



MAGNETEK
E N R A N G E

Flex VUE™ Transmitter

4, 8, and 12 Buttons

Technical Specifications

Transmitter Specification

Temperature Range:

- -25°C to 70°C (-13°F to 160°F)

Environmental Protection:

- IP66 and NEMA 4 Transmitter

Operation Range:

- Non-Licensed Part 15 Up to 300 feet (91.44 m)
- Non-Licensed FHSS Up to 3000 feet (914.4 m)

Frequency Range:

- Non-Licensed Part 15 433-434.75 MHz
- Non-Licensed FHSS 902-928 MHz / 2.4-2.5 GHz
- Government Band 405-430 MHz

Output Power:

- Non-Licensed Part 15 Less than 1mW
- Non-Licensed FHSS 50 mW, 125 mW
- Government Band 1mW

RF Channels

- Non-Licensed Part 15 32 channels
- Non-Licensed FHSS 32 channels
- Government Band Up to 1000 frequencies

Antenna:

- Internal

RF Type:

- TMS (Time Multiplexed Signaling)
- Microprocessor Controlled PLL synthesizer
- FHSS (Frequency Hopping Spread Spectrum)
- Transceiver

Response Time:

- Approximately 50 ms

Certifications:

- FCC & IC Approved Part 15

Weight:

- 4 button – 11 oz
- 8 button – 12.5 oz
- 12 button – 14 oz

Dimensions:

- 4 button – (LxWxH) 7.1" x 3.0" x 1.9" (179 x 76 x 47 mm)
- 8 button – (LxWxH) 8.9" x 3.0" x 1.9" (225 x 76 x 47 mm)
- 12 button – (LxWxH) 10.7" x 3.0" x 1.9" (271 x 76 x 47 mm)

Transmitter Component Specifications

Graphic Display:

- Backlit display
- 1.9" x 1.4" (48 x 36 mm)
- Multilingual with standard ACSII characters
- High resolution color

Pushbuttons:

- Two step (speed)
- Proportional (0 to 100%, interlocked and non-interlocked)

Proportional Button Configuration

- Each button can be configured as proportional, on/off momentary, or on/off latched. Other custom configurations are available. Please consult the factory for more information.

Adjustable Speed Control Settings for Proportional Buttons:

- 4 settings – 25%, 50%, 75%, and 100%

On/Off/Start Switch

- 3 position, removable power key lock out

E-stop Switch

- Push to activate, twist to deactivate

LED

- 1 multi-color green/red/blue - Status LED Indicator

USB:

- Programming Port

Infrared Port:

- Programming Port

Battery and Charger Options

Battery Type:

- Disposable: 2 AA Alkaline, 2300 mAh

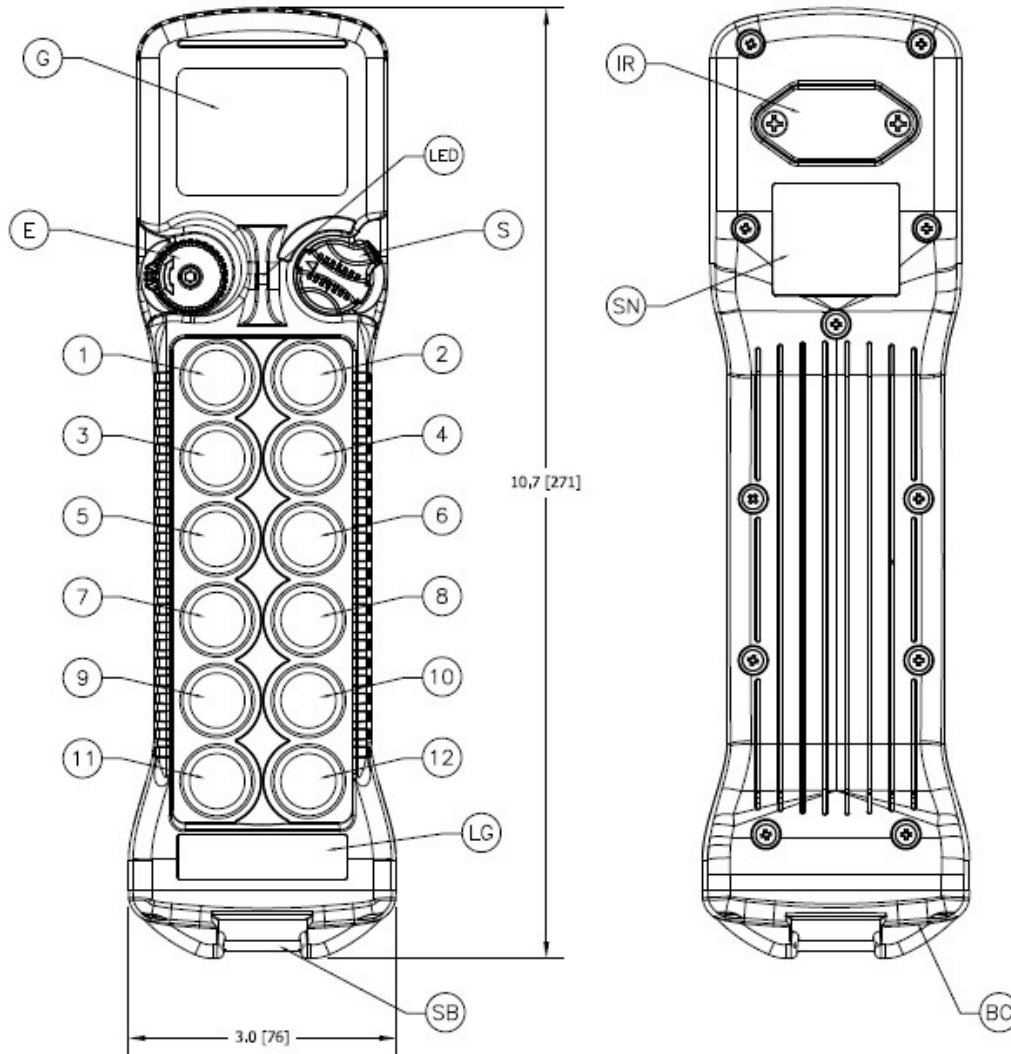


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LAYOUT OF FLEX VUE 12 BUTTON

- | | | |
|-------------------------------|--------------------|-----------------------------|
| G. Graphic Display | 5. Pushbutton #5 | 12. Pushbutton #12 |
| E. Emergency Stop Button | 6. Pushbutton #6 | LG. Logo Label |
| S. Removable Power Key Switch | 7. Pushbutton #7 | SB. Strap Bar |
| 1. Pushbutton #1 | 8. Pushbutton #8 | IR. IR Communication Window |
| 2. Pushbutton #2 | 9. Pushbutton #9 | SN. System Information |
| 3. Pushbutton #3 | 10. Pushbutton #10 | BC. Battery Case |
| 4. Pushbutton #4 | 11. Pushbutton #11 | |

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Brochure No. Flex VUE
Tech Specs



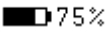
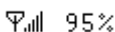
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Flex VUE™ Transmitter

Features and Benefits

| | FEATURES | BENEFITS |
|-------------|---|--|
| Comfort | One Handed Operation | Allows the user to easily control the equipment with one hand while freeing up the other hand for other tasks. |
| | Contoured, Ergonomically Designed | More comfortable for the operator to use. Proportional buttons offer smooth operation and low resistance, reducing hand fatigue. |
| | Handheld Style | Very lightweight and compact design, less likely to restrict the operators' movement and workflow. |
| Durability | Constructed of advanced polymer technology— super tough nylon | Resistant to most chemicals. Heat and shock resistant. Designed for an abusive industrial environment. |
| | Sealed electronics compartment – Flex VUE transmitters conform to IP66 and NEMA 4 standards | Protects components from chemicals, heat and other elements in abusive industrial environments. Designed to withstand dust, rain, water, and ice. |
| | Primary motion switches tested to over 1 million operations | Durable, rugged switches withstand continuous use and harsh environments. |
| Versatility | Universal Spare Transmitter | A spare transmitter can easily duplicate the settings of another transmitter using the Radio Control Programmer (RCP). This allows the user to replace a transmitter in the field with ease. |
| | Various Button Configurations | Proportional buttons can also be configured for On/Off Momentary, On/Off Latched, 2 speed, or 3 speed operation. |
| Components | Proportional Pushbuttons | Offers the user smooth, stepless operation. |
| | Two-Step Pushbuttons | With two-step pushbuttons, the operator will know the exact speed of operation with the mechanical detents. |
| | USB Port | Easily downloadable firmware upgrades, user settings. |
| | Infrared Port | Allows user to easily match the transmitter with a given receiver |
| | LED | Informative LED gives visual indication of the status of the transmitter. |
| | Batteries | Standard AA Alkaline batteries provide for long hours of operation. |



| | FEATURES | BENEFITS |
|-----------------|---|---|
| Graphic Display | Software Controlled Setup Mode | Allows the user to quickly change any configuration setting (channel, access code, time out) on the transmitter through easily understood menus without having to open the device. |
| | Visual Command Confirmation | Gives visual feedback confirmation on the display of which command is being operated. |
| | Battery Life Indicator  75% | Shows remaining battery life percentage in 5% increments so you know when your battery needs to be changed. |
| | Signal Strength Indicator  95% | Find the best location to operate at and be certain your signals are getting through. |
| | Self-Diagnostics | Scans all switches on startup to be sure no switches are on, and performs RF calibration. |
| | Two-Way Feedback System | Can be programmed to display parameters measured at the receiver such as weight of a load, drive speed, current, CAN-bus parameters, etc. Gives user info needed to safely or more efficiently operate the crane. |
| Performance | Adjustable Speed Control (ASC) | Gives the user four selectable ranges (0-100%, 0-75%, 0-50%, 0-25%) for more precise control at lower speeds. |
| | Electronically Synthesized Frequency Generation | Easily change frequencies in the field without concern about breaking crystals. |
| | Digitally Encoded Message | A highly secure and intelligent signal will only operate the intended equipment. |
| | Part 15 Unlicensed Operations | Up to 32 channels available in the ranges of 430-439.8 MHz, 902-928 MHz, and 2.4-2.5 GHz. Allows you to “tune” the system for your environment and to avoid on channel interference. |
| | FHSS Available in 2.4 GHz | Reliable in conditions with extreme RF interference. High power, long distance communication. |

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