

HEADLINE

HLD-100 Series

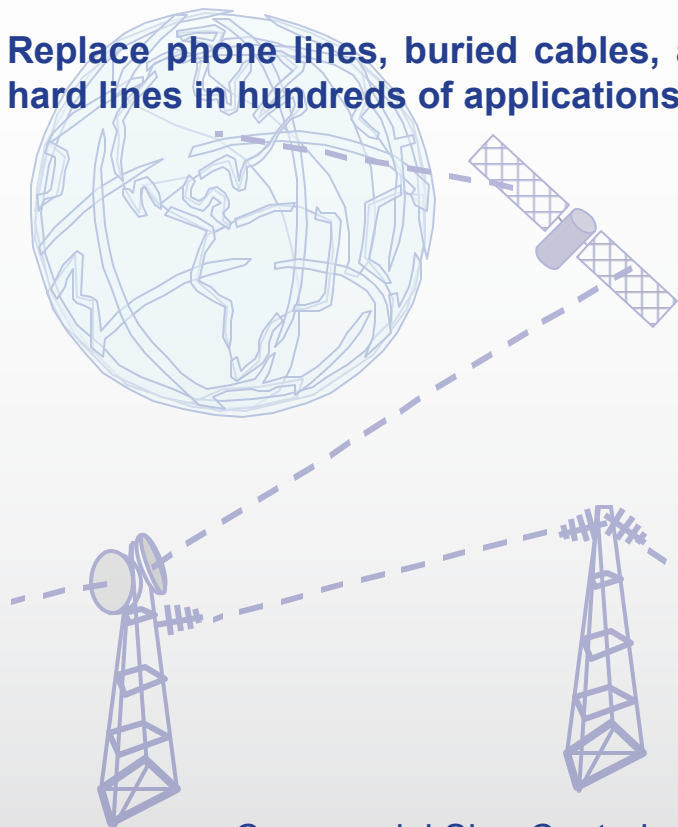
Data Telemetry Radio

HLD-100U 5/1W UHF 440-470 MHz

HLD-100V 4/1W VHF 148-174 MHz

*Make Your World Smaller
With More Impact*

Replace phone lines, buried cables, and hard lines in hundreds of applications!



- Water / Waste Treatment Plants
- Oil and Gas Field Monitoring
- Security / Alarm Systems
- Gate ID Tag Systems
- Automatic Vehicle Location
- Remote Controls

- Commercial Sign Control
- Murphy / Kill Switches
- Weather Monitoring
- Irrigation Systems
- Emergency Call Boxes
- Low Power Repeaters



SPECIFICATIONS

General

	HLD-100V	HLD-100U1/U2
Frequency Range	148-174MHz	440-470 MHz
Operating Voltage	12V (8V to 18V)dc	12V (8V to 18V)dc
Operating Temp.	-30 to 60 C	-30 to 60 C
Dimensions (HxWxD) in.	1.37 x 2.5 x 4.62	1.37 x 2.5 x 4.62
	35 x 64 x 118mm	35 x 64 x 118mm
Band Width	12.5 / 25 kHz	12.5 / 25 kHz
PLL Stepping	2.5/5/6.25 kHz	2.5/5/6.25 kHz
Weight	11 oz, 312 g	11 oz, 312 g

Receive

Rx Sensitivity	< -118 dBm	< -117 dBm
Rx Spurious	-70 dB	-70dB
Rx Intermod	-70 dB	-70dB
Adj. Ch Select. 12.5/25	< 60/70 dB	< 60/70 dB
Rx Response Time	< 16 ms	< 16 ms
Data Output Level	300mV	300mV
Audio Distortion	<5%	< 5%

Transmit

Tx Power	5/1 W	5/1W
FM Hum & Noise 12.5/25	-34/40 dB	-34/40 dB
Spurious & Harm. <1GHz	-36 dBm	-36 dBm
>1GHz	-30 dBm	-30 dBm

ACCESSORIES / OPTIONS

Radio Basic Package

Radio Transceiver
Male DE-9 Connector
BNC Antenna Connector

Optional Accessories

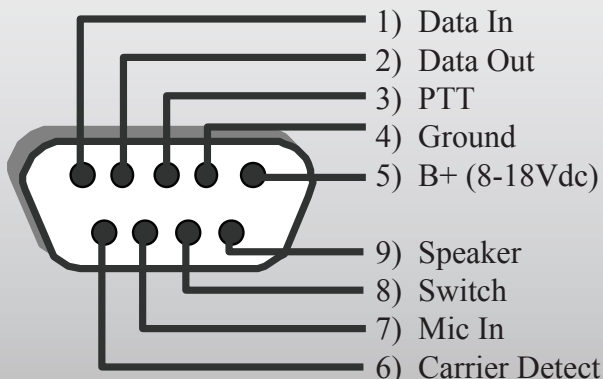
VHF/UHF Molded Antennas - BNC Connector
Cloning Cable
Programming Cable and Software
Bell 202 Standard 1200 baud Modem
V23 Standard 1200 baud Modem

	HLD-100V	HLD-100U
FCC ID		UPXHLD-100U2
Industry Canada		
Modulation		F3D.F3E.D3E
Compliance	22,74,90	
Environment	RoHS	

FEATURES

16 Channel, selectable by dip switch setting
5/1 watt power per channel
CTCSS / DCSS per channel
12.5 / 25 kHz per channel
Tx Time Out Timer
Carrier Detect Line
Busy Channel Lockout w Marked Idle

DE-9 Male Connector Pin Out



CONTACT INFO:

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