

# Radio Remote Control

## Air Series



**Air Series:**  
**Compact, Ergonomic, Safe**

# Overview

**Podem and Autec**, a well known European RRC producer, present the New AIR series.

The models are compact-size, ergonomic handsets for the control of lifting, automation and material handling applications. The main advantages of this series include safety functions, and easy installation. Pushbutton handsets are available with 8, 6 or 4 pushbuttons.

## Safety and Protection:

- STOP function complying with EN ISO 13849-1
- PIN start up: prevents start up from unauthorized people
- Easy and safe replacement of the transmitter thanks to ID chip on socket – **NEW!**

## Functionalities:

- Automatic search for the working frequency
- Li-ion battery: no memory effect, no ageing, long autonomy
- Extremely light but robust transmitter (fall tests from 1.5 m)
- Multi-function pushbutton (latching, momentary, switch 1, 1+2, 2, 1/2)
- Browsing menus for optimization of functions and performance according to the application
- Multi units systems for the safe control of different machines
- Take & Release systems to share the control of the same machine
- ID internal tx memory – **NEW!**
- Use while charging – **NEW!**
- The back side of the unit is in black, maintaining robustness and increasing resistance to dirt – **NEW!**



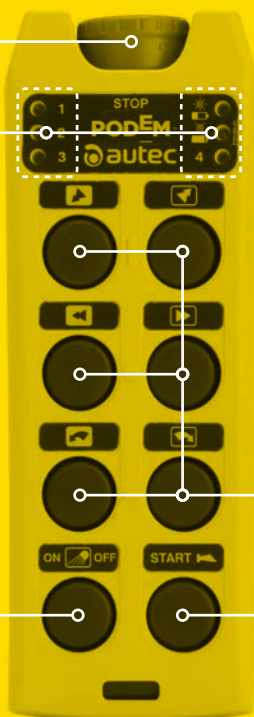
# Design

## Transmitter & Receiver

Emergency button

LED indicators

Function button



Transmitter

The receiving units are easy to install in many applications:

- Extended power supply range is supported, with all supply values managed with a single input
- Terminals and terminal blocks are easy to install, to facilitate wiring operations
- Functionalities of all relays can be programmed through software

Buttons according the model of RRC

Start button



Receiver

Cable gland for power and signal cable

Mounting holes

# Model Range / Configurations

## Air 4



Weight (including battery): 250 g  
Dimensions: 64.5 x 179 x 37.5 mm

## Air 6



Weight (including battery): 250 g  
Dimensions: 64.5 x 179 x 37.5 mm

## Air 8



Weight (including battery): 250 g  
Dimensions: 64.5 x 179 x 37.5 mm

## Receiver (for configurations with Air 4/6/8)



Weight: 1.2 kg  
Dimensions: 123 x 202 x 83 mm



## Air Handheld Kit

### Charger Plug

Charging system with quick connection accessorized with power bank to get extra energy when used. Available with USB.

### Ultra Soft Cover

Ultra-soft cover that guarantees the best ergonomic situation, improves the feel and entrances touch sensitivity of the buttons.



### Nest

Fixed wall mount system for storing transmitter unit when not in use.

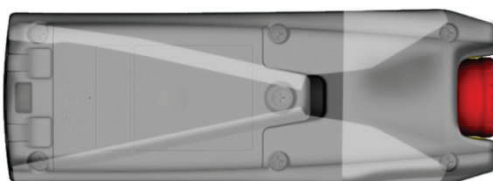
### Shoulder Strap

For better portability of the handheld.



### Battery Charging

New battery charging with USB input on the bottom.



**Air Handheld Kit includes:** Transmitting Unit, Receiving Unit, Charger Plug, Nest, Battery Charging, Air Series User Manuals CD

## Technical Features

|                                                               |                                                               |
|---------------------------------------------------------------|---------------------------------------------------------------|
| Frequency band                                                | 433.05–434.79 MHz (64 channels)<br>915–928 MHz (256 channels) |
| Typical working range                                         | 75–100 m                                                      |
| Safety category for the Stop protection (EN ISO 13849-1)      | PL d                                                          |
| Autonomy with fully charged battery (continuous use at 20 °C) | 40 h                                                          |
| Protection degree                                             | IP 65                                                         |
| Temperature range (Use) / (Storage)                           |                                                               |
| Transmitter                                                   | (–20 °C +55 °C) / (–40 °C +70 °C)                             |
| Receiver                                                      | (–20 °C +70 °C) / (–40 °C +70 °C)                             |
| Receiving unit power supply range                             | 40–264 VAC / 9–30 VDC                                         |
| Number of On–Off commands / Contact rated current             | Up to 12 + Start and Stop / 6 A (250 VAC)                     |

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