The Viper X50 and Viper X70 are feature-rich, reliable systems designed to perform, built to last and guaranteed to provide years of trouble-free operation. Their advanced operating system and Direct Current (DC) motor ensures an amazingly quiet operation. Backed by the longest warranty in the business any Viper operator will give you Quiet, Performance, & Durability.

Amazingly Quiet...

Viper X50
Viper X70

X50 - 15 Year Parts Warranty
X70 - Lifetime Parts Warranty
Viper X50/X70 Specifications

**Electrical**
- Power Supply: 120 VAC / 60Hz
- Control Voltage: 24 VDC
- Motor Voltage: 24 VDC
- Thermal Protection: Automatic
- Power Cord: 6ft (3-Prong)

**Operator Features**
- Travel Rate: Main: 5.5 in/sec
- Push & Pull Force: Viper X50: 500 Newton (1/2 HPS)*
  Viper X70: 700 Newton (3/4 HPS)*
- Operating force and system sensitivity for open and close position independently adjustable
- Logic Type: Microprocessor with Built-In Surge Suppressor
- Limit Settings: Electronic
- Class II - Low Voltage Connections: Quick Connect Terminals
- Display: 8-LED Operation/Diagnostic system
- Operator weight: Viper X50: 9 lbs
  Viper X70: 10 lbs

**Dimensions (L x W x H):**
- Viper X50: 18¼" x 8½" x 6¾"
- Viper X70: 14½" x 14½" x 6¾"

**Photo Eye Sensors Safety System**
- Non-impact, advanced Infrared Safety Sensors reversing system. Complies with all UL 325 requirements and safety regulations.

**Radio Controls**
- Receiver: Modular, wireless code learning
- Frequency: 315MHz (Homelink® compatible)
- Technology: Multi-bit code

**Digital Transmitter**
- Included Transmitter:
  Viper X50: One 2-ch. MINI
  Viper X70: One 2-ch. MINI
- Operating Range: 100ft. approx.
- Battery: One 3V battery

* Horsepower comparable in strength (HPCS™), using lifting force specifications to a 1/2HP and 3/4HP garage door operator.

**Drive System**
- The best in advanced engineering and materials: One piece semi-closed fully assembled drive system with a high strength galvanized steel finished C-rail, available with a steel-reinforced belt or a full steel chain.
- Drive system overall length for a 7ft. door:
  Viper X50: 10'-10 1/4"
  Viper X70: 10'-6 1/2"

**Rail**
- Door Heights Supported: 7ft, 8ft, 10ft.
- Headroom Clearance Required: 1¼"-2¼"
- Trolley: Includes emergency release, easy reconnect

**Wired Controls**
- Modular Multi-Function Wall Control with Vacation/Lock Switch

**Lighting System**
- Time controlled:
  Viper X50: 1 bulb, 60W Max.
  Viper X70: 2 bulbs, each 60W Max. (not provided)

**Lens Cover**
- High impact, heat resistant, UL recognized plastic:
  Viper X50: 1 lens cover
  Viper X70: 2 lens covers

**Safety and Convenience**
- Meets and exceeds all UL 325 requirements
- Easy Operating System (EOS™)
- External devices Quick Connect Terminals located on the rear of the operator for an easier and quicker installation
- Infrared photo eye protection system
- Safety reversal (sensing technology) system, door stops from closing upon contacting a person or object.
- Warning System (light flashes) during an obstructed condition
- Manual emergency release in case of power failure
- On-Command Door Activation (OCDA™), programmable "open" intermediate position to vent the garage
- Adjustable light timer from 30 seconds to a maximum of 4 minutes 30 seconds
- Energy Conservation Feature:
  - Automatic light timer from 30 seconds to a maximum of 4 minutes 30 seconds
  - Self Learn Force System:
    - Monitors and controls motor force every cycle (Smart Motor™) to optimize operation force requirements
  - Soft Start/Soft Stop:
    - Electronically Controlled - Prevents premature door and operator wear and provides quieter operation
  - Self-Diagnostic System:
    - LED error code indicator for a more efficient (quicker) installation and system troubleshooting
    - System reset function clears the system memory and restores default system settings

**Connection Terminals**
- The external devices/accessories Quick Connect terminals integrate all external devices connections in a central location, on the rear of the operator, providing for an easier and quicker installation, easier connectivity verification.
- Innovative concept where the receiver module is simply plugged into the unit. This allows for quick and simple frequency changes.

**Warranty**
- Viper X50: 15 years on parts
- Viper X70: Lifetime on parts

**Accessories**

**Transmitters**
- Two styles of digital remote control transmitters in three different configurations: 2-channel MINI, 4-channel MINI (optional), and 3-channel MICRO (optional) remotes for controlling other devices. Unique, multi-bit technology, LED control button verification.

**Modular Multi-Function Wall Station**
- Provides door operation and convenience from inside the garage. Compact, stylishly designed to fit in a standard single gang electrical box. Illuminated push-button. Security vacation/lock switch. Light control. Individual control stations can be combined into one solid panel.

**Wireless Keyless Entry System (WKES)**
- Convenient, 4-digit PIN. Controls up to 3 different garage doors. Code security. Weather resistant. Provides temporary access to authorized visitors or service personnel.

Marantec reserves the right to make design and technical specifications changes without notice.

Patents: 4,625,291, 4,855,531, 7,009,592 (Other patents pending)

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