

WR-5 WIRELESS RECEIVER



High performance receiver for Chambers People Counters fitted with radio transmitters.

Features

- ✦ **High Performance 433 Mhz receiver**
- ✦ **Serial connection directly to a PC**
- ✦ **ASCII radio packet data output**
- ✦ **Decodes CRC-16 error encoded radio packets**
- ✦ **DB-9 connector for RS232 interface**

THE IDEAL SYSTEM FOR:

- ★ **Libraries**
- ★ **Visitor Centres**
- ★ **Sports Centres**
- ★ **Museums**
- ★ **Art Galleries**



The WR-5 Receiver is a 433 MHz radio receiver designed to receive and decode packet data from the Chambers people counters fitted with 433 MHz transmitters.

The WR-5 decodes the CRC-16 encoded packets from the counters and translates them to ASCII strings that are sent out on 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 WR-5 is very low power; most RS232 ports provide enough power to operate the receiver. An external power supply can be provided for receivers attached to serial ports that cannot provide the necessary current.

*A & P Chambers Ltd, Kaluna House, Nairnside, Inverness IV2 5BU
Tel: 01463 790400 Fax: 08701617442 Email: sales@chambers-electronics.com
www.chambers-electronics.com*

CHAMBERS ELECTRONICS

WR-5 Wireless Receiver



SPECIFICATIONS

Detection Method:	433 MHz reception
Sensing Distance:	33 meters (100 feet) maximum
Housing:	Robust housing
Dimensions:	95mm X 155mm X 33mm (99mm including ariel)
Power Supply:	Power is drawn from RS232 on PC or from external power supply. 6 to 12 volt DC supply. 25 mA max.
Power LED:	Red LED indicates power status
Connectivity:	Serial RS 232 port
Baud rate:	19200



Software.

We can supply a program that saves the counter information into a text format that can be easily be analysed using Excel. We can also provide an Excel spreadsheet that takes information from the text table and produces daily totals for each counter on the wireless network.

Please contacts us if you have specific requirements.