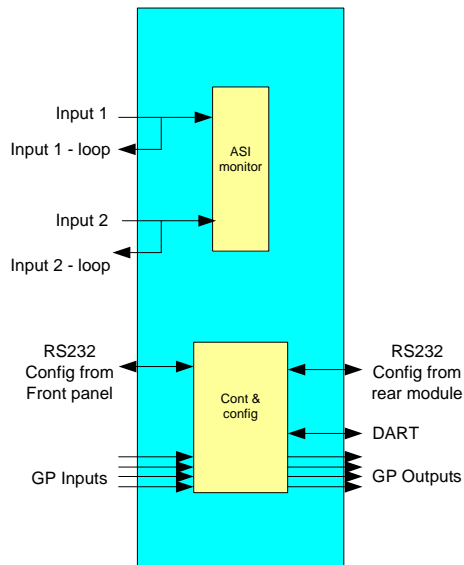




B083M Dual ASI TS Table Monitor Module



The B083M Dual ASI Transport Stream table section detector continuously monitors two ASI MPEG-2 streams within a broadcast environment. These can be independent streams, or related streams arranged in a main & reserve configuration.

The module is fully configurable using dB Broadcast's S080 windows configuration software or a command line interface, ensuring that alarms only activate under conditions specified by the user.

This module is similar to the B082M ASI TS monitor except it monitors table sections manually maintained by the user rather than detecting content through a specified list of PIDs (Programme identifiers), Table sections are the basic component of the PSI (Programme Specific Information), SI (Service Information) and PSIP (Program and System Information Protocol) and are often used to transmit private data. Other standard measurements are also made.

Section tables may be detected by a combination of PID and Table identifiers but the B083M also allows the user to specify sub tables or table segments. Sub tables are identified by table identifier extensions and segments are groups of table sections identified by a sequential sequence number. In addition, the upper distance, version number, current/next status and section number of each table section may be specified.

- Monitor up to 32 section tables
- User defined maximum and minimum data rates for each transport stream
- Detect catastrophic failures such as may be caused by no TS, loss of synchronisation or low signal level
- Make basic integrity checks such as monitoring the Programme Association Table (PAT).

The status of the input streams is indicated on the front panel and on the serial ports, DART interface and the user configurable general-purpose outputs.

The module supports MPEG PSI, DVB SI, ATSC PSIP and user defined tables.

The B083M can be upgraded to the B083S, to include an internal 2x2 switch. This enables the module to automatically route the appropriate input stream to the outputs on the basis of the detected results.