

## Firefly Industrial Remote Control

### REMOTE CONTROL APPLICATION

The Firefly Remote Control is a completely wireless remote control system designed to control just about anything.

By using advanced technology, the Firefly Remote Control enables the end user to program the desired functionality and permits the user unhindered mobility from approximately a 1/4 mile away (line of sight).

Technical specifications

#### Receiver

Operational temperature: 0-70 degrees Celsius  
 Operational distance: 1/4 mile line of sight, optimal conditions  
 Frequency band: 916 MHz  
 Encoding/Decoding: microprocessor based  
 Security codes: code hopping, 3 billion address codes  
 Diagnostics: Status LED's  
 Contact rating: 5A @ 30 VDC, 10A @ 125 VAC  
 Power options: 12 VDC and 120 VAC wall adapter  
 Relays: 4  
 Enclosure: Sealed polycarbonate with mounting holes  
 Height: 3.5 inches  
 Width: 4.5 inches  
 Depth: 2.25 inches

#### Transmitter

Controls: User programmable  
 Buttons: 4  
 Diagnostics: LED button pressed indication, LED blink low battery indication  
 Power: 2 AAA batteries  
 Antenna: Internal planar  
 Enclosure: Water/weather/impact resistant sealed polymer  
 Carry: Belt clip  
 Length: 4.15 inches  
 Width: 2.25 inches  
 Depth: 0.85 inches  
 Weight: 6 oz

### OPERATIONAL BENEFITS

- Completely user programmable
- Improved operator safety
- Unrestricted mobility
- 1/4 mile range line of sight
- Rugged construction
- Lightweight hand-held transmitter
- Field proven usage
- Cost effective control alternative
- High standards and reliability
- Built-in transmitter antenna
- Transmitter low battery indication
- 16 user programmable functions
- Large transmitter buttons for easy operation
- Receiver is small and lightweight
- Easy receiver learn functionality

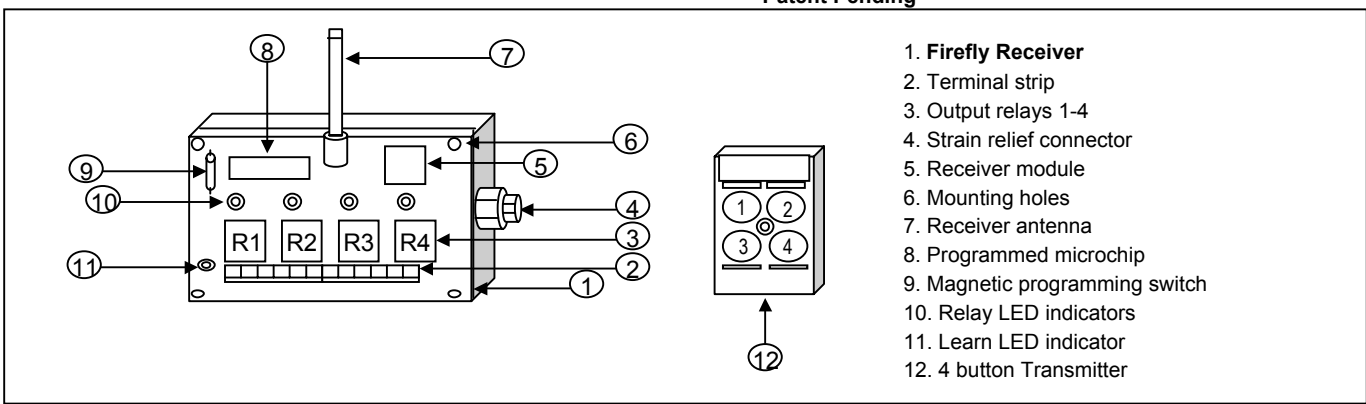
#### Power considerations

Stand-by current: 8 mA  
 Maximum current: 200 mA  
 Stand-by battery drain: 5 Amp hrs/month  
 Suggested fusing: 1/2 Amp fuse

#### The Firefly Remote system comes with:

- User programmable receiver
- Rugged industrial water resistant transmitter
- Receiver antenna
- 120 VAC wall transformer
- Owners manual

Patent Pending



1. Firefly Receiver
2. Terminal strip
3. Output relays 1-4
4. Strain relief connector
5. Receiver module
6. Mounting holes
7. Receiver antenna
8. Programmed microchip
9. Magnetic programming switch
10. Relay LED indicators
11. Learn LED indicator
12. 4 button Transmitter



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