

FLEX HANDY

Radio remote control



The Flex HANDY wireless control provides a cost-effective solution to the restrictive use of hardwired pendants.

Small in size, the Flex HANDY fits comfortably in the palm of your hand and incorporates the latest control technology in a lightweight, yet durable case. This low cost, easy-to-install radio is the perfect solution for a variety of systems and industries requiring simple control operations, such as winches, doors, and more.

KEY FEATURES

- Safe & Reliable, two-way communication, PL-D Category STOP function
- Low power consumption, only two AA batteries with more than 150 hours of operation
- Ergonomic, Compact & Lightweight
- Durable & Rugged
- Fully Sealed Enclosures (IP66/NEMA4)
- 62 User Programmable Channels
- Wireless Remote Pairing
- Unique Receiver Mounting Brackets



2 pieces of AA batteries

ADVANCED CONTROLS

- The Flex HANDY system utilizes dual advanced microprocessor controls with 32bit CRC and Hamming Code, providing ultra-fast, safe, precise and error-free encoding and decoding.
- Each and every Flex HANDY system has its own unique ID codes, never repeats.
- The Flex HANDY system is capable of two-way communication between the transmitter and receiver with status feedbacks (e.g. receiver MAIN relays and fault detection).
- The transmitter pushbuttons are ultra-durable and reliable for more than one million press cycles.
- Programmable functions: all functions and settings are easily set via pushbuttons, dipswitches or jumpers.



Ni-MH battery charger

ULTRA DURABLE & RUGGED ENCLOSURES

- The transmitter and receiver enclosures are made from industrial strength nylon and fiberglass composite material, not ABS plastic.
- All housings meet the IP66/NEMA4 requirements and are highly resistant to dirt, liquid, acid, alkali, grease and oil penetration.
- The receiver enclosures and output cables are UL94-V0 rated.
- The ergonomically designed transmitter and receiver enclosures are extremely compact and lightweight for easy operation and installation.



RECEIVER

The removable receiver mounting brackets are uniquely designed for easy mounting and dismounting.
A prewired cable is standard equipment on all Flex HANDY systems.

WORLDWIDE APPROVALS

The Flex HANDY systems are fully tested and certified in accordance with CE, the FCC Part 15 Rules and European Safety Standards.

- EN 301 489-1&3, EN 300 220-1&2
- EN 60204-32, EN 60950
- EN 60529, EN 13849-1
- STOP Function Category PL-D

PARAMETERS

- Frequency Range: 433MHz, 62 Channels
- Modulation: Digital frequency modulation based on Manchester Code, 20bit address, 32bit CRC Parity Check and Hamming Code
- Encoding / Decoding Reference: Advanced microprocessor controlled
- Operating Range: 90 Meters
- Responding Time: 40 ms (average)
- Transmitter Voltage: 3,0 V DC
- Output Contact Rating: 250 V AC @ 3 A
- Receiver Voltages: 24÷48 V AC @ 50 Hz, 48÷240 V AC @ 50 Hz, 9÷36 V DC
- Enclosure Rating: IP66 / NEMA4
- Operating Temperature: -25°C/75°C
- Transmitter Dimensions: 130x55x40 mm @ 183 g (include batteries)
- Receiver Dimensions: 120x90x55 mm @ 900g (include output cable)

LABELS & ACCESSORIES

Flex HANDY system is standard equipped with pushbutton labels, lanyard, vinyl casing and output cable.

Removable mounting bracket, magnet mount, belt clip, ring hook, waist belt, rubber guards and charging station are optional.



Receiver mounting bracket



Ring hook



Belt clip



Magnet mount

For more information contact TER CESKA s.r.o.

