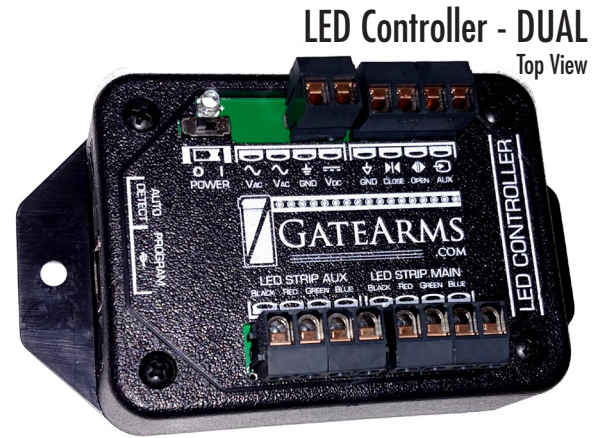
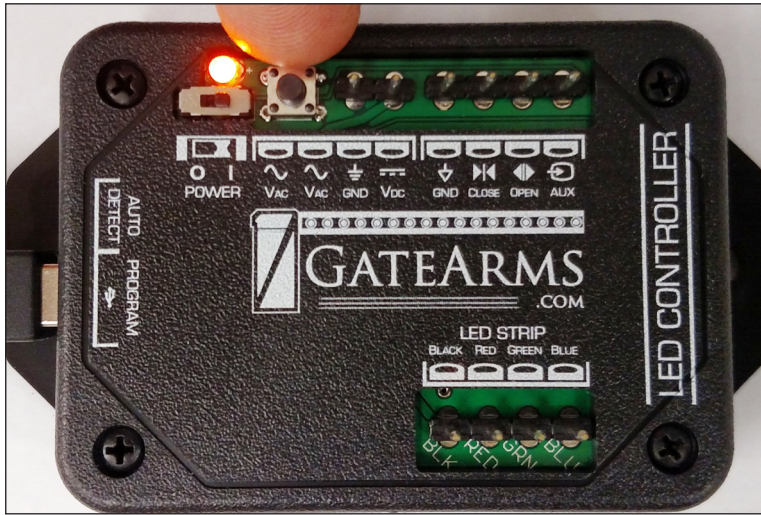


PRODUCT ACCESSORIES

# LED Controller (USB)



### Product Description

The GateArms.com LED Controller was created due to a need to control LED lights at gate crossings. The gate owners want the LEDs to be Red when the gate is closing and fully closed, and Green when the gate is opening and fully open. A mechanism was needed to interpret the signals from the gate operators and intelligently control the LED colors. Many variables exist that can affect the timing of the color changes, so the LED Controller has programmable flexibility to accommodate many scenarios.

### Design components

- One or two 4-pin headers for connecting one or two LED strips
- One 4-pin header for connecting 4-conductor signal wire
  - Signal Ground/Common pin
  - Close pin
  - Open Pin
  - Auxiliary Pin
- One 2-pin header for connecting power wire from 12V power adapter
- USB header for connecting to PC

### Technical Specifications

- Dimensions (L x W x H) (in/mm) 3.29 x 2.42 x 1.625 in./83.57 x 61.47 x 41.28 mm
- 12V-DC power
- Environmental maximum (-30°F to 135°F)
- USB-Type B connector  
Linux, Windows XP/7/8/10 compatible
- Case Material: Flame Retardant ABS
- Case Flame Rating: UL94-5VA

### Programming

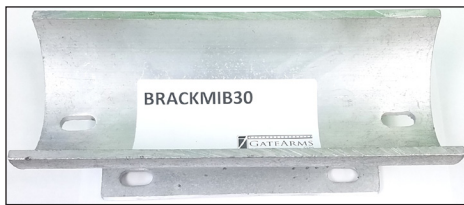
LED Controllers are shipped from our factory pre-programmed. The factory programming depends on the end-use for which the LED Controller is destined. Re-programming controllers is done with a simple PC configuration tool, which can be downloaded from the GateArms.com website.



## PRODUCT ACCESSORIES

### Magnetic MIB30 Brackets

Part Code: BRACKMIB30



#### Product Description

These barrier gate operator brackets are used to attach 3" round aluminum gate arms to Magnetic (brand) gate operators.

#### Applicable gate operators

Magnetic MIB30

#### Parts included

1 Bracket, 2 - 4" Stainless Steel bolts, 2 Stainless Steel washers, 2 nylon nuts.

#### Installation

1. Remove outer bracket from operator's gate arm mounting plate.
2. Firmly attach new GateArms.com bracket to mounting plate reusing same bolts and washers.
3. Attach new LED gate arm to outer bracket using 2 stainless steel bolts and washers with 2 nylon nuts

### HySecurity™ Brackets

Part Code: BRACKHYSECURITY



#### Product Description

HySecurity Brackets are used to attach 3" round aluminum gate arms to HySecurity StrongArm™ gate operators.

#### Applicable gate operators

HySecurity StrongArmPark DC 10, DCS 10, DC 14, DCS 14

#### Parts included

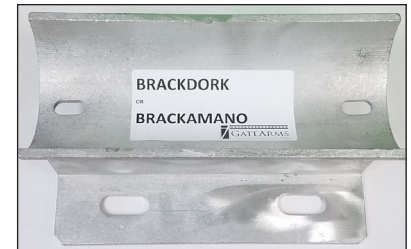
1 Bracket, 2 - 4" Stainless Steel bolts, 2 Stainless Steel washers, 2 nylon nuts.

#### Installation

1. Remove outer bracket from StrongArmPark mounting plate.
2. Firmly attach new GateArms.com bracket to mounting plate reusing same bolts and washers.
3. Attach new LED gate arm to outer bracket using 2 stainless steel bolts and washers with 2 nylon nuts

### Door King & Amano-McGann Operator Brackets

Part Code: BRACKDORK or BRACKAMANO



#### Product Description

These barrier gate operator brackets are used to attach 3" round aluminum gate arms to DoorKing and Amano-McGann gate operators.

#### Applicable gate operators

Door King 1601, Amano-McGann AGP-1711

#### Parts included

1 Bracket, 2 - 4" Stainless Steel bolts, 2 Stainless Steel washers, 2 nylon nuts.

#### Installation

1. Remove outer bracket from operator's gate arm mounting plate.
2. Firmly attach new GateArms.com bracket to mounting plate reusing same bolts and washers.
3. Attach new LED gate arm to outer bracket using 2 stainless steel bolts and washers with 2 nylon nuts

## Supplemental Bracket

Part Code: BRACKSUPLMLEFT & BRACKSUPLMRIGHT



### Product Description

Supplemental Brackets are used to eliminate cracking on 3" aluminum gate arms. This cracking typically occurs very near the standard gate arm bracket and is due to aluminum fatigue. Cracking is usually seen on gate arms at high-usage gates where the gate arm frequently reverses course mid-air. The supplemental bracket extends the lifting surface area on the gate arm. This shifts and spreads out the pivot point and eliminates cracking.

### Applicable gate operators

Liftmaster MegaArm. Typically only the 15' arms suffer from this stress.

### Parts included

1 Bracket, 2 - 4" Stainless Steel bolts, 2 Stainless Steel washers, 2 nylon nuts

### How to determine LEFT or RIGHT bracket

Stand in front of the gate operator with the outside of the bracket (nylon nuts) facing you. Does the gate arm go to your right or left? That is the bracket to order.

### Installation

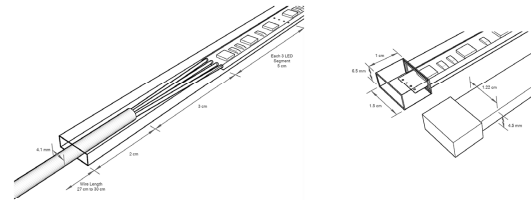
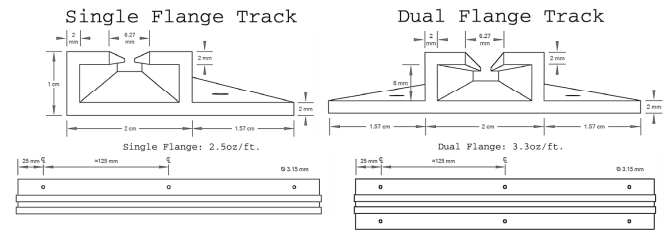
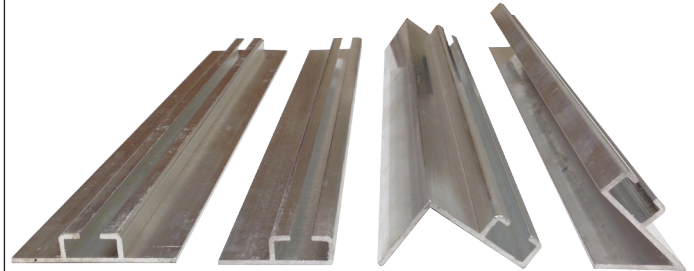
1. Remove gate arm from bracket. Discard existing bolts.
2. Slide the supplemental bracket onto the back of the Liftmaster bracket so that the bracket will be underneath the gate arm.
3. Replace the gate arm, using the new longer bolts.

PRODUCT ACCESSORIES

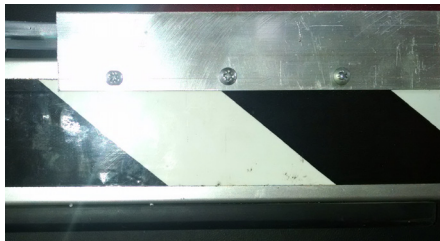
### Replacement LED light strips with Replacement 12-volt power supply (USA)



### LED Aluminum Track Single and Dual Flange



### Articulating Arms



Single-flange  
Mount on Back



Single-flange  
Mount on Back

### DOT-approved Reflective Tape (various widths, lengths)

