

TDIF Compatibility (DABK-R107)

The original DMBK-R107 interface only supports the TDIF-2 standard, this is compatible with most current machines equipped with the TDIF interface including the Tascam DA-38 and DA-78HR.

Version 1.1 software will support a "standard" version of TDIF-1 as well as TDIF-2, selected in the input matrix GUI.

As an interim measure a beta version of the PROM is available which only supports TDIF-1.

The main difference between the 2 standards is word length, (TDIF-1 is 16 bit, TDIF-2 is 24 bit), but there can be other hardware differences.

If you want to interface with older machines such as the Tascam DA-88 you may experience some problems.

We have noted particular problems with the Tascam DA-88 as its TDIF interface has been changed during the life of the product. Essentially it conforms to the TDIF-1 standard but different versions of hardware are common in the DA-88. Please contact TASCAM for more information.

The later TDIF DSP board (E900067-00A) is now considered "standard" and will be supported by the DMBK-R107 unmodified.

The early TDIF interface DSP board (S2103518-02) has different clock circuitry. This can only be supported by fitting a special EEPROM in the DMBK-R107 option board.

NB: This EPROM only supports early TDIF-1.

Please contact Sony BPE for this EPROM.

NOTE: When using TDIF we recommend using Word Clock as the clock reference.

Required part IC 18, Altera EPC1 PC8 (RS part no 254-8598)

Software is supplied in Altera POF file format.