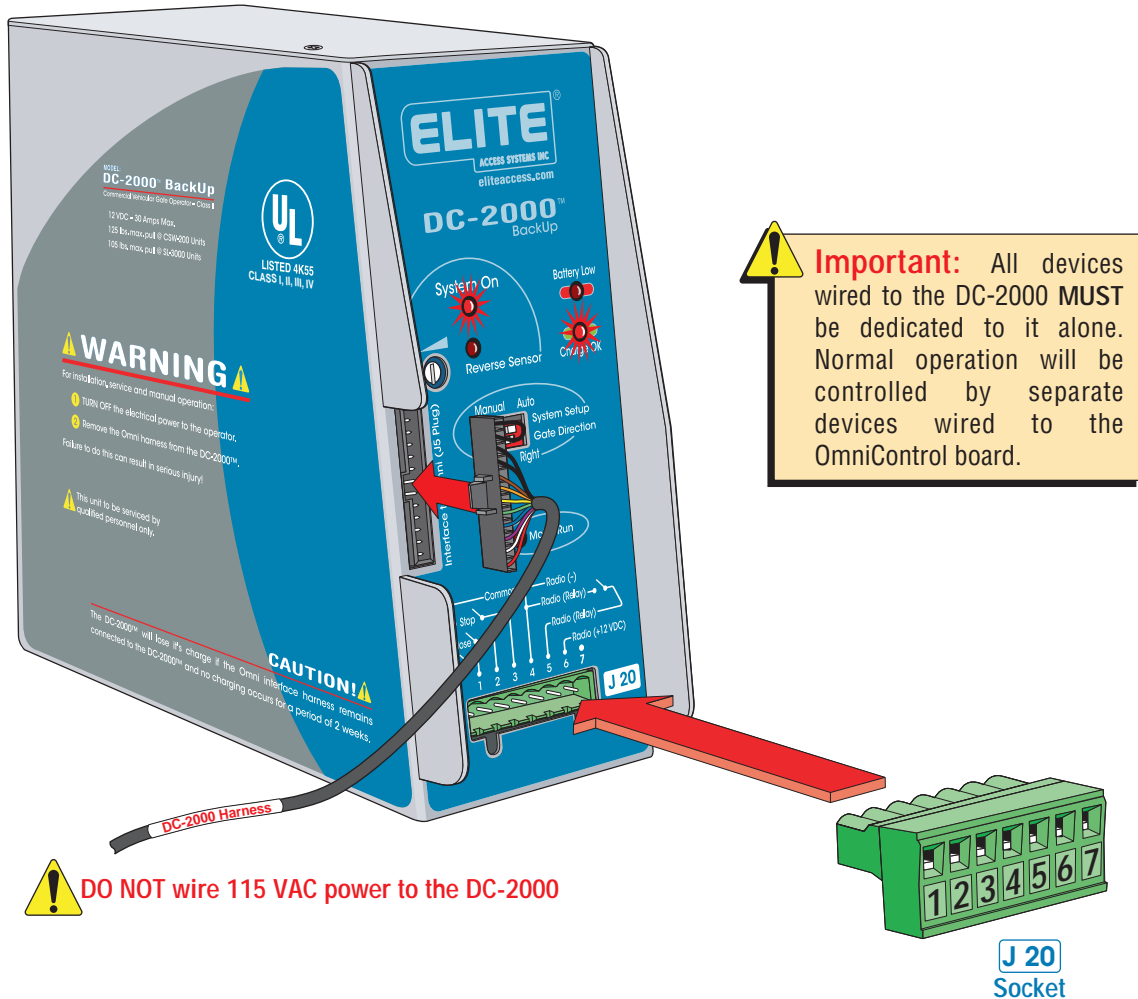


# FACTORY INSTALLED DC - 2000

- 1 Plug in the 12 pin plug into the DC-2000 control unit. Make sure the **“System ON”** and **“Charge OK”** LEDs are lit. If the **“Battery Low”** led comes on, the battery needs to charge before it can be used.
- 2 Make sure **“Gate Direction”** setting on DC-2000 is set the same as the gate operator s setting.



## System Setup

**“Manual” setting:** The DC-2000 will respond to the input devices wired to the J 20 socket. This mode can also be used as an emergency override. If 115 VAC power is on, but the system has an electronic malfunction, the gate can be operated using the DC-2000 system with input devices wired to J 20 socket.

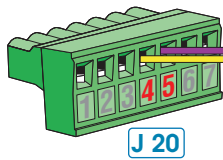
**“Auto” setting:** The DC-2000 opens the gate automatically upon 115 VAC power failure and stays open. When 115 VAC power is restored, the gate operator will return to normal operation. (The gate can be closed by manual command)

|                    | 115 VAC Power Failure                | 115 VAC Power On, OmniControl Board Malfunction                      | 115 VAC Power On, Emergency Override                   |
|--------------------|--------------------------------------|--|--|
| <b>Manual Mode</b> | Push and <b>Hold</b> to operate gate | Turn the 115 VAC power off then push and <b>Hold</b> to operate gate | Push and <b>Hold</b> to override the OmniControl board |
| <b>Auto Mode</b>   | Gate automatically opens             | Turn the 115 VAC power off then gate opens automatically             | Push and <b>Hold</b> to override the OmniControl board |

# WIRING OPTIONAL DC-2000 DEVICES

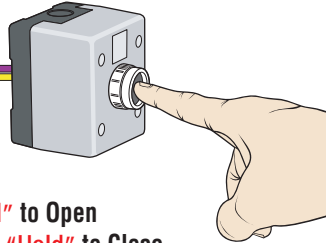
**! Important:** All devices wired to the DC-2000 **MUST** be dedicated to it alone. Normal operation will be controlled by **separate** devices wired to the OmniControl board.

If the DC-2000 is automatically opening the gate due to a power failure, any manual command such as “**One-Button**”, “**Three Push Button**”, “**Key Switch**”, “**Photo Beam**” or “**Edge Sensor**” will cancel the automatic mode of the DC-2000. After such cancellation, the DC-2000 will continue to operate in manual mode until 115 VAC power is restored.

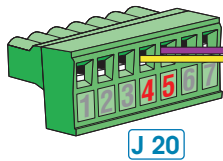


## Manual One-Button

Elite Part # **A EXIT P**

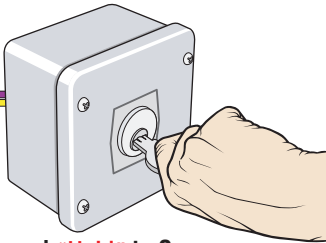


Push and “**Hold**” to Open  
Push again and “**Hold**” to Close



## Key Switch

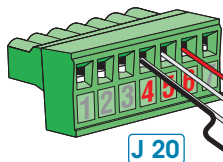
Elite Part # **A 1KX**



Turn and “**Hold**” to Open  
Turn again and “**Hold**” to Close

### EMERGENCY OVERRIDE

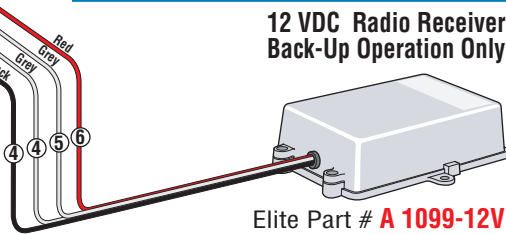
If 115 VAC power is on, but the system has an electronic malfunction, the gate can be operated using the DC-2000 system with **ANY** of these devices shown.



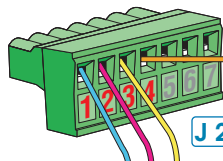
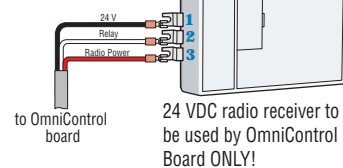
## Radio Receivers

12 VDC Radio Receiver  
Back-Up Operation Only

Elite Part # **A 1099-12V**



Normal Operation

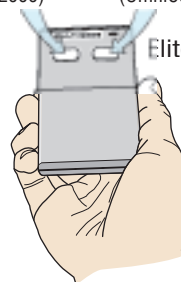


## Three-Button

Button Two:  
Back-Up Operation  
(DC-2000)

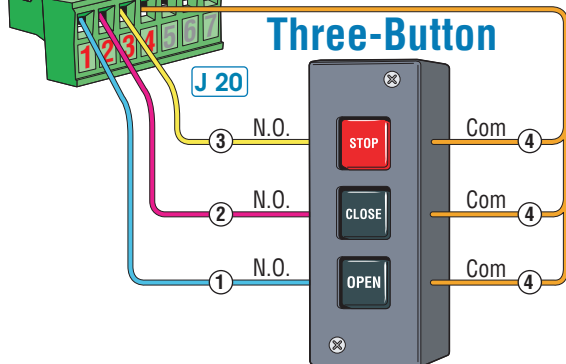
Button One:  
Normal Operation  
(OmniControl Board)

Elite Part # **A 3032**

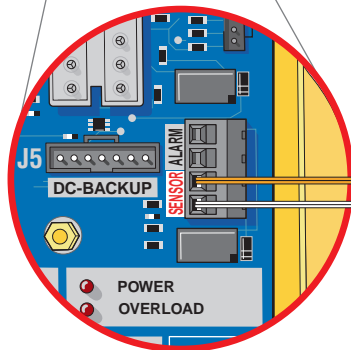
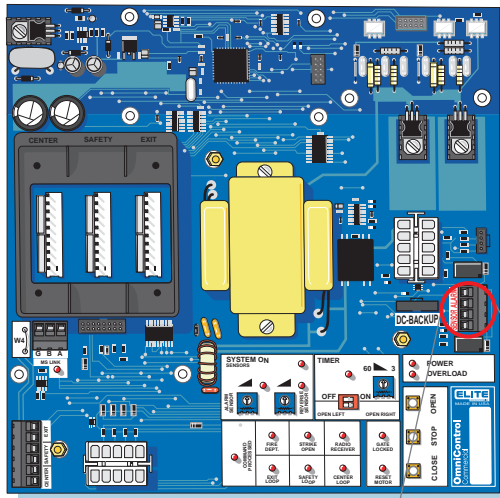


Push and “**Hold**” DC-2000 Transmitter Button to Open  
Push again and “**Hold**” DC-2000 Transmitter Button to Close

Push and “**Hold**” a Button to operate



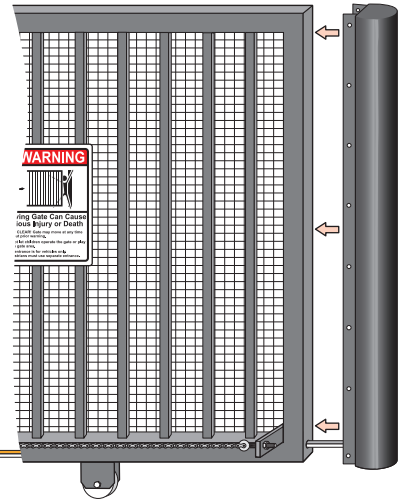
# WIRING DC-2000 SAFETY DEVICES



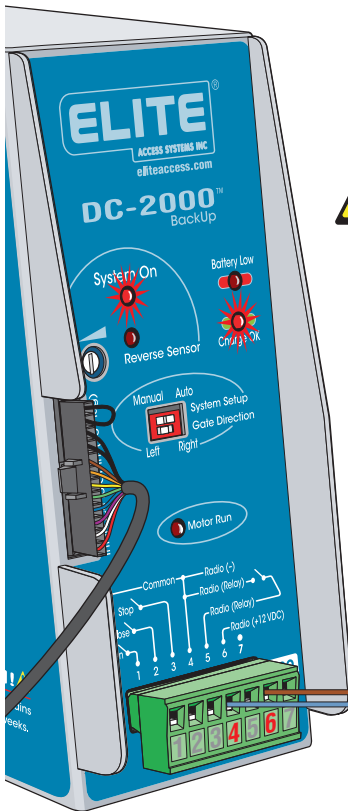
OmniControl Board  
Sensor Connection

**Important:** DO NOT remove any existing attached wires from the Sensor/Alarm connector.

## Edge Sensor



Miller Edge Models: **MGR20** or **MGS20**

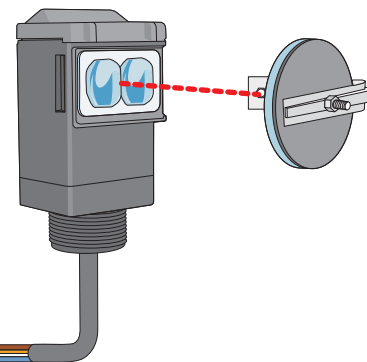


Power +12 VDC

Power Ground

## Photo Beam Sensor 12 VDC

Elite Part # **A OMRON12V**



USE ONLY 12 VDC FAILSAFE PHOTO BEAM SENSORS FOR THIS SAFETY OPTION

**Failsafe Photo Beam:** If a photo beam is not working, loses power or photo beam is blocked, then the photo beam will stop **all** gate operation.

Contact your local dealer for more information.