

TV5 Monde

Serving a worldwide French-speaking community

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As the first international French-speaking television station, TV5 Monde aims at offering its viewers a unique view of the world through information and programming. More than 176 million homes in more than 203 countries can receive TV5 Monde by cable or satellite on a 24/7 basis. An audience of 25 million viewers each day makes TV5 Monde one of the three largest global networks of television, along with MTV and CNN. In prime time on weekdays, TV5 Monde appeals to a local audience who, once made use of its national channels and topics, looks out for evening films, magazines, sports, entertainment, etc. in the second part of the evening. Also international travelers find TV5 Monde in one of the 3.2 million hotel rooms worldwide. On weekends, TV5 Monde reaches an even larger audience, by offering a series of short programs, featuring youth, trends, fashions, sports, gastronomy, history, music, etc.

BARCO

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New production and main control room

When moving to its new production, post-production and transmission facilities in the 17th district of Paris in 2006, TV5 Monde decided to build a broadcast monitoring room that is capable of monitoring and distributing the various programs to its growing worldwide audience.

For the new program acquisition room, the production and master control room, Barco was able to offer an all-in-one broadcast visualization solution, consisting of high-definition LCD displays, high-end graphical control units and web-based operating software.

For the integration of Barco's solutions into the TV5 control room environment, Barco collaborated with Grass Valley, developer of video and film technologies, products and services. Grass Valley and Barco share a long history of collaboration and Barco showed good responsiveness to the software development requirements of the broadcast integrator.

Also, Barco worked closely together with Technicolor Network Services, a digital media distribution and network management company, which is responsible for the design, build and operation of TV5 Monde's production, post-production and transmission facility and supporting the distribution and monitoring of its complete worldwide network.

Outstanding video quality

A total of 35 Barco LCD displays cover the walls of the three control rooms and allow the TV5 operators to efficiently monitor the multitude of video inputs. Calibrated towards a common color temperature, gamma and brightness, the 47" displays provide the operators with outstanding video quality.

Barco's LCD displays perfectly blend into the control room environment. Not only do they take up very little control room space because of their minimal depth, they also produce very little noise (only 21 dB(A)), which is below the audible noise level.



Flexible handling of multiple sources

To control the multitude of sources, Barco delivered 33 of its Hydra Compact universal multi-video insertion units, offering unique possibilities to simultaneously control a large number of analog or digital inputs on one single display. Hydra Compact is operated via a standard web browser and features advanced warnings and alarms.

One of the main benefits of Barco's all-in-one solution is the possibility to manage the layouts in an easy way. All layouts can be created, saved, retrieved and adapted via Barco's web-based operating software. The wall of displays can be configured and re-configured according to the operator's requirements without moving one monitor.

TV5 Monde relies on an SGT automation system to handle its complex multi-channel 24/7 program schedule. Barco's operating software was seamlessly integrated into that system and was also specifically customized to allow operators to add several metadata (source name, duration, start and end times, etc.) to the multiple video sources.

Additionally, Barco's operating software allows to easily manage the several international video standards and add Closed Captioning or Teletext onto the video source.



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Barco is an ISO 9001 registered company.
The information and data given are typical for the equipment described.
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