



Background

With the continuous advance of digital audio within our home entertainment systems and the increasing development of digital source components, ordinary AV processors and system controllers rarely have enough digital inputs any more. This, however, is not the fate for Meridian's 800 Series products. Through their modular construction they are uniquely equipped to adapt to change, and as a system expands, more inputs can be added via a series of cards – much in the same way as with a computer.

Toslink outputs have recently become more popular, appearing on many digital sources such as CD/DVD players, MD players, sound-servers, DVB receivers and DAB receivers etc. To satisfy this demand for optical connection, Meridian have developed a new input card for the 800 Series that offers more Toslink inputs than ever before.

ID25 Optical Digital Input Card

ID25 is a digital input extension card and features four Toslink connectors. Working as a slave to the Reference Surround Controller's master digital-input card, IE42, ID25 adds four optical inputs to 861.

ID25 is designed according to strict audiophile philosophy whereby signals are given the shortest and cleanest route through the circuit and all of the components used are carefully selected to ensure the highest quality results.

Once incoming optical signals have been transferred onto the ID25 circuit, audio signals are de-jittered then passed onto 861's high-speed backplane. From here the signals are steered through the various levels of DSP found in 861 where, among other processes, they undergo FIFO buffering to further reduce timing inaccuracy. From this point different signal types are handled in different ways. Bitstream signals are decoded to release discrete six-channel information from Dolby Digital and DTS sources, PCM signals can be processed using one of Meridian's proprietary surround modes, such as Trifield, or the latest Dolby ProLogic II Music mode, producing detailed and natural surround sound from two-channel sources.

As with all other inputs to 861, the four optical inputs found on ID25 can be assigned to any source and custom-configured through Meridian's PC Product Setup Suite. Video sources can also be routed to switch seamlessly with audio, and full system control can be achieved by linking input selection to any or all of 861's three trigger outputs.

Simply explained, ID25 allows more of your optical digital sources to receive the same superior treatment you expect from Meridian's state-of-the-art Surround Controller.

Technical Specification

- Inputs:** 4 x Toslink (EIAJ) digital optical, IEC958 and data compatible, up to 24 bits.
- Card size:** 2U.
- NOTE:** ID25 is a slave digital input and requires IE42 to be installed in order to function.

ID25

Optical Digital Input Card

Sales information

July 2002

- 4 Toslink input card for 861
- Offers extended connectivity for new generation DVB receivers

Meridian Audio Limited

Stonehill, Stukeley Meadows
Huntingdon
Cambridgeshire PE29 6EX
T +44 (0) 1480 445678
F +44 (0) 1480 445686

Meridian America Inc.

Suite 122, Building 2400
3800 Camp Creek Parkway
Atlanta GA 30331
T (404) 344 7111
F (404) 346 7111

BOOTHROYD STUART
MERIDIAN

www.meridian-audio.com