



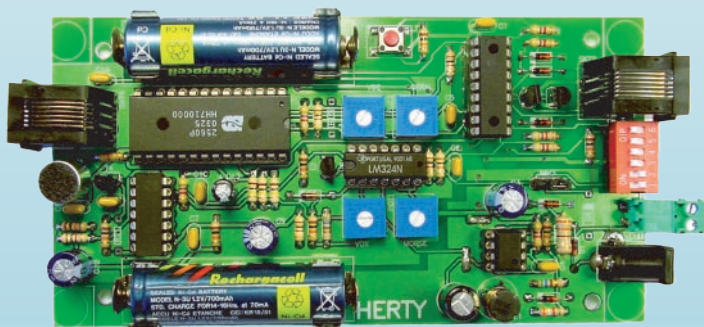
PrimeHERTY

PrimeHERTY is a Radio Beacon, a Simplex Repeater and a Repeater Controller, all in the same device. And it may also be used as a Radio Repeater Identifier!

Voice repeaters need to have an autonomous beacon, to identify them by Voice and Morse in a correct way, informing users of where they are and to whom they belong.

Outdoor activities are many times helped by PMR radios, giving its practitioners the possibility to communicate within the group. But not always the radios are powerful enough, for what it becomes necessary the use of PrimeHERTY, that implements in an easy way, a Repeater system, with just a handheld radio that is placed in a higher altitude, to enhance the communications range.

PrimeHERTY has three modes of operation: it can work as an Autonomous Radio Beacon, transmitting previously recorded Audio, and Morse code, at custom intervals; it can work as a Simplex Repeater, recording the incoming Audio and transmitting it back; or it can work as a Repeater Controller, routing Audio between a transmitter and receiver, or controlling a full-duplex transceiver.



The use of Microprocessor control and internal batteries enable the system to be completely autonomous, with the possibility of being powered with external supply, e.g. solar panel, system's autonomy is greatly enhanced and it may even work endlessly.

Serial RS232 port is used to connect PrimeHERTY to a Personal Computer, to transfer configuration parameters.



Technical specifications:

- Autonomous Radio beacon, Simplex repeater and Repeater controller
- Voice and morse code transmission
- Independent operation modes
- Connects to any audio source, radio transmitter or transceiver
- Configurable using a PC RS232 port
- 60s max. voice recording
- 40 chars max. of morse code transmission
- Built in microphone
- Configurable delay between transmissions
- Transmission mode changed by switches
- Internal batteries or external power connection
- Solar panel connector

Package Includes:

- PrimeHERTY
- PC and Radio Connection Cables
- CD-ROM with Instruction Manual and Software

Models:

- PT-HERTY – Assembled and tested
- PT-HERTY KIT PLUS – Complete KIT to assemble
- PT-HERTY KIT – KIT to assemble, no internal batteries possible

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