Smart-e

Case Study

Project	2 private homes
Installer	Jellybean Ctrl
Product	SNX-16x16
Location	Surrey, UK

2 newly constructed multi-million pound properties nestled in the English countryside feature Smart-e equipment

Custom installation company Jellybean Ctrl Limited has just completed the installation of a high specification entertainment, lighting and security system in two newly constructed English homes which feature Smart-e's powerful new multi-format component video matrix switch, the SNX-16x16.

Jellybean was commissioned to design and install a cabling infrastructure for the 5 and 6 bedroom multi-million pound properties which have been built on a five acre plot in the Surrey countryside by construction company Willowmead Limited. Jellybean specialise in the design, installation and programming of AV systems. The cabling system for both properties was designed and installed with flexibility in mind. This involved producing CAD layout and schematic drawings to demonstrate the placement of source devices, screens, speakers etc. CAT5 cabling was installed alongside more traditional AV cabling to enable this flexibility.

Jellybean worked directly with the new owners, guiding them through the systems and equipment available before specifying the individual solutions needed to meet their requirements. A key component of the entertainment systems is the Smart-e SNX-16x16 video matrix switch which distributes sound and images to Smart-e receivers located in

Smart-e's SNX-16x16 is suitable for both domestic and commercial buildings

each room, and has proved to be a highly efficient and cost effective option.

The specification

Each room, with the exception of the dining room, features a flat screen (from a selection of brands ranging from DM-Tech and Pioneer to Fujitsu), and a

variety of B&W discreet recessed wall and ceiling speakers. B&W floor standing speakers were specified for formal rooms. The entire system is run by a Crestron Series 2 processor which controls the Smart-e SNX-16x16 component video matrix, and is housed in a Mid-Atlantic slide-out racking system

A nine foot Contour cinema screen takes pride of place in the basement

hidden in an easy-to-access cupboard. A Smart-e receiver, (SLX-RX100) is located in each room that has a screen, receiving high quality pictures over HD component video from a variety of sources, Sky HD, DAB tuners and custom-made High Definition multimedia PCs.

Home cinema

One owner opted to add an impressive and spacious basement cinema, featuring a nine foot Contour cinema screen and a Sim2 C3X projector in a motorized lift, which along with Rotel amplification and 7.2 Bower & Wilkins (B&W) stand-alone and recessed speakers gives a true cinematic experience. The Smart-e distribution matrix feeds the HD source material to the cinema projector via a Rotel AV processor with exceptional clarity.

Smart-e equipment is first choice

Having researched the market for multi-room transmitters and receivers, Jellybean opted for Smart-e's equipment.

The Smart-e SNX-16 x 16 multi-format switch is capable of 16 inputs/16 outputs, delivering high quality images at High Definition levels and sound, via the Smart-e receivers to TV screens located in every room. The unit was originally designed for the commercial market but due to the system's capacity to operate multiple screens, reducing the number of main units required, is increasingly being used in large homes. It delivers, via CAT5 cabling, professional high quality images and sound from DVD players, set-top boxes, video cameras, laptops and PCs to flat LCD and plasma screens, cinematic projectors and VGA monitors. The inclusion of multi-function video, plus the infrared and RS232 control elements of the equipment, has led to this and its 'domestic sister' the SNX-8x8 becoming a popular choice for both home and commercial distribution systems.

The SLX-RX100 receiver uses a single CAT5 cable to receive high resolution UXGA, stereo audio and power from up to 300 meters away. Designed to accept video and stereo audio signals from the Smart-e
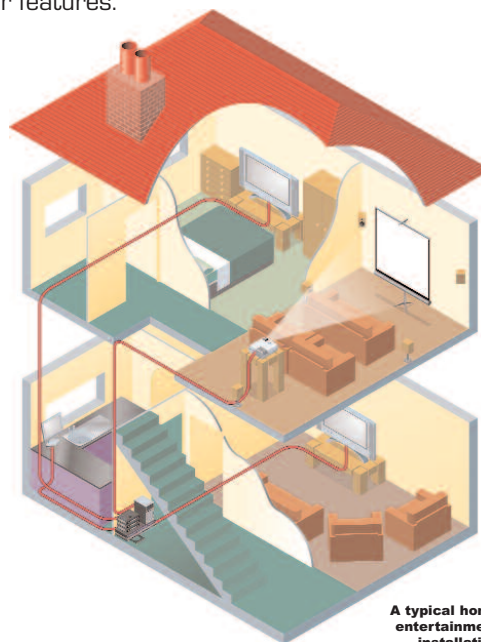
A range of wide plasma screens have been installed in nearly every room in the properties

SNX-16 x 16 units, the equipment is HD compatible and is also available with an infra-red and RS232 pass-through as standard.

"There were several options we could have chosen, but the Smart-e equipment is compact, multi-format, and flexible. We feel it is far superior to similar equipment available. Additionally, we felt very confident about the company's ability to deal with any queries or problems we might encounter during installation.".

David Tucker, Jellybean Ctrl.

Both Smart-e systems use CAT5, 5e, 6, 7 or even CAT8 cable, and are suitable for use up to 300 meters, support 1600 x 1200 UXGA resolution and feature high ground loop immunity, built in lightening, power surge and transient protection, amongst many other features.

A typical home entertainment installation

A Solution for You?

Here at Smart-e we are committed to providing functional solutions to broadcasting high quality audio and video. With a product range covering extending, splitting and switching of all types of video, graphics and true stereo audio simply and effectively over Cat5/6/7/8 UTP cabling. To view the Smart-e range of products check out our website at www.smart-e.co.uk. Alternatively just give us a call for all product and pricing information.

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