

Smilo

433.92MHz rolling code radio-controlled system with self-learning function

18 billion billion combinations
Pre-wired receivers for easy and rapid installation.

The Smilo system has been specially designed to guarantee both maximum safety and ease of use and installation.

The system includes:

- **transmitters** 2 or 4 channels (SM2, SM4)
- **pre-wired receiver** with 2 channels (SMX2) or with plug-in (SMX1S)
- **variable rolling code transmission code:** absolutely secure because it's absolutely impossible to clone the transmitter!

- **self-learning function**
- **the codes can be entered at a distance with an authorised transmitter** or with a programming button on the receiver while a LED displays the different functions
- **memorisation:** a particular receiver output can be associated to each transmitter key (e.g. key 3 TX= output 1 RX).



| Code | Description | Pc/pack |
|------------|-------------|---------|
| SM2 | 2 channels | 2 |
| SM4 | 4 channels | 2 |

| Technical specifications | carrier frequency | range | coding | power supply | average absorption | dimensions |
|--------------------------|----------------------|--|---|---------------------------------------|--------------------|------------|
| SM2 | 433.92MHz ±100KHz | 150 - 200m with aerial tuned in free space | 64 digital bits (18 billion billion combinations) | 12Vdc + 20% - 40% with battery 23A | 25mA | Ø 48x14 h |
| SM4 | | | | | | |

Smilo receivers and accessories

Receivers

| Code | Description | Pc/pack |
|--------------|--|---------|
| SMX2 | pre-wired 2 channels with 256-codes memory | 1 |
| SMXIS | up to 4 channels with 256-codes memory | 1 |

| Technical specifications | carrier frequency | reception frequency | sensitivity | power supply | absor.when quiescent | decoding | number of channels | relay contact | dimensions |
|--------------------------|-----------------------------|---------------------|---------------------------|-----------------------|----------------------|--|--------------------|-------------------------------|------------|
| SMX2 | 433.92MHz quartz controlled | 52ohm | > 0.5µV for a good signal | from 12 to 28Vac - dc | 10mA | 64 digital bits (18 billion billion comb.) | 2 | normally open max. 0.5A-50Vac | 86x57x22 h |
| SMXIS | | | | 5Vdc | | | | up to 4 | - |

Professional, tuned directional aerial

| Code | Description | Pc/pack |
|---------------|--|---------|
| ABF | bracket mounted | 1 |
| ABFKIT | can be incorporated in Lucy flashing light | 1 |

| Technical specifications | reception frequency | impedance | bracket | cable |
|--------------------------|---------------------|-----------|-----------------|-------|
| ABF | 433.92MHz | 50ohm | stainless steel | RG 58 |
| ABFKIT | | | - | - |

Batteries

| Code | Description | Pc/pack |
|---------------|--|---------|
| B12V-A | 12V alkaline battery for SM2, SM4 transmitters | 50 |

Programming unit

| Code | Description | Pc/pack |
|------------|---|---------|
| SMU | programming and code control unit for receivers with SM connector, complete with connecting cable for pre-wired receivers | 1 |

| Technical specifications | power supply | consumption | dimensions |
|--------------------------|----------------------------|-------------|-------------|
| SMU | 9V internal battery inside | 10mA | 150x80x38 h |



pre-wired



with SM plug-in

