

Point Host RF Receiver 4001-10



FEATURES

- High performance 418 MHz receiver
- Compatible with OneSix DDE Server and OPCServer
- Serial connection directly to a PC
- Powered by RS232 port or external source.
- ASCII radio packet data output.
- Decodes CRC-16 error encoded radio packets.
- DB-9 connector for RS232 interface.
- 600 ft. maximum range

DESCRIPTION

The Point Host is an RS232 418 MHz radio receiver designed to receive and decode packet data from all Point Six Transmitters. The Point Host decodes the CRC-16 encoded packets and translates them to ASCII strings that are sent out the RS232 serial port at 19200 Baud. No hardware handshaking or command protocol is required; all data packets are decoded and transmitted serially as they are received. The Point Host is very low power; most RS232 ports provide enough power to operate the receiver. External power input is provided for host serial ports that cannot provide the necessary current. A simple design approach results in a low cost receiver that provides error checked ASCII data for all Point Transmitters.

The Point Host is supported by the Point Six OneSix™ DDE Server Software Drivers. This makes connecting Point Six Wireless products to your PC easy.

Connector Pin Out

SIGNAL 9-Pin	CONNECTOR	RS232 DB9 Signal	DESCRIPTION FUNCTION
NC	1	NC	No connection
TXD	2	Transmit Data	output
RXD	3	Receive Data	input
DTR	4	PWRIN1	input power (optional)
RTS	7	PWRIN2	input power (optional)
GND	5	Ground	(reference)
NC	6	NC	No connection
NC	8	NC	No connection
NC	9	NC	No connection

General Specifications

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS
Supply Voltage	V_{CC}	5.0	12	16	Volts
Supply Current	I_s	18	20	25	mA
Range		-	600	-	Ft.
Baud Rate		-	19200	-	Baud

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