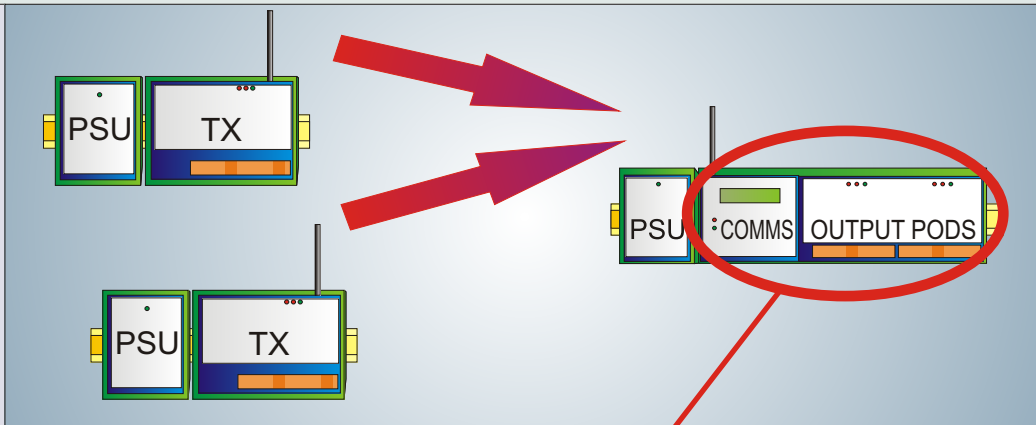


Family	Landmarka
Product	Receiver Basic OEM Module
Description	Receiver communications module with integral 2 channel output pod
Part Number	3732.1 RX oem 433MHz
Variants	3732.2 RX oem 458MHz



The 'Receiver Basic OEM module' is a single component solution, providing a receiving station for one or two Landmarka radio transmitters. It consists of a 'Receiver Communications OEM Module' integrated with a '2 channel output module' housed in a single DIN rail carrier.

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.

The unit provides industrial signals which mimic the inputs from its corresponding transmitters.



The unit can be used as a core for larger systems of up to 16 transmitters, as well as providing an interface to more sophisticated monitoring systems such as PLC's using its industry standard MODBUS interface.

Specification

Capacity: Provides mimic outputs for 2 transmitters.
Provides serial outputs for 256 transmitters.

Outputs: For each transmitter (2 channels supplied):

- 8 VOLT-FREE ISOLATED DIGITAL
- 2 VOLT-FREE ISOLATED PULSES
- 2 ANALOGUE (0-IV, 0-10V, 0-20MA, OR 4-20MA ISOLATED)

Accuracy: 10 A/D as standard [$<0.1\%$]

System Health: Transmitter fail (volt-free isolated output)
Transmitter PSU low (volt-free isolated output)

Indicator LEDs: For each transmitter (2 channels supplied):

- 8 DIGITAL LED INDICATORS
- 2 PULSE LED INDICATORS
- TRANSMITTER COMMUNICATION FAIL LED
- TRANSMITTER PSU FAIL LED
- TRANSMITTER CHANNEL RECEIVING LED

For the system:

- SYSTEM ACTIVE LED
- RF DATA RECEIVED LED

Loop supply: -12V, 0V, and 12V for each channel

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

Menus: Display, User variables, Calibration, Protocol, Contrast, About

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

Product Files

