



## 4020 AASYNCO Four Channel Asynchronous Serial Output Module



### FEATURES

- Four independent asynchronous serial channels
- TTL, RS-232 or RS-422/485 interfaces
- Baud rate 1200 to 115.2Kb per channel
- Data parity
- Programmable module ID
- Galvanic isolation
- Micro D-37 pin connector interface

### OVERVIEW

The AASYNCO four channel asynchronous serial output module demultiplexes and depacketizes four user data channels from data packets received from the AL4000 backplane. Each depacketized channel data-stream is serialized to its unique output. Serial data is generated as single-ended RS-232, TTL and differential RS-422 or RS-485. Baud rate and parity are automatically detected and set according to the settings of the source data stream(s). All user outputs are accessible via the micro-miniature D-37 pin interface connector.

The 4020 AASYNCO is used in conjunction with the Apogee Labs' 2109 ASYNC2 and 4014 AASYNCO modules.

### SPECIFICATIONS

#### **NUMBER OF CHANNELS**

- Four, individually programmable

#### **SERIAL OUTPUT FORMAT**

- TTL, RS232 or RS-422/485
- 1 start bit, 8 data bits, 1 stop bit
- Parity, Odd, Even or None received from remote module
- Baud rate received from remote module

#### **MODULE ID**

- User-programmable 11-bit value

#### **INTERFACE CONNECTOR**

- 37-pin micro-miniature D-type

#### **COMPLEMENTARY HARDWARE**

- 2109 ASYNC2
- 4014 AASYNCO