

RTL headquarters, Luxembourg



RTL – Versatile Studio Display

The Project

RTL broadcasts a wide range of television shows from its corporate headquarters in the city of Luxembourg. RTL's studio facility is in virtually continuous use, broadcasting daily news bulletins, sports, interviews, discussion programmes and weather forecasts. Surprisingly, this impressive output is generated from a studio space measuring just 10m by 10m. Creating a distinctive set design for these many different productions led RTL to experiment with technologies such as chromakeyed backdrops, video projection and flat screen displays. However none of these solutions proved ideal. Renting display equipment was too expensive for daily use; projection required too much floor space, flat panel displays were too small and virtual backdrops proved to be very inflexible. RTL needed to find a costeffective visual design solution that would deliver versatility, excellent quality and – above all – the reliability to cope with 7 days-a-week usage.

PROJECT LOCATION

RTL headquarters, Luxembourg

CUSTOMER

Radio Television Luxembourg
(Radio Télévision Luxembourg)

APPLICATIONS

Broadcast
TV Studio

PRODUCTS USED

6 x VS-50XLWF50U
c/w Anti-Glare screens

FURTHER INFORMATION

Mitsubishi Electric Europe B.V.
Nijverheidsweg 23a,
3641RP Mijdrecht
The Netherlands
Tel: +31 (0)297 282461
Fax: +31 (0)297 283936
E. info@mitsubishielectric.nl



The Solution

Jacques van Luijk of RTL saw Mitsubishi Electric's display wall system in action at the IBC show and was impressed by the high quality of its design and ability to offer a cost-effective solution that met all RTL's requirements. He comments, "The Mitsubishi product offered a number of key advantages: It has a small footprint and has front-access for maintenance, allowing us to maximise the available floor space in the studio. We also liked the automatic lamp-swap feature because it gave us confidence that reliability would not be an issue, even with our high usage rates. Overall, we felt the Mitsubishi system was honestly priced and offered good value for money.

" RTL opted for six, 50" diagonal VS-50XLWF display wall cubes equipped with antiglare screens and automatic lamp change options. The 2x3 display was installed on one side of the studio; its front-access allowing it to be sited directly against the wall. The system is able to accept a variety of input formats, including HD-SDI for superb quality. Since arrival the system has been in daily use, its automatic colour and brightness balancing features making it virtually maintenance-free. RTL is delighted with its new system and its studio management team can also look forward to significant cost savings as well as fantastic performance and versatility.



Images © Jacques van Luijk/RTL

Specifications

Model	VS-50XLWF50U
Technology	1 Chip DLP™(0.95"DMD 1-chip)
Resolution	XGA (1024 x 768)
Dimensions	50" (1015 mm x 761 mm)
Brightness	Bright mode: 1000cd/m ² (typ.) Normal mode: 800cd/m ² (typ.)
Contrast	1600:1 (typ.)
Colour Reproduction	16.7 million
Input Scanning	Horizontal: 31.5kHz - 78kHz Vertical: 49Hz - 85Hz
Analogue RGB	RGB signal level: 0.7Vp-p 75Ω Synchronous: TTL level Sync on green
Bezel	<1mm
Power Consumption	195W(Typ)
Control I/O	RS-232C: D-sub 9 pins Control link: D-sub 9 pins x 2 (I/O) Wire remote:3.5mmjack IR Receiver
Weight	75 kg



Images © Jacques van Luijk/RTL

[Request more information](#)