

DSP4100/2K

HF Radio DSP Modem with CLOVER

- Voice Bandwidth
- Adaptive ARQ
- 3000 bits/sec



SPECIFICATIONS

CLOVER 2500

Data Format	8-tones, 8-bit transparent
ARQ Modulation	BPSM, QPSM, 8PSM, 8P2A, 16P4A
ARQ Protocol	Auto Adaptive, Full-Duplex
Bandwidth	2500 Hz, (250-2750 @ -50 dB)
Data Rate	3750 bits/sec
ARQ Data Rate	275 to 2500 bits/sec
Broadcast Data Rate	135 to 1667 bits/sec

CLOVER 2000

Bandwidth	2000 Hz, (500-2500 @ -50 dB)
Data Rate	3000 bits/sec
ARQ Data Rate	220 to 2000 bits/sec
Broadcast Data Rate	112 to 1336 bits/sec

AFSK WAVEFORMS

FSK Tones	500-3000 Hz programable
TTY codes	Baudot and ASCII
TTY Rates	45, 50, 57, 100, and 110 Baud
TOR Codes	CCIR-476, CCIR-625
TOR Modes	ARQ, FEC and SEL-FEC
TOR Rate	100 Baud
P-Mode	Auto-ARQ, FEC
P-Mode Rates	100/200 Baud

HARDWARE

Cabinet	5.5x8.7x1.5" (14.0x22.1x3.8cm) Aluminum Extrusion, 1.5 lbs (0.7 kg)
Power	10-18 VDC @ 250 ma
I/O Interface	Dual Serial RS-232 9.6-57.6 kbps
Radio Connection	TX Audio, RX Audio, PTT

OEM PRODUCTS

- Reseller Hardware IDs
- Factory Direct Circuit Boards
- Customized Software
- Transceiver Cable Sets

EMBEDDED SOLUTIONS



SOFTWARE OPTIONS

- CLOVER Mail for HF email
- DSPWin File Transfer & Chat
- Command Set Documentation

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