



## 1 to 4 & 8 keys radio remote control for wireless logic status translator



The ARF18 low cost remote controls enable wireless control of **1 to 24 digital states** over a distance of **400m**. They are available in **one-way or two-way versions** on 433.92 or 868MHz and are **approved according to the European directive RTTE EN 300-220/EN 301-489**. Security of transmission is ensured by means of a proprietary rotating code and a unique serial number. They are associated with a complete range of **2/4 relay, 8 binary output or serial decoder OEM receivers**. In two-way version, sending a transmitted command receipt acknowledge (flashing two-colour LED) validates correct transmission of the order and thus provides a maximum level of security for applications involving access control, alarms... More generally, these products cover applications ranging from **simple domestic remote control to autonomous control of tertiary or industrial equipment**, in sectors of activity such as home automation, systems automation, robotics ...

## Specifications

### Remotes control

- Frequency
- Radiated Rf power
- Operating temperature
- Modulation

### OEM receiver

- Power supply
- Consumption
- Sensitivity
- Outputs

### 2 relays receiver

- Power supply
- Consumption
- Switching capacity

### 4 relays receiver

- Power supply
- Consumption
- Switching capacity

### 8 open collector outputs receiver

- Power supply
- Consumption

### Serial decoder

- Format
- Power supply
- Consumption
- Serial link data rate

### One-way versions

**433.92MHz**  
**2 mW**  
**- 20 / +70°C**  
**ASK**

**3.3V nominal**  
**<12 mA**  
**-105dBm**  
**Serial interface level 0/Vdc**  
**Logical (for relays piloting)**

**9 to 24Vdc**  
**12mA open relays (75mA closed)**  
**62.5VC max 1A**

**15 to 30Vdc**  
**20mA open relays (130mA closed)**  
**230VC max 12A**

**9 to 24Vdc**  
**<25mA excluding outputs**

**8 bits, no parity, 1 stop**  
**12 to 30Vdc**  
**20mA**  
**1.2 à 9.6kBps**

### Alternative versions

**ARF7291X** : One-way remotes control (X=index A/B/C/D = 1/2/3/4 keys)  
**ARF7292X** : Two-ways remotes control (X=index A/B/C/D = 1/2/3/4 keys)  
**ARF6143A** : 8 keys remote control  
**ARF7293A** : OEM receiver for one-way remotes control  
**ARF7294A** : OEM receiver for two-ways remotes control  
**ARF6524A** : 2 relays receiver  
**ARF6523B** : 4 relays receiver - IP65 box  
**ARF4033A** : 8 open collector outputs receiver  
**ARF6513E** : Serial decoder

## Your distributor