

HDL-460A

Multi-protocol Radio

The HDL-460A radio is the latest multi-protocol radio station of Satlab. Its adjustable multiple transmit power can easily achieve stable transmission over long distances of 20 kilometers.



Data Specifications

General

Frequency Range	403~473MHz
Operating Mode	Half-duplex
Channel Spacing	25KHz, 12.5KHz
Modulation Type	4FSK, GMSK
Operation Voltage	12V
Power Dissipation(Typical)	High power level (35W): ≤87.5W @ DC 12V Low power level (10W): ≤52W @ DC 12V
Size	178 mm * 128.5 mm * 76.9 mm
Weight	1.495 Kg
Temperature(operation)	-30°C~+65°C
Temperature(storage)	-50°C~+80°C
Antenna Port	UHF, TNC
Data Interface	LEMO 5 Pin
Rf Output Power	50dBc (10 W)

Modem

Protocol	HI-TARGET9600, HI-TARGET19200, TRIMTALK450S, TRIMMARK III, SOUTH9600, SOUTH19200, CHC9600, CHC19200, TRANSEOT, SATEL-3AS 25K, SATEL-3AS 12.5K
Channel Number	116
Air Baud Rate	9600 bps, 19200 bps
Modulation Type	GMSK
Serial Port Baud Rate	9600 bps, 19200 bps, 38400 bps, 57600 bps, 115200 bps

User Interface

Display	1.3 inch (screen), 128 * 64 resolution
Button	5 buttons
Indicator	1 power light, 1 blinker

Environmental

Waterproof	IP67
Vibration	5-2000Hz, 6Grms
Fall	1.2m drop
Shock	40g, 11ms, half sin wave

Headquarters:

Datavägen 21B
SE-436 32 Askim, Sweden
info@satlab.com.se

Regional Offices:

Warsaw, Poland
Jičín, Czech Republic
Ankara, Turkey
Scottsdale, USA
Singapore
Hong Kong, China
Dubai, UAE

