

# FIREFLY

## Push10

**A NEW GENERATION**  
 of **RADIO CONTROLS**



### STURDY

Very compact  
 and robust

### CUSTOMING

Great  
 flexibility

### LONG RANGE

Approximately  
 500m

### HIGH QUALITY

Swiss precision  
 technology

## FireFly - Push10

### Features Description :

**FireFly - Push10** is one Radio Remote Control from the FireFly family.

It's a Push Button version for a wide range of applications.

**FireFly - Push10** includes 1 Transmitter unit, 1 Receiver unit, 1 Battery charger and 2 rechargeable batteries.

### Transmitter Configuration :

- 10 Push Buttons 1 Steps / possibility + 2 Lateral Push buttons
- Led feedback for functions
- 1 Emergency Stop
- 1 Key Switch
- 1 Neck Belt

...and other options available...

### Technical data :

#### System :

Frequency band 863 – 870 MHz (20 channels)  
 Typical working range 500m  
 Channel management Automatic (Adaptive Frequency Agility)  
 Transmitting power < 25mW ERP  
 System address 24 bits (16 million addresses)  
 Transmission speed 5.2 kbit/s  
 Response time ~100ms

Active E-Stop response time < 100ms  
 Passive E-Stop response time < 500ms  
 Safety of the stop function **Up to** Cat. 3 PL d

#### Transmitter :

Autonomy with fully charged battery 40 Hrs  
 Antenna Internal  
 Protection degree IP 65  
 Operating temperature -20°C to +55°C  
 Dimensions 180mmx 95mm x 42mm

#### Receiver :

Power supply 9-30 VDC  
 Protection degree IP 65  
 Antenna External rugged antenna  
 Number of outputs 16 HS Switches + 1 PWM  
 + 1 SPDT Relay  
 Outputs rated current 4A  
 E-Stop outputs rated current 6A  
 Operating temperature -20°C to +70°C  
 Cabling Cable gland  
 Dimensions 120mm x 110mm x 40mm

#### Battery :

Technology Rechargeable lithium-ion polymer battery  
 Capacity 2000 mAh / 7.4 Wh  
 Voltage 3.7V nominal (4.2V to 3.0V)  
 Protection degree IP 65  
 Operating temperature (discharging) -20°C to +60°C  
 Operating temperature (charging) 0°C to +45°C  
 Dimensions 75mm x 30mm x 18mm

#### Battery charger :

Power supply 9-30VDC or 100-240VAC  
 Battery slots 2  
 Max. power consumption 25W  
 Charging time 3 Hrs max.  
 Protection degree IP 40  
 Dimensions 120mm x 120mm x 40mm