

Olympic Games 2008:

IBC equipment for ARD and ZDF from a single source



The broadcasting of major sporting events is one of the highlights of a TV station's schedule. Following on from the successful collaboration during the Winter Olympic Games in 2006, ARD and ZDF have again turned to Wellen+Nöthen as their partner for the live broadcasting of this year's Summer Olympic Games. Consequently, we kitted out the International Broad-



cast Center (IBC) for both stations in Beijing with extensive hired equipment: more than 600 input signals were managed using Evertz HD Multiviewers; output was via latest-generation full HD displays from Sony and Penta. To ensure that a wide range of production standards could be handled efficiently, we equipped the VTR and editing rooms with both IMX50 and HDCAM as well as DVCPRO50 and P2 VTRs. Various Sony video mixers, Yamaha audio mixers with hard-disk audio players plus Short/cut editors from 360 Systems ensured reliable SD/HD signal processing. The communication technology was also aligned with the demands of a major sporting event: a Riedel intercom system with 55 call points and 35 expansion panels ensured smooth communications. As part of the "Olympic Family", it was both an obligation and motivation for us to keep to the strict timeline for the provision and commissioning of the high-tech equipment, and once more demonstrate our expertise and reliability when it comes to handling major sporting events.

Excerpt from the scope of delivery:

- 106 Sony LCD LMD-9030, LMD-9050 monitors
- 114 Sony LMS-1750W with HDSDI input
- 31 Sony LMS-2450W with HDSDI input
- 6 Sony HD CRT monitors (14" and 20")
- 82 Penta full HD displays (37" to 47")
- 15 Evertz HD Multiviewer VIP-8 to MVP-72
- 18 Harris X75 HD with colour correction
- 2 Vinten Quattro pedestals
- 46 IMX50 VTRs
- 25 DVCPROHD VTRs
- 1 HDCAM VTR
- 3 P2 readers
- 1 Sony MFS2000 video mixer
- 2 Sony DFS700 video mixers
- 4 Yamaha DM1000 audio mixers
- 6 Short/cut editors from 360 Systems
- Riedel intercom system comprising 55 call points and a matrix size of 128 x 128

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