

Ryerson University – School of Radio and Television Arts Toronto, Ontario

The Rogers Communications Centre is home to Canada's first High Definition Television Studio. TV Studio A is the largest TV studio in the Rogers Communications Centre and supports the production needs of students for the School of Radio and Television Arts. It has been uniquely designed for training with independent HDTV switching and monitoring found at the technical director, lighting control and audio control positions. These have been installed to enhance both teaching and learning opportunities for students and teaching faculty.

Surrounded by a hard cyclorama and equipped with a fixed lighting grid, the floor of Studio A is equipped with three Panasonic AD-HC930P 1080i HDTV cameras with 8" colour viewfinders and QTV teleprompter heads. The studio cameras are mounted to Osprey Elite and Quattro-S stage pedestals employing Vinten's Vector 60 pan and tilt heads. This combination not only provides the outstanding camera support required for HDTV shooting, it also makes it the best studio in Canada to learn and develop camera movement skills. To control lighting the studio is equipped with external Electronic Theatre Controls (ETC) dimmers and an ETC Microvision FX lighting controller.

Studio A's control room, which overlooks the studio floor, boasts groundbreaking technology including a Ross Video Synergy 2 multi-definition switcher, an Inscribe Inca Studio High Definition Character Generator, a monitor wall consisting of two Ikegami 20" CRT HDTV monitors and two 45" Sharp LCD monitors. These large LCD monitors have been sub-divided into a multi input monitor wall using four Avitech Media command centres. AEL's Broadcast Systems Group in close consort with Ryerson, designed and installed the facility in the summer of 2005.

System Solution:

- (3) Panasonic AK-HC930P 1080i HDTV Cameras and 8" Colour Viewfinders
- (3) QTV Teleprompter Heads
- (3) Osprey Elite and Quattro-S Stage Pedestals
- (3) Vinten Vector 60 Pan and Tilt Heads
- Electronic Theatre Controls (ETC) and ETC Microvision FX Lighting Controller
- Ross Video Synergy 2 Multi-Definition Switcher
- (1) Inscribe Inca Studio High Definition Character Generator
- (2) Ikegami 20" CRT HDTV Monitors
- (2) Sharp 45" LCD Monitors
- (4) Avitech Media Command Centres

