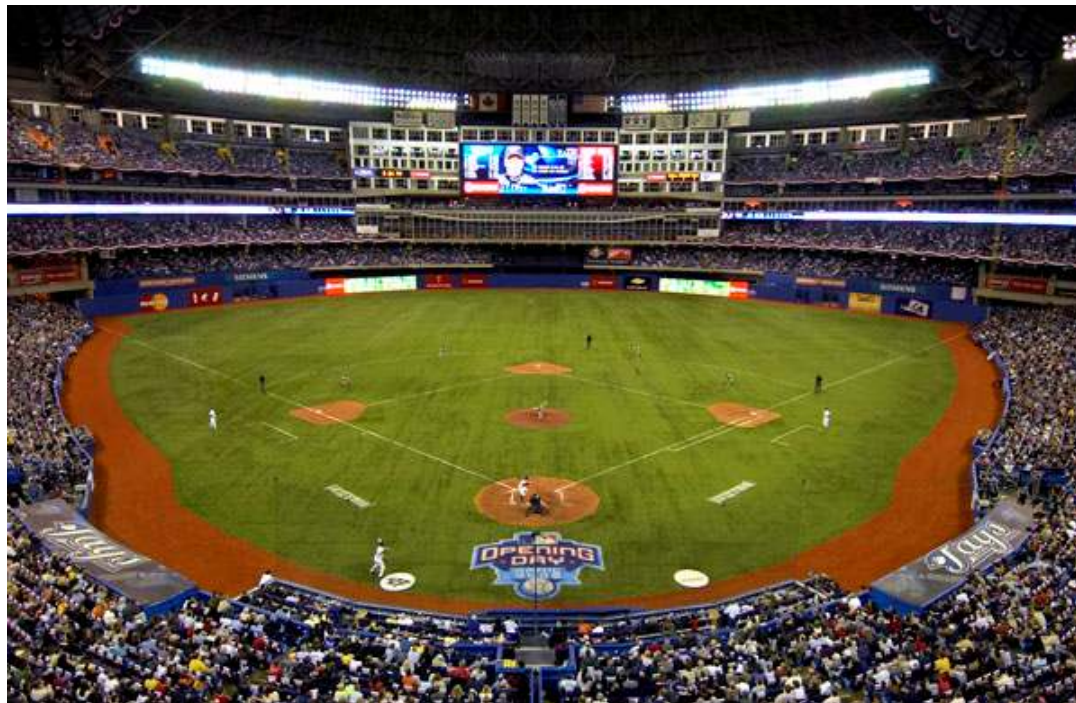




2007 Rogers Centre Videoboard Production Facilities

Videoboards and Displays, Cameras and Lenses	2
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VIDEOBOARDS AND DISPLAYS

ALL VIDEOBOARDS IN ROGERS CENTRE FEATURE DAKTRONICS PROSTAR LED DISPLAYS WITH 23MM PIXEL PITCH CAPABLE OF DISPLAYING 4.3 TRILLION COLOURS.

VIDEOBOARDS:

MAIN BOARD: *	1440X432 PIXELS:	108'X32.4' *
EAST RIBBON BOARD:	5792X48 PIXELS:	434.4'X3.6'
WEST RIBBON BOARD:	5792X48 PIXELS:	434.4'X3.6'
LEFT FIELD PROFENCE:	864X128 PIXELS:	64.8'X9.6'
RIGHT FIELD PROFENCE:	864X128 PIXELS:	64.8'X9.6'

AMBER GALAXY LED DISPLAYS: (34MM, AMBER ONLY)

EAST DISPLAY:	208X48 PIXELS	16'X3.3'
WEST DISPLAY:	208X48 PIXELS	16'X3.3'



*PLEASE SEE ATTACHED VIDEOBOARD FORMAT EXPLANATION FOR ASPECT RATIO SPECIFICS.

CAMERAS AND LENSES

- (4) SONY DXC-D50WS 16:9 CAMERAS WITH SONY CA-TX50 TRIAX ADAPTERS
 - SONY TX50 CCUs / RCP-D50 SHADER REMOTE PANELS WITH JOYSTICK CONTROL
- (1) SONY HVRZ1U 1080i HDV 16:9 CAMCORDER W/12X OPTICAL ZOOM
- (1) CANON J22X7.6 LENS
- (1) CANON J19X9B LENS
- (2) FUJINON DIGI60X LENSES W/2X EXTENDERS
- (2) CARTONI T621 TRIPODS W/DOLLY WHEELS
- (2) CARTONI OMEGA FLUID HEADS W/TRIPODS&DOLLY WHEELS
 - *ALL CAMERAS CAN BE CONFIRUGED AS HARD OR HAND HELD.
- (1) LINK L2100 RF CAMERA SYSTEM, GOOD FOR USE IN THE STADIUM BOWL AND RESTRICTED USE IN CONCOURSES.

PRODUCTION

- ROSS SYNERGY-4 PRODUCTION SWITCHER, 48 INPUTS, 4M/E SQUEEZE&TEASE INTERNAL DVE, INTEGRATED STILL STORE
- 64X64 ROSS TALIA SDI ROUTING SWITCHER (AES AUDIO)
- (6) LEITCH DPS 575 FRAME SYNCHRONIZERS. (1) WITH AUDIO
- FULLY ASSIGNABLE EVERTZ MVP3000 MONITOR WALL PROCESSOR

GRAPHICS

- (2) CHYRON DUET LEX, DUAL CHANNEL CHARACTER GENERATORS WITH LYRIC PRO AND ADOBE PHOTOSHOP
- (2) CHYRON CMIX VIDEO MIXERS

VIDEO STORAGE/VTR



- (2) SONY DSR 2000 DVCAM VTRS
- (1) SONY DSR 1800 DVCAM VTR
- (2) SONY BVW-75 BETACAM SP VTRS
- (1) DNW-A75 BETACAM SX VTR
- (2) EVS LSM-XT 2-IN:2-OUT SLO-MOTION SYSTEMS
- (1) GRASS VALLEY K2 4-CHANNEL VIDEO SERVER*
- (1) 360 SYSTEMS 3-CHANNEL IMAGESERVER 2000*
- (1) SONY RDRH X900 DVD RECORDER
- (1) PANASONIC DMR-E100H DVD RECORDER
- (4) SONY SLV-D550 VHS RECORDER/DVD PLAYER COMBOS

*STORAGE: 60 HRS ON GVG K2; 30 HRS ON 360 SYSTEMS IMAGESERVER. (@50MBPS)



EDITING FACILITIES

- AVID ADRENALINE HD-READY NON-LINEAR EDIT SUITE
- SYSTEM CAN EDIT SD OR HD VIDEO.
- MACHINE CONTROL ALLOWS INGESTION FROM ALL CONTROL ROOM VTRS
- 1 TERABYTE OF VIDEO STORAGE
- ADOBE AFTER EFFECTS
- ADOBE PHOTOSHOP CS

COMMUNICATIONS

CONTROL ROOM INTERCOM SYSTEM

- CLEAR-COM MMX-24, 24 CHANNEL MASTER STATION W/7 PANELS
- (2) CLEAR-COM PL-PRO 40X8 MATRIX ASSIGN STATIONS
- (8) RM-220 2-CHANNEL REMOTE PANELS*
- (3) RM-440 4-CHANNEL REMOTE PANELS*

PORTABLE INTERCOM SYSTEMS

- (2) CLEAR-COM PS-22 DUAL CHANNEL PORTABLE POWER SUPPLIES
- (1) CLEAR COM PK-5 SINGLE CHANNEL PORTABLE POWER SUPPLY
- (4) V-BOX DESKTOP PORTABLE STATIONS
- (20) RS-501 SINGLE-CHANNEL BELTPACKS*
- (1) HME-RW800 RF INTERCOM BASE STATION
 - (6) BP800 SINGLE-CHANNEL BELTPACKS
- (1) HME-PRO-850 RF INTERCOM BASE STATION
 - (4) BP850 DUAL-CHANNEL BELTPACKS

*ALL STATIONS ARE FULLY PL-ASSIGNABLE AND CAN TIE-IN TO CONTROL ROOM SYSTEM.



IFB

LECTROSONICS DUAL-CHANNEL RF IFB SYSTEM.

- (4) LECTRO R1 RECEIVERS WITH TELEX CLARIFIERS AND EARLOOPS
- (2) CLEAR-COM TR-50 WIRED IFB BELTPACKS WITH TELEX CLARIFIERS AND EARLOOPS.

SCORING SYSTEMS

- DAKSTATS 3000 MLB SCORING SYSTEM
- DAKTRONICS' ALLSPORT 5000 SCORING CONSOLES CAN BE CUSTOMIZED TO SCORE VIRTUALLY ANY SPORT FROM BASEBALL TO CRICKET.
- ALLSPORT CONSOLES CAN BE CONNECTED TO THE SCOREBOARD FROM VIRTUALLY ANY LOCATION IN THE BUILDING.
- ROGERS CENTRE CAN CUSTOM-DESIGN SCOREBOARD DATA FIELDS TO MEET ANY CLIENT'S SCORING AND DESIGN NEEDS.
- 2-DIGIT PLAY CLOCKS ARE PORTABLE AND CAN BE SITUATED ANYWHERE IN ROGERS CENTRE.
- ROGERS CENTRE CAN PROVIDE EXPERIENCED STATISTICIANS AND SCOREBOARD OPERATORS FOR YOUR EVENT.

AUDIO

YAMAHA 02R96 DIGITAL MIXING CONSOLE W/56 INPUTS

8 AUX, 8 BUS OUTPUTS, 8 OMNI OUTPUTS

100 SCENE PRESETS

(3) TASCAM CD-601 CD PLAYERS W/RC-601 REMOTE CONTROLLERS

(2) 360 SYSTEMS DIGICART II DECKS

(1) 360 SYSTEMS INSTANT REPLAY

(1) TASCAM 122MKII TAPE DECK

(1) TASCAM DA-30 DAT DECK

(1) COMPUTER WITH BALANCED RECORDING I/O AND COOLEDT SOFTWARE: PIII 736Mhz Processor, 1.0Gb RAM



STADIUM SOUND SYSTEM

-BSS SOUNDWEB SOFTWARE AND DSPS HANDLE SIGNAL TRANSPORT AND DIGITAL PROCESSING THROUGHOUT THE STADIUM SOUND SYSTEM.

-SPEAKERS ON EACH BOWL LEVEL CAN BE TURNED ON AND OFF.

-SPEAKERS CAN ACCEPT DELAY SIGNALS FROM TOURNING SYSTEMS TO COMPLIMENT LINE ARRAYS TRAVELLING WITH TOURS.

-BOTH BASEBALL AND FOOTBALL PRESS BOXES HAVE LOCAL 'PRESS MIC' SPEAKER SYSTEM FOR STATS.

-SYSTEM DELAYS CAN BE MODIFIED TO MEET CUSTOM SPECIFICATIONS.

-CONCOURSES AND OUTSIDE GATE SPEAKERS CAN BE FED WITH SEPARATE AUDIO FEEDS AND TURNED ON OR OFF TO SUIT PRODUCTION NEEDS.

-SPEAKERS ARE DRIVEN BY 162 CREST CKS-1200s, CKS800s, CKV-600s AND BRYSTON 4B AMPLIFIERS. ALL CREST AMPLIFIERS ARE COMPUTER CONTROLLED BY BSS SOUNDWEB DESIGNER SOFTWARE.

-SOUND SYSTEM UTILIZES OVER 300 CUSTOM JBL AND EAW SPEAKER CABINETS THROUGHOUT THE BUILDING.



MICROPHONES

(5) SHURE UHF RF MICROPHONES W/BETA 58 CAPSULES

(4) SHURE SM-58s

(5) AKG D330 BTs

(3) BEYER M160Ns

(2) SANKEN COS-11 RF LAV MICS ON LECTROSONICS TX AND RX

(2) SANKEN COS-11 WIRED LAV MICS

(2) SENNHEISER ME-66 SHOTGUN MICS

(1) SHURE 55SH RETRO-50s CLASSIC CARDIOID MICROPHONE

(1) EV-RE20 STADIUM ANNOUNCER MIC W/ STUDIO TECHNOLOGIES 230 ANNOUNCER CONSOLE



PORTABLE SOUND SYSTEMS

Rogers Centre is equipped to provide portable sound system configurations for many different applications including: Press Conferences, Guest-Speaking Engagements, Ambience Music, DJ Systems and Small Stage Productions:

Our portable sound systems can interface with the stadium system to provide complimentary audio support to larger events.

Consoles:

- (1) Yamaha MMX12-4 12-Channel Audio Console
- (1) Soundcraft Spirit Folio 10-Channel Audio Console
- (1) Sony MXD-29 12-Channel Audio Console
- (2) Rane MM 8Z DJ mixers

Loudspeakers and Amplifiers

- (8) Electrovoice SX300 loudspeakers w/stands

Components

- (5) Bryston 4B Power Amplifiers
- (1) QSC 310A Monitor Amplifier
- (1) Denon Single CD Player
- (2) Denon DN-D4500 Dual CD Players
- (1) Yamaha KX-W602 Tape Deck
- (1) 24-CHANNEL MEDIA POOL BOX W/ MIC TO LINE SELECTORS

DRIVE RACK

- (3) SHURE U2 WIRELESS MICROPHONE RECEIVERS
- (1) DBX COMPRESSOR/LIMITER
- (1) ASHLY GQX 3101 1/3-OCTAVE EQ
- (1) SCV 1/3-OCTAVE EQ

MICROPHONES (AS LISTED ON PREVIOUS PAGE)

WE HAVE VARIOUS LENGTHS OF XLR, VIDEO, NL4 SPEAKER CABLE, AC IN-HOUSE.
WE ALSO HAVE A COMPLIMENT OF BOOM, STRAIGHT, AND TABLETOP MICROPHONE STANDS.



CONTACT US

If you have specific questions concerning the Daktronics Video Display Systems at Rogers Centre, please contact us

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