

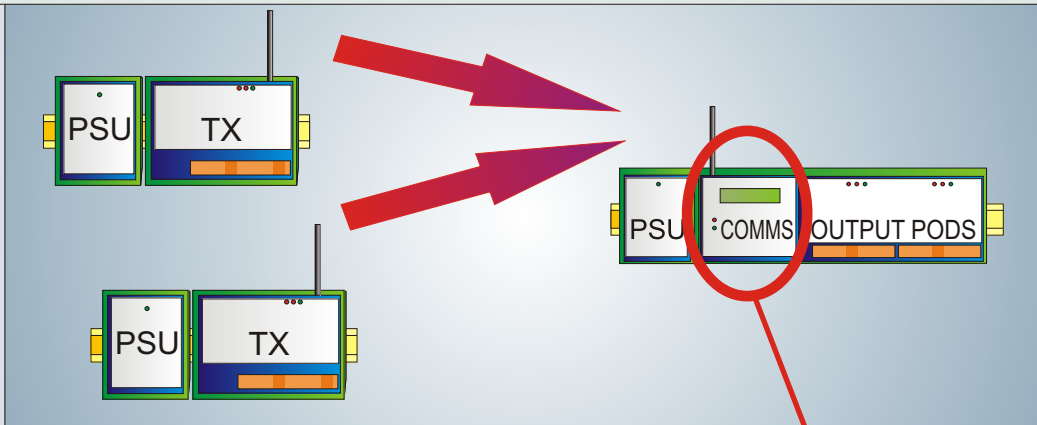
Family Landmarka

Product Receiver Communications OEM Module

Description Receiver communications module

Part Number 3734.1 RX oem

Variants



The 'Receiver Communications OEM module' is the core of any LANDMARKA receiver system. It consists of a radio receiver, digital signal processing and protocol checking, and drives both the LANDMARKA receiver expansion system and can communicate via a serial interface with more sophisticated instruments such as computers or PLCs.

The unit is completely menu driven from a 5-key simple keypad and does not require an external device such as a laptop to configure it.

The module can drive up to 16 expansion pods and its menuing facilities include utilities for calibration and data monitoring (such as RF Signal Strength, raw data, channel specific data)

It is D.C powered and supplies a trickle charge output for back-up battery supply.

The unit comes as a complete package free from any product variances or 'add-ons'. This provides a powerful specification whilst retaining the simplicity and reliability on which the 'LANDMARK' range has built its reputation.



Specification

Capacity: Provides serial outputs for 256 transmitters. Drives up to 16 transmitter mimic output channels (if required).

Indicator LEDs:

- SYSTEM ACTIVE LED
- RF DATA RECEIVED LED

User interface: LCD display. 5-key simple select keypad.

Menus:

Display

- RSSI - RF SIGNAL STRENGTH
- INDIVIDUAL CHANNEL READINGS
- DATA MONITOR (RAW DATA)

User variables

- RECEIVER BASE ADDRESS
- DIGITAL OUTPUTS - FAIL SAFE, HOLD LAST, N.O., N.C.
- COMMUNICATIONS TIMEOUT

Calibration

- EXERCISE DIGITALS
- EXERCISE PULSES
- DRIVE ANALOGUES

Protocol

- MODBUS OR PROPRIETARY
- RS232 OR RS485

Serial Interface: RS232 and RS485 (user selectable from menu)

Protocol: Proprietary serial (time driven) and MODBUS serial (database driven)

RSSI Bargraph on menu display

Power Supply: 24V D.C. 600mA

Frequency: 433MHz/458MHz

Channel Space: 12.5kHz (user switch selectable)

Sensitivity: 0.35 μ V for 12dB SINAD

Expansion: up to 16 transmitter outputs via 3-wire serial bus

RF connection: BNC bayonet 50 Ω

Product Files

