



BT Sport

SPORT



MEGAHERTZ SUPPORTS LAUNCH OF BT SPORT

As a partner to Timeline Television for BT Sport, Megahertz recently completed the technical fit-out of a new fast-turnaround sports production centre. The new facility, built in part of the International Broadcasting Centre (IBC) constructed for the London 2012 Games in east London, is now home to three BT Sport channels – BT Sport 1, BT Sport 2 and ESPN. The project to design and build this centre was completed by Megahertz against a tight timescale to meet BT Sport's on-air launch date of 1 August 2013.

This production centre includes three large studios with full production galleries, plus four smaller galleries for fast turnaround programmes, and 20 edit suites. All are linked by an MCR, which supervises over 150 incoming and outgoing HD vision lines and all inbound satellite traffic from BT's Madley earth station, making it one of the most connected facilities in Europe. 32 ports of ingest ensure immediate access to incoming feeds in any of the 21 edit suites or on any of the 200 journalists' desktops.

The facility also houses a complex routing and control infrastructure that allows the 24 Sony 2400 HD cameras channels and 32 radio microphones to work with any of the seven production galleries. Studios 1 and 2 combined are said to have one of the largest LED lit studios in the world.



T. + 44 (0)1353 645000
E. sales@megahertz.co.uk
www.megahertz.co.uk

THE MEGAHERTZ ADVANTAGE

Design and Build

Megahertz designed and built BT Sport's new massive broadcast centre at the London 2012 Olympic Park

Challenging Deadlines

Megahertz worked to very tight deadlines:

- Late October 2012 – Initial concept/bid stage
- Early March 2013 – On site
- 1st July 2013 – Starting full rehearsals
- 1st August 2013 – On-air

Requiring over 50 people on site between March – August 2013 working simultaneously alongside the builders dealing with the structural fabric of the building

Delivering Results

The BT Sport production centre is built around three studios measuring 1,300 m² (Studio 1&2) and 186 m² (Studio 3). The facility comprises:

- 3 large production sound and vision galleries
- 4 small/medium galleries
- A master control room
- A playout centre
- Edit support gallery
- 20 Avid edit suites
- 8 voiceover suites

Incorporating a mammoth 120 equipment racks, 26 custom desks, 8 voiceover desks, 2 dubbing desks and 20 edit suite desks; the production centre also boasts using 1,000,000 screws, 100,000 litres of paint, 362 tonnes of concrete in the floating studio floor and 200km of cables as well as 98,000 man hours to complete.

TO LEARN MORE:

For further information on Megahertz solutions and services, please call + 44 1353 645000 or email: sales@megahertz.co.uk

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