Rotating Polarizer (RotaPola)	\$ 7.00
4 Point Star	\$ 7.00
6 Point Star	\$ 7.00
Other Filters Available - Please call for pricing	

Studio Configuration Kits - Includes (1) 5" viewfinder, (1) remote zoom control & (1) remote focus control

Studio Configuration for Canon Lens	\$ 65.00
Studio Configuration for Fuji Lens	\$ 65.00

Camera Accessories

Camera Control Units

Sony CCU-M5	Camera Control Units for DXC series camera	\$ 75.00 w/camera \$ 60.00
Sony CCU-TX7	Camera Control Units For DXC Series Camera	\$150.00
Sony CCU-TX50	Camera Control Unit For DXC D50 cameras	\$150.00
Sony CCU-D50	Control Unit for DXC-D50L/D50WSL	\$150.00

Camera Adapters

Sony CA-537	Professional Dockable Camera Adapter for DXC Series Cameras, 26 Pin Output	\$ 40.00
Sony CA-325B	Industrial Dockable Camera Adapter for DXC Series Cameras, RGBS, Y/C, & Composite Output	\$ 35.00
Sony CA-511	Docks BVV Series Recorders to DXC Series Cameras	\$ 45.00
Sony CA-D50	Professional Dockable Camera Adapter For DXC D50 Cameras	\$ 40.00
Sony TX7	Professional Triax Dockable Camera Adapter For DXC D35 & D35ws Cameras	\$ 75.00
Sony TX50	Professional Triax Dockable Camera Adapter For DXC D50 Cameras	\$ 75.00

Camera Accessories - *continued*

Playback Adapters

Sony VA-500	Color Playback Adapter for Broadcast Camcorders, Video + 4 Channel Audio	w/camera	\$ 50.00 \$ 25.00
Sony VA-300	Color Playback Adapter for Industrial & Pro Camcorders, Video + 2 Channel Audio	w/camera	\$ 50.00 \$ 25.00

Viewfinders

DXF-51 5" B&W Studio Viewfinder			\$ 25.00
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Camera A/C Power Supplies

AC-550 Broadcast/Professional Camera Power Supply, 14V			\$ 20.00
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Camera Batteries & Chargers

Anton Bauer Digital Pro Pac 14	14.4V Brick Battery w/ meter, 60 Watt Hours		\$ 20.00
Sony NPF-960	Lithium-Ion Battery for Sony DV Camcorders		\$ 7.50
Sony NPF-730/330	Lithium-Ion Battery for Sony DV Camcorders		\$ 5.00
Anton Bauer Quad Charger	Charges 4 Brick Batteries		\$ 20.00

Tripods, Dollies & Platforms

Tripods

Vinten Petrel	Professional studio tripod w/Pantographic balance systems, weight capacity up to 100lbs		\$ 85.00
Vinten 250	Professional Studio Tripod weight capacity up to 66 lbs		\$ 65.00
Sachtler 25	Professional Fluid Head Studio Tripod, weight capacity up to 66 lbs		\$ 55.00
Sachtler 18	Professional Fluid Head ENG Tripod, weight capacity up to 44 lbs		\$ 45.00
Sachtler 14	Industrial Fluid Head Tripod, for use with smaller cameras		\$ 25.00
Camcorder Tripod	For light weight cameras, palmcorders, & Handycams		\$ 10.00

Tripods, Dollies & Platforms - *continued*

Dollies

Sachtler Dolly S	Sachtler Tripod Dolly for use with Model 25	\$ 15.00
Sachtler Dolly 14	Sachtler Tripod Dolly for use with Sachtler 14	\$ 10.00
Vinten Dolly	Vinten Tripod Dolly for use with Vinten 5, 22, & 250	\$ 15.00

Tripod Platforms

Spider Pod	Portable Tripod Riser and Standing Platform w/ Case. Stands 24" Tall.	\$ 45.00
Spider Pod w/ Web	Standard Spider Pod w/ Four 2'x2' Interlockable Standing Platforms	\$ 65.00

Camera Support & Teleprompters

Wireless Video Systems

Telex Cam Link II 200	Broadcast Wireless Transmitter, Triple Diversity Receiver & Antennas	\$300.00
Telex Cam Link II 100	Monitoring Wireless Transmitter, Portable D/C Receiver, Monitor & Antennas	\$150.00

Teleprompters

Telescript LT	Executive Speech Prompter System 2-17" podium monitors with mirror view assemblies, stands, & tri-fold monitor shroud	\$350.00
Listec A-6000	Computer Based Camera Prompter with 13" Monitor, Glass, & Tripod Mount Requires tripod with weight capacity of 60 lbs. or more	\$200.00

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Video Production Equipment

Video Switchers

Sony DFS-700*	Component/SDI w/Composite & Y/C Board	\$500.00
Sony DFS-300* 4 Input	Component or Composite DME Switcher	\$250.00
Panasonic WJ-MX50	4 Input Composite or Y/C w/ Effects	\$175.00
GVG 10XL	10 Input Composite Switcher	\$ 50.00
Panasonic WJ-220	6 Input Vertical Interval Switcher	\$ 20.00
Sigma AVF-100	6 Input Video/Audio Passive Switcher	\$ 10.00
Robot MV99P	9 x 1 Composite Video Multiplexer	\$ 30.00

Time Base Correctors

Sony MPU-F100 RGB,	S-Video or composite TBC	\$125.00
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Character Generators / Still Store

AVS Graphics Elite	Broadcast Character Generator with Logo Composer	\$200.00
Videonics TM-3000	Basic Industrial Character Generator	\$ 75.00

DA's, Transformers & RF Modulators

Panasonic AG-DA100	1 x 10 Composite Video /Stereo Audio DA	\$ 35.00
Extron CVDA 6 MX	1 x 6 Composite Video DA	\$ 20.00
Sigma VDA-100	1 x 6 Composite Video DA	\$ 20.00
Extron CV EQ1	Composite Video/Stereo Audio Long Peaking Amp	\$ 10.00
Video/Audio DA	1 x 3 Video / Stereo Audio DA (All RCA)	\$ 15.00
Humbucker	Video Isolation Transformer	\$ 10.00
RF Modulator	Video / Mono Audio RF Modulation	\$ 10.00
RF-DA	1 x 4 RF DA	\$ 10.00

Test Equipment

VideoTek TVM-621	Composite Waveform/Vectorscope Combination	\$ 85.00
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Time Code Readers, Generators, & Translators

Horita WG-50	Time Code Reader	\$ 15.00
Horita TC-50	Time Code Reader/Generator	\$ 25.00

Signal Generators

Horita CSG-50	Color Bar Generator	\$ 20.00
Horita BSG-50	Black Signal Generator	\$ 20.00
Extron VTG-200	Video/Data Pattern Generator	\$150.00
Sony DSG-10	Hand Held Pattern/Color Bar Generator	\$ 50.00

**Equipment that is part of a rack mounted system. Rental will require an un-racking & re-racking fee of \$100*

Video Decks, Recorders, Players, & Editors

Record Racks

Record Racks come with Video Monitors, Audio Mixer, Time Code Generator, Switcher for monitoring, DA's for Composite or Component Video, Stereo Audio, GenLock & Time Code, and Stereo Headphones for audio monitoring. Racks can be configured with any combination of video recorders. Contact an APCO Production Coordinator for pricing & details.

XDCam

Sony PDW-F70 XDCAM	XDCAM HD Recording Deck, DVCAM	\$325.00
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Betacam SP

Sony PVW-2800	Professional Editing Recorder, SP only 2 Channel Audio, Built-in TBC	\$300.00
Sony PWV-2650	Professional Editing Player w/ Dynamic Tracking 2 Channel Audio, Built-in TBC	\$300.00
Sony BVV-5	Broadcast Dockable Recorder, Oxide or SP Four Channel Audio	\$200.00
Sony PVV-3	Professional Dockable Recorder, SP Only	\$150.00
Sony UVW-1800	Industrial Editing Recorder, SP only	\$200.00
Sony UVW-1600	Industrial Editing Player, SP only	\$150.00
Sony UVW-1400A	Industrial Recorder, SP only	\$150.00

HDDV Cam

Sony PDW-F330 XDCAM HD	HD, 16:9, multi frame rate, 3 chip camera	\$ 650.00
Sony PDW-F70 XDCAM HD Deck	HD with DVCam playback	\$ 325.00

DV Cam

Sony DSR-45	DVCam player / recorder, ILink I/O	\$150.00
Sony DSR-1500	Professional Player/Recorder, also plays DV & DVCPro Cpst, Component, SDI, IEEE1394, & Time Code In & Out	\$250.00
Sony DSR-1500A	Same as DSR-1500, also capable of recording in DV	\$250.00
Sony DSR-40	Professional Player/Recorder, also plays DV	\$150.00
Sony DSR-30	Player / Recorder, also plays Mini DV	\$100.00
Sony DSR-1	Professional Dockable Recorder	\$175.00

Hard Disc

Grass Valley Turbo	Three channel disk recorder, up to 40 hrs Quicktime, Windows Media, MPEG2	\$350.00
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Video Decks, Recorders, Players, & Editors – continued

S-VHS

Sony SVO-5800	Studio Editing Recorder w/ Built-in TBC Balanced XLR In & Out	\$175.00
Sony SVP-5600 Balanced XLR In & Out	Studio Editing Player w/ Built-in TBC	\$150.00
Panasonic AG-7350	Non-Editing Player / Recorder	\$ 60.00
Sony SVO-2000	Non-Editing Player / Recorder w/ Tuner	\$ 60.00

3/4"

Sony VP-9000	Basic SP Player	\$ 75.00
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Hi-8

Sony EVO-9850	Editing Recorder w/ Built-in TBC Balanced XLR In & Out, PCM & AFM Audio	\$150.00
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8MM

SONY EVO-510	Player Recorder	\$ 25.00
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VHS

Standard VCR	Player / Recorder w/Tuner	\$ 25.00
HiFi VCR	Stereo HiFi Player / Recorder w/Tuner	\$ 35.00
Panasonic AG-W3	Multi-Standard (NTSC, PAL, SECAM) HiFi Player / Recorder	\$ 90.00

DVD Recorder

Pioneer PRV-LX1	DVD Recorder	\$300.00
Insignia	DVD Recorder/ player & VHS & VHS Recorder/Player	\$100.00
DVD Player	Standard DVD player	\$ 25.00
DVD PS Player	DVD Player W component out & Progressive Scan	\$ 35.00

Accessories

SVRM-100 Jog / Shuttle	Remote for Sony Video Decks	\$ 15.00
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Video & Data Monitors

Plasma Displays

Pioneer PDP-502MX	50" 1280 x 768, 16:9 Plasma Display	\$450.00
Sony PFM-42X1	42" 1280 x 768, 16:9 Plasma Display	\$350.00
Panasonic TH-42PHD8UK	42" 1024 X 768, 16:9 Plasma Display	\$350.00
Hitachi CMP-307XU	37" 1024 x 768, 4:3 Plasma Display	\$275.00
Plasma Stand /Base	2-Pole stand and floor base	\$ 50.00

LCD Monitors

Sharp PN455	45" 2-Megapixel, 1920 x 1080 (1081i) HD Resolution	\$500.00
NEC LCD2010X	20.1" 1280 x 1024 Active Matrix TFT	\$125.00
NEC LCD1830	18" 1280 x 1024 Active Matrix TFT	\$100.00
DATACHECK 2600	LCD Monitor Bridge, (6) 2.5" Color	\$100.00

Video Monitors

Sony PVM-5041 5"	Hi-Resolution Field Monitor, A/C or Battery	\$ 25.00
Sony PVM-8041Q 8"	Field Monitor, A/C or Battery	\$ 25.00
Sony PVM-14N1U 13"	Studio Monitor, A/C	\$ 25.00
Sony PVM-14N2U/M2U 13"	Studio Monitor, A/C	\$ 25.00

Television Monitor/Receivers

20" TV Monitor	Standard 20" Monitor/Receiver	\$ 30.00
27" TV Monitor	Standard 27" Monitor/Receiver	\$ 50.00
35" TV Monitor	Standard 35" Monitor/Receiver	\$100.00
50" Rear Projection TV	50" Projection Monitor/Receiver	\$175.00

TV/VCR Combos

Combo 20	20" VCR/TV Combo	\$ 50.00
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Multisync Monitors

NEC XM-2950	27" XGA Video Monitor, CRT	\$200.00
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Video & Data Projection

S-XGA (1280 x 1024+) Video/Data Projectors

Barco R12 Plus	1400x1050, 13000 ANSI Lumens, 3 chip DLP	\$2400.00
Barco R6 Plus	1400x1050, 6000 ANSI Lumens, 3 chip DLP	\$1400.00

XGA (1024 x 768) Video/Data Projectors

Eiki LC-XT3	1024 x 768 LCD, Resolutions up to 1600 x 1200 10,000 ANSI Lumens, 1100:1 Contrast	\$1000.00
Eiki LC-X5	1024 x 768 LCD, Resolutions up to 1600 x 1200 6,500 ANSI Lumens, 1100:1 Contrast	\$ 800.00
Eiki LC-X4	1024 x 768 LCD, Resolutions up to 1600 x 1200 5,200 ANSI Lumens, 800:1 Contrast	\$ 500.00
Eiki LC-XG200	1024 x 768 LCD, resolutions up to 1280 x 1024 3200 ANSI Lumens, 800:1 Contrast Lens shift & multiple inputs	\$ 250.00
Eiki LC-XB28	XGA resolution, 3000 ANSI lumen	\$ 200.00
Eiki LC-XB25	XGA resolution, 2500 ANSI lumen	\$ 175.00
Epson PowerLite 730C	1024 x 768 LCD, resolutions up to 1600 x 1200 2000 ANSI Lumens, 400:1 Contrast Ultra-Portable, only 4.3 pounds	\$ 150.00

Projection Accessories

Eiki Lenses (for use in LC-XT3, LC-X5, & LC-X4 Projectors)

1.2:1 Fixed	Fixed Manual Lens	\$125.00
1.42-1.84:1	Powered Short Zoom Lens	\$125.00
2.05-2.64:1	Powered Short Zoom Lens	\$ 75.00
2.63-3.65:1	Powered Medium Zoom Lens	\$125.00
3.38-4.39:1	Powered Medium-Long Lens	\$125.00
4.29-6.0:1	Powered Long Through Lens	\$150.00

Projection Accessories

AVStack6K	Heavy duty, adjustable stacking/rigging frame 6000 Series BARCO Projectors	\$ 50.00
Projector Platforms	Hanging Platforms for smaller projectors	\$ 5.00
Scaffolding Unit	Package Including: (2) Frames, (2) Scissor Braces, (4) Screw Jacks, (3) Planks	\$ 50.00
Multi-Level Units	Additional Units for multilevel scaffolding	\$ 25.00

Special Purpose

Extron ADA 2/GLI 350	1 x 2 RGBHV DA w/Ground Loop Isolator, 350 MHz	\$ 50.00
Extron GLI 350	RGBHV Ground Loop Isolator	\$ 25.00
Extron PA-250	RGBHV Line Amplifier with EQ	\$ 30.00
Extron CV EQ 1	Composite Video/Stereo Audio Long Peaking Amp	\$ 10.00
Allen Avionics HEC-1000	Video Isolation Transformer (Humbucker)	\$ 10.00

Projection Screens

Truss Style Fast-Fold Screens

Truss Style Screens have heavy duty, dual frame constructed hardware. Surfaces have a 6-inch black border and square (not rounded) corners on both front and rear surfaces. Recommended for larger venues. Includes front or rear projection surface.

15' x 20'	15' x 20' projected area, 16' x 21' actual frame size	Screen	\$250.00
12' x 16'	12' x 16' projected area, 13' x 17' actual frame size	Screen	\$200.00
		Drape Kit	\$200.00
10.5' x 14'	.5' x 14' projected area, 11.5' x 15' actual frame size	Screen	\$150.00
		Drape Kit	\$150.00
9' x 12'	9' x 12' projected area, 10' x 13' actual frame size	Screen	\$125.00
		Drape Kit	\$125.00

MonoBlox Style Screens

Monoblox Style Screens are a rugged, single tube constructed frame with spring loaded latches and internal bracing. Surfaces have a 4-inch border and square corners. Screen size indicates viewable area, not outside dimensions of screen. Includes front or rear projection surface.

10.5' x 14'	10.5' x 14' Projected Area, 4:3 Aspect Ratio (Outside Dimensions)	Screen	\$150.00
		Drape Kit	\$150.00
9' x 12' '	9' x 12" Projected Area, 4:3 Aspect Ratio (9'8" x 12'8" Outside Dimensions)	Screen	\$100.00
		Drape Kit	\$100.00
7.5' x 10'	7.5' x 10' Projected Area, 4:3 Aspect Ratio (8'2" x 10'8" Outside Dimensions)	Screen	\$ 75.00
		Drape Kit	\$ 75.00
6' x 8'	6' x 8' Projected Area, 4:3 Aspect Ratio (6'8" x 8'8" Outside Dimensions)	Screen	\$ 50.00
		Drape Kit	\$ 50.00

Tripod Screens

96" x 96"	Tripod Screen	\$ 25.00
84" x 84"	Tripod Screen	\$ 25.00
100" Diagonal	Tripod Screen	\$ 25.00
70" x 70"	Tripod Screen	\$ 25.00
60" x 60"	Tripod Screen	\$ 25.00
50" x 50"	Tripod Screen	\$ 25.00

Computer & Display Interfacing and Switching

Computer Interfaces

Extron RGB 202 Rxi VTG	2 Input Universal Interface Kit, 300 MHz, RGBHV Out	\$ 60.00
Extron RGB 109 Plus/109 xi	Dedicated VGA Interface, 300 MHz, RGBHV Out	\$ 35.00
Extron RGB 112 Plus	Dedicated 13W3 Interface, 300 MHz, RGBHV Out	\$ 35.00

Scan Converters & Line Doublers

Folsom Research View-Max	Broadcast Quality Scan Converter	\$ 250.00
Extron USP-405	Scan Converter, Scaler, Transcoder	\$ 175.00
Extron USP-405 SDI	USP-405 with SDI Input and Output	\$ 200.00

Seamless Graphic Switchers

Extron SGS-408	8 Input Seamless Graphic Switcher	\$ 350.00
Folsom Presentation Pro II	8 Input router / scaler, SD and HD	\$ 375.00
Folsom Encore	Video Processor, ultra wide screen, Switching and effects controller	\$1700.00

Matrix Switchers

Extron Crosspoint 128HVA	12 X 8 RGBHV & Stereo Audio Matrix Switcher	\$ 350.00
Extron MAV16X16	16x16 matrix switcher	\$ 150.00

VGA & RGBHV Switchers

RGBHV Switcher	4 or 6 Input RGBHV Switcher, 350 MHz	\$ 50.00
VGA Switcher	6 Input VGA Switcher, 350 MHz	\$ 50.00
VGA Switcher	4 Input VGA Switcher, 350 MHz	\$ 35.00

Distribution Amplifiers

RGBHV DA's	4 or 6 Output RGBHV DA, 300 MHz	\$ 50.00
Extron ADA 2/GLI 350	2 Output RGBHV DA w/Ground Loop Isolator, 350 MHz	\$ 50.00
VGA 1 x 2 DA	2 Output VGA DA, 270 MHz	\$ 25.00
VGA 1 x 4 DA	4 Output VGA DA, 300 MHz	\$ 40.00

Special Purpose

Extron GLI 350	RGBHV Ground Loop Isolator	\$ 25.00
Extron PA-250	RGBHV Line Amplifier with EQ	\$ 30.00
Extron P2-DA1	VGA Line Amplifier	\$ 10.00

A/V Projection Equipment

Overhead Projectors

Overhead Projector	Includes spare lamp	\$ 30.00
Opaque Projector		\$ 40.00

16mm Projection

16mm Film Projector, Auto Load or Slot Load	\$ 25.00
Eiki 2000N 16mm Film Projector, Xenon High Intensity	\$125.00

Slide Projection

35mm Slide Projector w/ 4"-6" Zoom Lens, Remote, Carousel, and Spare Lamp	\$ 35.00
Wireless Remote for 35mm Slide Projector	\$ 25.00
Chief 35mm Projector Stacker	\$ 15.00

Slide Projection Lenses

Kodak 2.5", 4"-6" Zoom, 7"	\$ 10.00
Buhl 1.4", 2.0", 8.5", 9.0", 9.5"	\$ 10.00
Isco 1.0", 2.4"-4.3" Zoom, 4.3"-7.75" Zoom	\$ 15.00
Navitar 7"-11" Zoom	\$ 20.00
Navitar 2" PC Lenses	\$ 25.00

Slide to Video Converter

Elmo TRV-35H	35mm Slide to Video Converter, Genlockable	\$125.00
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Cue Light

D'San DoCue Cue Light	Wired - \$ 15.00
	Wireless - \$ 25.00
Perfect Cue	Wired/Wireless Combo - \$ 40.00
	\$ 60.00

Speaker Timers & Lights

D'San AV-1000 Speaker Timer	\$ 25.00
D'San ASL-1000 Audience/Speaker Signal Light	\$ 50.00

General Audio-Visual

Document Cameras

Elmo EV-500AF	Visual Presenter, Genlockable, Composite, Y/C, and RGBS Outputs	\$ 125.00
Elmo EV-400	Visual Presenter, Genlockable, Composite Outputs	\$ 50.00
Canon RE-350	Video Visualizer, Genlockable, Composite, Y/C, and RGBS Outputs	\$ 125.00
SamSung SDP 950	Hi Resolution, 1024x768, Y/C, Composite VGA out	\$ 175.00

Slide to Video Converter

Elmo TRV-35H	35mm Slide to Video Converter, Genlockable	\$ 150.00
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Pipe & Drape

Pipe and Drape is charged per linear foot @ 50% fullness and includes drapery and hardware.

16' x 4.5' Black Velour Drape Panels & Hardware	\$ 6.00/ft
50" x 48" Black Velour Drape Panels & Hardware (ideal for tech positions)	\$ 4.00/ft

A/V Miscellaneous

Flipchart Easel	\$ 10.00
Flipchart Pad (purchase only)	\$ 10.00
Display Easel	\$ 10.00
Wooden Display Easel	\$ 20.00
Whiteboard w/Stand	\$ 15.00
Pocket Laser Pointer	\$ 15.00
Speaker Timer	\$ 20.00
Safelock Stand w/ Skirt	\$ 5.00
26" Cart w/ Skirt	\$ 5.00
34" Cart w/ Skirt	\$ 5.00
42" Cart w/ Skirt	\$ 10.00
54" Cart w/ Skirt	\$ 15.00
Wooden Portable Lecturn	\$ 30.00
Portable Podium	\$ 30.00
Portable Podium with Sound	\$ 45.00
Carpeted Floor Podium	\$ 50.00
Acrylic Floor Podium	\$100.00

Audio Equipment & Accessories

Microphones

Shure SM-58/SM-58S	Handheld, Uni-Directional Dynamic Mic	\$ 25.00
Countryman M4HP	Super-Cardioid Shotgun Mic w/Wind Screen	\$ 25.00
Sennheiser ME-20	Cardioid Shotgun Mic w/Wind Screen	\$ 25.00
Sony ECM-672	Super-Cardioid Shotgun Mic w/Wind Screen	\$ 25.00

Lavalier Microphones

Shure MX-184BP	Wired, Uni-Directional WL-184 Lavalier Mic	\$ 25.00
Sony ECM-66B	Wired, Uni-Directional Lavalier Mic, 70-14KHz	\$ 25.00
Sony ECM-55B	Wired, Omni-Directional Lavalier Mic, 30-18KHz	\$ 25.00
Sony ECM-44B	Wired, Omni-Directional Lavalier Mic, 40-15KHz	\$ 25.00
Shure WH-10/WH-20	Head Worn Mics, requires wired or wireless Beltpack	\$ 25.00

Wireless Microphones

Shure UHF Series Diversity	UHF Wireless System ("A" or "B" Band) includes U4S (U4D for dual systems) receiver	
	Handheld/Lavalier/Single Receiver Kit	\$ 125.00
	(2) HandHeld & (2) Lavalier Dual Receiver Kit	\$ 200.00
	Antenna Distribution System (A or B Series)	Call for Pricing
Shure ULX-P Series Diversity	UHF Wireless System, Includes ULX-P4 Receiver, WL-184/ULX1 Lavalier, and SM-58/ULX2 HandHeld	\$125.00
Shure UP4 ENG Wireless	Field Production UHF Wireless Lavalier Battery Operated	\$ 60.00

Audio Conference System

TOA Conference Systems	TS-700 Center Amplifier	\$ 35.00
	TS-701 Chairman Station & Mic	\$ 20.00
	TS-702 Delegate Station & Mic	\$ 20.00

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Audio Equipment & Accessories – *continued*

Audio Mixers

YAMAHA 01V96	24 Channel, Stereo, Digital with effects	\$200.00
Mackie 808S	8 Channel w/Effects and Built-in 600W Amplifier	\$100.00
Mackie 1604-VLZ Pro	16 Channel Mic/Line Stereo Mixer	\$ 75.00
Mackie 1402-VLZ Pro	14 Channel Stereo Mixer	\$ 50.00
Shure FP-410	4 Channel, Auto Level, XLR Mic/Line Mixer	\$ 45.00
Shure M-367	6 Channel, Mono XLR Mic/Line Mixer, AC or DC	\$ 30.00
Shure M-267	4 Channel, Mono XLR Mic/Line Mixer, AC or DC	\$ 20.00
Shure FP-33	3 Channel, Stereo XLR Field Mixer, AC or DC	\$ 35.00
Shure FP-31	3 Channel, Mono XLR Field Mixer, AC or DC	\$ 25.00
US Audio Mix-6	6 Channel Stereo Rackmount Mixer	\$ 25.00

Audio Decks

360 Systems Instant Replay	Digital Instant Replay System 2.0	\$100.00
Tascam DA-302	Dual DAT Recorder	\$125.00
Panasonic SV-3700 DAT	Studio DAT w/Balanced XLR Inputs/Outputs	\$ 45.00
Tascam 112mkII	Industrial Studio Cassette Recorder	\$ 35.00
Marantz PMD-221/222	Portable Stereo Cassette Recorder	\$ 25.00
Marantz PMD-660	Digital recorder W/ Flash Card	\$ 60.00
CD Player	Single or 5 Disc Carousel	\$ 25.00
Sony Cassette Duplicator	1 to 3 Copies	\$ 65.00

Telephone Interfaces

Gentner DH-22 2	Line Digital Hybrid Interface w/Null, AGC, Auto Mix-Minus, & Ducking	\$100.00
JK Audio Compack	Field Digital interface	\$ 60.00
JK Audio InnKeeper	Digital Phone Interface	\$ 60.00

Processors & Transformers

DBX 2231	1/3 Octave Graphic Stereo EQ	\$ 30.00
DBX iEQ 31	1/3 Octave Digital Graphic Stereo EQ	\$ 40.00
Matchbox II	Stereo XLR to RCA Active Transformer	\$ 10.00
DXA-4	Stereo Mic/Line XLR to Mini Interface for high end camcorders	\$ 15.00
Direct Box	Countryman Type-85 or Proco AV1	\$ 15.00
Sescom TR-153	XLR to Stereo Mini Mic Matching Transformer	\$ 5.00
Sescom TR-136	XLR to Stereo Mini Line Matching Transformer	\$ 5.00

DA's

Shure FP-16	1x6 XLR DA, Mic or Line	\$ 22.00
Sescom MB-2	Field News Bridge, XLR Mic DA	\$ 45.00

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Audio Equipment & Accessories – *continued*

Audio Accessories

Mic Floor Stand	\$ 3.00	Ultimate Speaker Stand	\$ 5.00
Mic Boom Arm	\$ 3.00	Beta Box, 2 Channel Snake	\$ 15.00
Mic Desk Stand	\$ 2.00	12 Channel XLR Snake, 50'	\$ 30.00
Sony Headphones	\$ 5.00	Fishpole, Long or Short	\$ 10.00
Sennheiser Headphones	\$ 5.00	Shockmount for Fishpole	\$ 5.00

Speakers

Mackie SRM450	2-Way Powered Speaker w/12" Woofer	\$ 50.00
Mackie SWA1801	18" Powered Sub-Woofer	\$100.00
EV Eliminator, 15"	2 Way Speaker w/15" woofer	\$ 35.00
EV Eliminator Sub,	18" 18" Sub-Woofer	\$ 35.00
JBL Powered EON 10	EON 10 with Built-in Amplifier	\$ 35.00
JBL Unpowered EON 10	EON 10 Non-Powered	\$ 25.00
JBL EON Sub	15" Sub-Woofer with Built-in Amplifier	\$ 45.00
Anchor AN-1000X	Self Powered Speaker with Stand	\$ 25.00
Califone PA-300	Self Powered Speaker with Stand	\$ 20.00

Amplifiers

Mackie 808S	8 Channel w/Effects and Built In 600W amplifier	\$100.00
Crown XLS 602	2 channel Amplifier 600W per Channel	\$ 40.00

Intercom

ClearCom SB-440	4 Channel Base Station w/Matrix Assign	\$ 50.00
ClearCom RM-440	4 Channel Remote Station	\$ 30.00
ClearCom MS-232	2 Channel Base/UserStation	\$ 25.00
ClearCom RM-220	2 Channel Remote Station	\$ 15.00
ClearCom PK-5	Single Channel Power Supply	\$ 10.00
ClearCom RS-501	Single Channel Beltpack w/Headset	\$ 15.00
ClearCom TW-40	2-Way Radio Interface	\$ 25.00
ClearCom FL-1	Call Flasher w/Hand Set	\$ 15.00

Wireless Intercom

Telex BTR-800 UHF Wireless Intercom Base Station

Telex TR-800	UHF Beltpack & Headset	\$ 60.00
	Base Station and (1) Beltpack/Headset	\$ 120.00
	Base Station and (2) Beltpacks/Headsets	\$ 180.00
	Base Station and (3) Beltpacks/Headsets	\$ 240.00
	Base Station and (4) Beltpacks/Headsets	\$ 300.00

Sound System Packages

XR-20 Rack Systems

XR-20 Rack includes: Crest XR-20 Twenty-Input Mixing Console, dbx 1046 Quad Compressor/Limiter, dbx 2231 Stereo 1/3 Octave Graphic EQ, Tascam CDA-500 CD/Cassette Deck, Power Supply, and all needed cables and adapters.

with 2 Mackie SRM-450 Speakers and Stands	\$350.00
with 2 Mackie SRM-450 Speakers and Stands and 1 Mackie SWA-1801 Subwoofer	\$425.00
with 4 Mackie SRM-450 Speakers and Stands	\$450.00
with 4 Mackie SRM-450 Speakers and Stands and 2 Mackie SWA-1801 Subwoofers	\$600.00
with 6 Mackie SRM-450 Speakers and Stands	\$550.00
with 6 Mackie SRM-450 Speakers and Stands and 2 Mackie SWA-1801 Subwoofers	\$700.00
with 8 Mackie SRM-450 Speakers and Stands	\$650.00
with 8 Mackie SRM-450 Speakers and Stands and 2 Mackie SWA-1801 Subwoofers	\$800.00
with 10 Mackie SRM-450 Speakers and Stands	\$750.00
with 10 Mackie SRM-450 Speakers and Stands and 2 Mackie SWA-1801 Subwoofers	\$900.00

1402 VLZ Rack Systems

1402 VLZ Rack includes: Mackie 1402 VLZ Fourteen Input Mixer, dbx 1046 Quad Dual Compressor/Limiter, iEQ31 Optical Stereo 1/3 Octave Graphic EQ, Tascam CDA-500 CD/Cassette Deck, Power Supply, and all needed cables and adapters.

with 2 Mackie SRM-450 Speakers and Stands	\$250.00
with 2 Mackie SRM-450 Speakers and Stands and 1 Mackie SWA-1801 Subwoofer	\$325.00
with 4 Mackie SRM-450 Speakers and Stands	\$350.00
with 4 Mackie SRM-450 Speakers and Stands and 2 Mackie SWA-1801 Subwoofers	\$425.00
with 2 JBL Eon 10P Speakers and Stands	\$200.00
with 4 JBL Eon 10P Speakers and Stands	\$275.00
with 2 JBL Eon 10P Speakers and Stands and 2 JBL Eon Subwoofers	\$300.00
with 4 JBL Eon 10P Speakers and Stands and 2 JBL Eon Subwoofers	\$375.00

Sound System Packages – *continued*

Professional Sound Systems

APCO AV provides a wide variety of professional sounds systems including bi-amped and line array systems.

JBL Line Array System Speech	\$1600.00
8 Vt4888DP Powered Line array speakers (4 Per side)	
2 Vt4888AF Array Frame	
JBL Line Array System Video Playback	\$1900.00
8 Vt4888DP Powered Line array speakers (4 Per side)	
2 Vt4888AF Array Frame	
2 JBL Custom Dual 18" Sub	
JBL Line Array System Video Playback	\$2900.00
12 Vt4888DP Powered Line array speakers (6 Per side)	
2 Vt4888AF Array Frame	
4 JBL Custom Dual 18" Sub	
Speaker Rigging Package	\$500.00
4 Motors Half Ton Model F 3-Phase with 60' Chain	
Speaker Ground Stack Package	\$120.00
2 4'x8' Decks or 5'x5' Scaffolding	
JBL Vertec VT4888DP Powered Line array speakers	\$175.00
JBL Vertec VT4888 Large Array Frame	\$100.00
JBL Custom Dual 18" Sub	\$150.00
Front Fill Package	\$200.00
Yamaha M7CL-48 Professional Digital Mixing Console	\$400.00
48 mono microphone/line inputs, 4 stereo inputs, (a total of 56 mixing channels)	
16 mix buses, LCR bus, 8 matrix channels, and 8 DCAs assignable to 16 omni outputs. Virtual effect and EQ rack: up to 4 simultaneous multi-effect processors; up to 8 simultaneous 31-band graphic EQs.	
1 CD/Cass Deck	
1 Uninterruptible Power Supply	

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Concert Audio Snake System	\$450.00
Whirlwind Concert Snake System	
1 56 Pair Transformer Isolated Split	
1 250' Main Snake	
1 10' FOH Fan-out	
1 25' Split Fan-out	
2 50' 12-Channel Stage Snake	
2 100' 12-Channel Stage Snake	
Large Audio Snake System	\$350.00
Whirlwind Concert Snake System	
1 56 Pair Transformer Isolated Split	
1 250' Main Snake	
1 10' FOH Fan-out	
Performance Microphone Kit 1	\$300.00
6 Shure SM58 Vocal Mic	
4 Shure SM57 Instrument Mic	
1 Shure Beta 52A Instrument Mic	
1 Shure Beta 91 Kick Drum Mic	
3 Shure Beta 98 D/S Drum Mic	
2 Shure KSM141 Large Diaphragm end Addressed Condenser	
2 Shure KSM32 Side Address Condenser	
4 Radial J48 Active Direct Box	
Performance Microphone Kit 2	\$200.00
4 Shure SM58 Vocal Mic	
2 Shure SM57 Instrument Mic	
1 Shure Beta 52A Instrument Mic	
3 Shure Beta 98 D/S Drum Mic	
2 Shure KSM141 Large Diaphragm end Addressed Condenser	
2 Radial J48 Active Direct Box	

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Video Lighting

Lighting Instruments*

Lowel Tota	Wide angle light ideal for fill light, 500 or 750 watt, clear or frosted lamps	\$ 15.00
Lowel Omni	Focusing light ideal for key or back light, includes barndoor & handle, 600 watt lamp	\$ 15.00
Lowel DP	Higher intensity focusing light for key or back light, includes barndoor, 1000 watt lamp	\$ 20.00
Lowel LC-55 Rifa Light	Small Soft Box with diffuser, 500 watt lamp	\$ 30.00
Lowel LC-66 Rifa Light	Medium Soft Box with diffuser, 750 watt lamp	\$ 35.00
Lowel LC-88 Rifa Light	Large Soft Box with diffuser, 1000 watt lamp	\$ 40.00
Lowel Light Array	Portable fluorescent instrument with flicker free ballast, holds six (6) 4' fluorescent lights	\$ 50.00
Lowel Pro-light	Small focusing AC or DC light ideal for camera mount or hand held applications. Includes barndoor & diffuser glass. 250 watt/120volt or 100 watt/12 volt	\$ 15.00
Lowel Pro-light w/Battery Belt	100 watt/12 volt only	\$ 30.00
Anton Bauer Ultralight II	Small camera mount light, plugs into Anton Bauer battery mount. DC only. 25 watt/12 volt lamp	\$ 15.00

Accessories

Bo-Flex Reflectors w/Holder	42" Silver/White Reflector	\$ 5.00
Matthews Flag	12" x 18" Flag	\$ 2.00
Matthews Silk	12" x 18" Silk	\$ 2.00
Matthews Scrim	12" x 18" Single or Double Scrim	\$ 2.00
Matthews C-Stand	Century Stand, 4' to 10'	\$ 5.00
Matthews Grip Head	Multi-Purpose Grip Head for C-Stand	\$ 3.00
Matthews Extension Arm	20" or 40" Extension Arm for C-Stand	\$ 2.00
Matthews Clamp	Spring loaded clamp w/light pole	\$ 3.00
Lowel Stand	DP or Omni Stand	\$ 3.00
Lowel Tota-Clamp	Supports medium weight lights	\$ 2.00
Lowel Scissor -Mount	Attaches to dropped ceiling grids	\$ 2.00
Lowel Tota-Mount	Hangs on door tops or tapes to windows and walls	\$ 3.00
Lowel Umbrella	DP or Omni/Tota Umbrella	\$ 3.00
Lowel Half Pole	Extension Pole, 18" to 30"	\$ 3.00
Lowel Flexi-Shafts	18" Flexible Shafts	\$ 1.00
Lowel Scrim	Full & Half Scrim for DP's & Omni's	\$ 1.00
Sand Bags	35 pound sand bags	\$ 3.00

Supplies

Gel	Rolls & Sheets	Call for pricing
Tough Spun Diffusion	Rolls	Call for pricing
Gaffer's Tape	2" & 3", Black, Grey, or White	Call for pricing
Lamps	Several types in stock	Call for pricing

* Where lamps are required, spares are provided. Customers MUST return all lamps (including burned out lamps) or replacement cost will be added to the rental invoice.

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Stage Lighting

Conventional Lighting*

ETC Source 4 Zoom, 25-50	Ellipsoidal Zoom, 25-50 degree	\$ 25.00
ETC Source 4 Zoom, 15-30	Ellipsoidal Zoom, 15-30 degree	\$ 25.00
ETC Source 4 Parnel	Focusable PAR Instrument	\$ 15.00
Procan Par 20	Mini Par Can with Barn Door	\$ 7.50
Barn Door	Parnel Barn Door	\$ 5.00

Follow Spots*

Lycian 1272 Starklite II	1200 Watt HMI with Base	\$125.00
Altman Luminator	410 Watt with Base	\$ 40.00

Control

Flying Pig Systems Hog 500	Intelligent Lighting Controller	\$250.00
ETC Express 24/48	24 Channel Programmable Lighting Controller DMX Controlled, Includes VGA Monitor	\$150.00
Leprecon LP-612 MPX-D/A	12 Channel Lighting Controller, DMX, MPX, & Analog	\$ 50.00

Hazers & Foggers

LeMaitre Neutron SX	Water Based Hazer w/DMX Interface Remote	\$100.00
High End Systems F100	Fogger with Remote	\$100.00

Accessories

Gray 8863/5	DMX Repeater, (3) 3-Pin & (3) 5-Pin Out	\$ 50.00
Gray 8680	Ultimate Protocol Translator	\$ 50.00

Crank Up Stands & Lighting Trees

Applied Electronics L-16	16' Crank-Up Stand with Cross Bar	\$ 40.00
Mobil-Tech ALP 5	18' Max Height, Up to 500 Pounds, Adjustable Legs Cross-Bar, 5' 6" x 2" Truss Adapter for 12"-20.5" Box Truss	\$100.00 \$ 5.00 \$ 5.00
Booms	11' Boom with 50lb Base	\$ 15.00

Truss & Motors

See "Trussing, Rigging, & Scaffolding"

** Where lamps are required, spares are provided. Customers MUST return all lamps (including burned out lamps) or replacement cost will be added to the rental invoice.*

Stage Lighting Packages

Professional Lighting Packages & Rigs

APCO AV can customize lighting packages to fit your needs. Lighting systems can range from lighting trees with a few instruments to large-scale flown lighting rigs complete with intelligent lighting, dimming, controllers, power distribution, and rigging. Requirements vary by show and venue. Contact an APCO Production Coordinator for details and pricing.

Small Lighting Packages

APCO AV has standard lighting packages designed for small & medium venues. Small Lighting Packages include: 2 crank-up stands or lighting booms, 2 six-channel dimmer packs, 1 six or twelve channel lighting controller, small gel pack, and all needed cables and connectors. Labor is not included.

Lighting Package with 4 ETC Source 4 Panel	\$280.00
Lighting Package with 8 4 ETC Source 4 Panel	\$340.00
Lighting Package with 12 4 ETC Source 4 Panel	\$400.00

Dimming & Power Distribution

Dimming

ETC Sensor Rack, 12 CH 12 channels, 20A per channel. Edison & VEAM outputs, CAMLOCK Input & Through Out	\$125.00
Leprecon LD360 DMX HP 6 Channels on 2 -20A Circuits (4800w) DMX & Analog Controlled	\$ 45.00

AC Multi-Cable

AC 6 Channel Multi-Cable with 19 Pin Connector 100' - \$ 30.00	
	50' - \$ 20.00
	25' - \$ 15.00
	Fan In (Female Edison Connectors) - \$ 10.00
	Fan Out (Male Edison Connectors) - \$ 10.00

Feeder Cable

Feeder Cable, #2 SC with Cam Connectors (5 wire set: 3 Phase, Neutral, Ground)	100' - \$ 60.00
	50' - \$ 40.00
	25' - \$ 30.00
	10' - \$ 15.00

Power Distribution

Power Distribution System	\$100.00
1 200 Amp 3 Phase 208 Rack	
2 100' Set 2/0 Feeder Cable	
1 10' Set 2/0 Feeder Tails	
4 100' 8/5 SOW Twistlock Cable	
4 50' 8/5 SOW Twistlock Cable	
4 25' 8/5 SOW Twistlock Cable	
9 Breakered Lunch Box Edison Stringer	

Single Phase and 3 Phase Power Distribution Available. Call a CEAVCO Production Coordinator for details.

Control Cable

DMX 15-pin XLR	200' - \$ 20.00
	100' - \$ 10.00
	50' - \$ 5.00
	25' - \$ 2.50

Facility Charges

Please note that most facilities charge a fee for power. These fees are NOT included in the rental rate of power distribution equipment. When applicable, APCO AV will make the appropriate arrangements with the facility and charge the customer accordingly.

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Trussing, Rigging, & Scaffolding

Trussing

12" Box Truss	Light Duty Truss, 12" x 12"	10 Foot - \$ 25.00 8 Foot - \$ 20.00 5 Foot - \$ 15.00 5 Way Corner Block - \$ 25.00 10" Omni Truss w/Omni Receivers - \$ 60.00
20.5" Box Truss	Medium Duty Truss, 20.5" x 20.5"	10 Foot - \$ 35.00
Base Plate	36" x 36" Base Plate for 12" or 20.5" Box Truss	\$ 25.00

Chain Motors

CM Load Star	1 Ton Chain Motor w/60' Chain, Bag, Remote & cable	\$125.00
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Crank Up Stands

Mobil-Tech ALP 5	18' Max Height, Up to 500 Pounds, Adjustable Legs	\$100.00 Cross-Bar, 5' 6" x 2" - \$ 5.00 Truss Adapter for 12"-20.5" Box Truss - \$ 5.00
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Rigging

Rigging Package	Rigging case with the following: (2) 50' Block & Fall Sets, (1) Double Head Block, (6) 3' Spansets, (6) 6' Spansets, (10) 1/2" Shackles, (2) 100', 1/2" Black Ropes, (10) Air Wall Hangers, (2) 1/2" Pulleys, (2) 3' Nylon Runners, (4) Black Carabiners, 2-locking, 2-non-locking (1) Spool 1/8" Tie Line	\$ 75.00
Block & Fall Double/Single Pulley System, 50', up to 1000 lbs Capacity		\$ 15.00
Spansets Endless Loop Nylon Sling, up to 5300 lbs Capacity, 3' or 6'		\$ 3.00
Alumalok Airwall Track Hanger, up to 3 instruments		\$ 15.00
Air Wall Hangers Eye Bolt that clamps down inside air wall tracks		\$ 5.00

Scaffolding

Scaffolding Unit Package Including: (2) Frames, (2) Scissor Braces, (4) Screw Jacks, (3) Planks		\$ 50.00
Multi-Level Units Additional Units for multilevel scaffolding		\$ 25.00
Scaffold Drape Drapery for Scaffolding Units, see "Pipe & Drape" for pricing.		

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Cables & Adapters

Prices below are for rental. A reasonable amount of cable (not including CCU Cables) will be supplied with equipment rented from APCO AV. Cable for other purposes or equipment will be charged at standard rates.

BNC Cable

6' - 15'	\$ 2.00
25' \$ 3.00 50'	\$ 4.00
100'	\$ 5.00
200'	\$ 7.50
100' Double Shield	\$ 7.50
200' Double Shield	\$10.00

RGBHV BNC Cable

3 Meter (10')	\$ 5.00
8 Meter (25')	\$10.00
15 Meter (50')	\$15.00
30 Meter (100')	\$25.00
50 Meter (165')	\$35.00

XLR Cable

5' - 15'	\$ 2.00
25'	\$ 3.00
50'	\$ 4.00
100'	\$ 5.00
XLR Adapter Cables	\$ 2.50
TR-153 Mic Matching Trans.	\$ 5.00

XLR Snakes

50', 12 Channel Snake	\$30.00
25' Beta Box	\$15.00

1/4" Speaker Cable

25'	\$ 3.00
50'	\$ 5.00
100'	\$ 7.50

Speakon Speaker Cable

25'	\$ 5.00
50'	\$ 7.50
100'	\$10.00
Speakon Couplers	\$ 2.50

Camera Control Cables & Couplers

TRIAx, 250'	\$ 50.00
TRIAx, 500'	\$ 75.00
CCZ-10, 26 Pin, 10 Meter	\$ 20.00
CCZ-A25, 26 Pin, 25 Meter	\$ 30.00
CCZ-50, 26 Pin, 50 Meter	\$ 40.00
CCZ-100, 26 Pin, 100 Meter	\$ 50.00
CCZ-XT, 26 Pin Coupler	\$ 10.00
CCQ-XT, 14 Pin Coupler	\$ 10.00

Coaxial HD15 (VGA) Cable

25'	\$ 5.00
50'	\$ 10.00
100'	\$ 20.00

Computer Break Out Cables

HD15 (VGA) to RGBHV	\$ 7.50
13W3 to RGSB	\$ 7.50

Computer Adapters

DB15 (MAC) to HD15 (VGA)	\$ 2.50
HD15 (VGA) Terminator	\$ 2.50
ID Bit Terminators	\$ 5.00

AC Cables

25'	\$ 3.00
50'	\$ 4.00
100'	\$ 5.00
25', 30 Amp	\$ 5.00
50', 30 Amp	\$ 10.00

Power Strips & Tri-Taps

6 Outlet Strip w/ Breaker	\$ 3.00
10 Outlet Strip w/ Breaker	\$ 5.00
3 Way Tri-Tap	\$ 1.00

Creative Services

Non-Linear Video Editing

Includes Beta SP, DV or VHS deck and editor.

Cut and Paste Editing

Standard editing with traditional text and graphic integration.

\$100.00/hr

On-Site Editing

Includes non-linear editing equipment and on-site editor.

\$250.00 set up fee.

\$125.00 per hour

Custom graphics and music production

Includes motion or still graphics production for use in live events such as background slides, title slides, and/or large format projection graphics. Includes production of custom music.

\$100.00 per hour

PowerPoint presentation development and editing

Includes custom backgrounds, integration of custom photos, logos, video, sound effects, and music.

\$500.00 per presentation (up to 50 slides)

Live video/audio encoding

Live, on-site encoding of an event for later distribution or web cast. Includes encoding to Real Media or Microsoft Windows Media.

\$250.00 set-up fee plus \$125.00 per hour (excludes acquisition costs).

DVD authoring

Transfer existing video to DVD. Basic DVD authoring includes menus and chapter points.

\$100.00 per hour plus cost of media.

Post encoding

Encoding from videotape or transcoding from existing media file. Includes encoding to MPEG 1, MPEG 2, Real Media, Microsoft Windows Media, QuickTime, TGA sequence, TIFF sequence, JPEG sequence.

\$150.00 per hour.