



IBC Stand # 9.319

## SCART PLUGS GO DIGITAL

A new SDI SCART plug Adaptor plug brings Digital Component Inputs to Consumer displays.

“For nearly twenty years, the European SCART (Syndicat des Constructeurs d'Appareils Radiorécepteurs et Téléviseurs) plug has amused and angered engineers in about an equal measure”, says Dr John Emmett, Technical Director of Broadcast Project Research Ltd. “But now there are so many economical flat screen displays with an excellent performance coming from the Consumer market, it is about time that we reaped the advantages of this input port for Professional applications”.

“Composite analogue signal distribution has to vanish, as these new displays really bring out the shortcomings of PAL and NTSC, and using separate analogue feeds is increasingly a nuisance among all-digital operations, anyway”, he continued, “So we started to develop a compact and economic SDI to SCART adaptor, specifically for use in Studio and Broadcast areas”.

The results of this Project can be seen on stand 9.319 at IBC. There again, it can only just be seen, as the adaptor is built into a SCART plug only four centimetres square. What are the advantages of going so small? “We try and think in a pragmatic plug-and-go way, when designing this type of unit”. Commented Dr. Emmett, “Central Rack mounting, complex software and hardware setting-up may be solid engineering, but if you just want to feed RGB into a monitor, just take a guess at how much the cables and installation costs would be for a conventional SDI decoder, compared to this sort of installation free solution”.

What next, one might ask? Well simple interfaces to other types of display are in the Broadcast project Research Laboratories at Teddington Studios, and to be launched at IBC this year there will be multichannel audio embedders and de-embedders for SDI.

Broadcast Project Research Ltd is a Studio-based Research and Design Group based at Teddington Studios in the UK.

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