

FIREFLY

2JL

Crush Machine

A NEW GENERATION

of RADIO CONTROLS



STURDY

Very compact
and robust

CUSTOMING

Great
flexibility

LONG RANGE

Approximately
500m

HIGH QUALITY

Swiss precision
technology

FireFly 2JL - Crush Machine

Features Description :

FireFly - 2JL Crush Machine is one Radio Remote Control from the FireFly family.

It's a 2 Linear Joysticks version for a wide range of applications.

FireFly - 2JL Crush Machine includes 1 Transmitter unit, 1 Receiver unit, 1 Battery charger and 2 rechargeable batteries.

Transmitter Configuration :

- 4 Toggle Switches / 2 momentary positions.
- 2 Linear Proportional Joysticks
- 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 180mm x 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