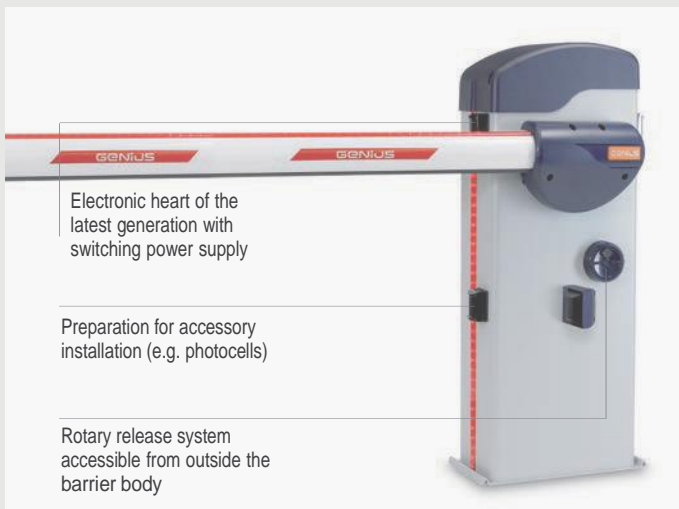


# Rainbow



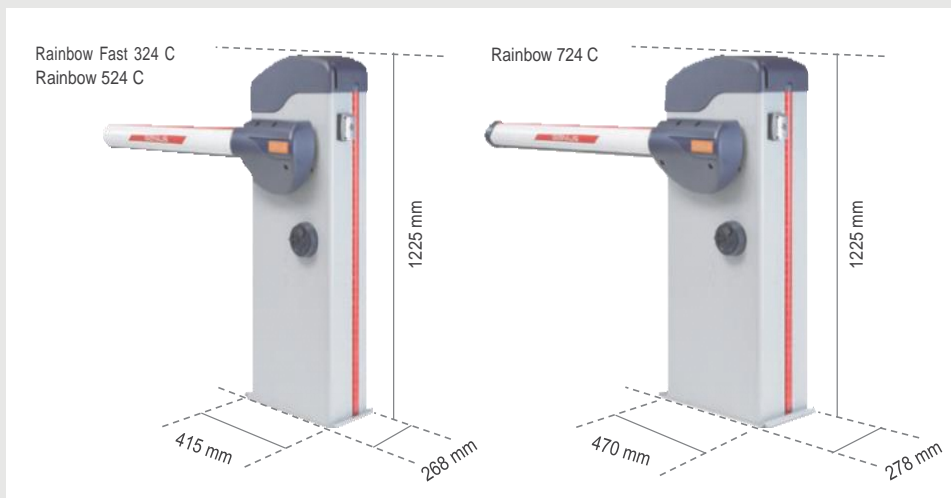
## AUTOMATIC BARRIER FOR MOTOR VEHICLES

- Available version: 24V for passages up to 3, 5 and 7 m.
- The balance of the beam is automatic thanks to 1 or 2 springs.
- 7 m beam supplied in two parts together with a fixing joint.
- Lights for beam and barrier body.
- Ergonomically positioned and easily accessible control panel.
- Encoder for obstacle detection.
- User friendly rotary release system with customised key.
- Certified for continuous use (for more than 1.000.000 manoeuvres.)

| Code    | Name               | Version   | Voltage | Max. beam length |
|---------|--------------------|---|---------|------------------|
| 6130037 | Rainbow Fast 324 C | Non-reversible FAST with encoder and integrated LYNX 07 | 24V     | 3 m.*            |
| 6130034 | Rainbow 524 C      | Non-reversible with encoder and integrated LYNX 07      | 24V     | 5 m.*            |
| 6130035 | Rainbow 724 C      | Non-reversible with encoder and integrated LYNX 08      | 24V     | 7 m.*            |

\* Length indicated refers to the passage width, beam total length = passage width + 0.30 m approx.

## OPERATOR DIMENSIONS



| Technical Specifications                        | Rainbow Fast 324 C | Rainbow 524 | Rainbow 724  |
|---|--------------------|-------------|--------------|
| Power supply (V)                                | 230/115            |             |              |
| Electric motor (V)                              | 24                 |             |              |
| Max. power at thrust (W)                        | 280                |             | 480          |
| Nominal motor power (W)                         | 160                |             | 220          |
| Max. torque at 24Vdc (Nm)                       | 155                | 140         | 370          |
| Operating rated torque (Nm)                     | 30                 | 75          | 140          |
| Opening/closing nominal time (sec) <sup>1</sup> | from 2 to 3        | from 4 to 8 | from 7 to 11 |
| Frequency of use at 20 °C                       | 70%                |             |              |
| Operating ambient temperature (°C)              | -20 +55            |             |              |
| Noise (dBA)                                     | >70                |             |              |
| Protection class                                | IP54               |             |              |
| Operator weight (Kg)                            | 66                 |             | 72           |

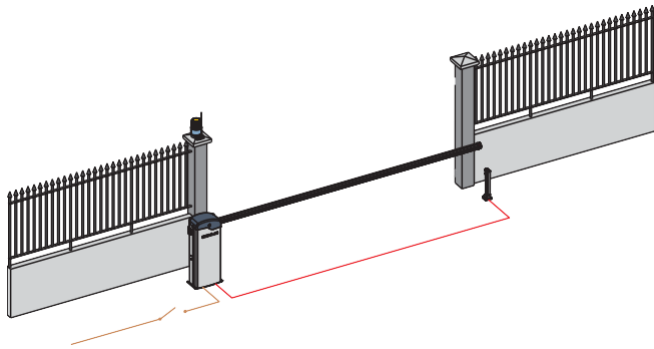
## CONTROL BOARDS

Lynx 07  
Lynx 08

N.B.

1 - Depending on the slow down setting.

ELECTRIC WIRING DIAGRAM



■ Line ..... 3x1,5 mm<sup>2</sup>

■ RX photocells ..... 4x0,5 mm<sup>2</sup>

TYPICAL INSTALLATION EXAMPLE

| Q.ty | Material description  | Part number |
|------|---|-------------|
| 1    | RAINBOW FAST 324 C barrier body with incorporated LYNX 07 control board | 6130037     |
| 1    | Foundation Plate  | 6100294     |
| 1    | Round Beam 3300 mm (passage width 3000 mm)                              | 428042      |
| 2    | Spring for RAINBOW FAST 324 C   | 58F1812     |
| 1    | RQFZ 868 MHz Module   | 6100347     |
| 1    | Four-Channel Transmitter KILO TX2 JLC                                   | 6100332     |
| 1    | 24V GUARD Flashing Lamp   | 6100054     |
| 1    | QUICK 1 key-operated selector for outdoor use                           | JA31101-10  |
| 1    | Pair of ORION photocells  | JA310       |
| 1    | Column for photocell  | JA325       |
| 1    | Foundation plate for column   | JA328       |

ACCESSORIES



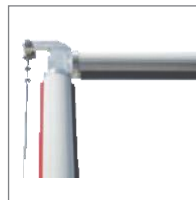
FOUNDATION PLATE  
With tie-rods.

Code 6100294



PHOTOCELL SUPPORT  
KIT

Code 6100295



KIT FOR BEAM  
ARTICULATION  
Length max. 4m.

Code 428444



SKIRT KIT  
In painted aluminium.  
Length 2m.

Code 428441



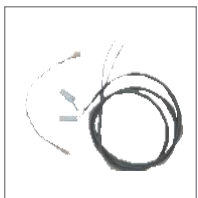
FIXED SUPPORT PLATE  
For fixed support.

Code 737621



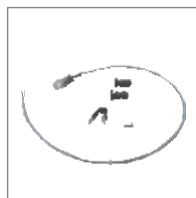
STICKERS KIT  
6 stickers with Genius brand.

Code 6100201



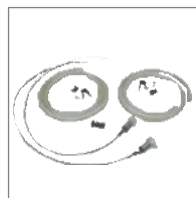
BATTERY CABLE KIT  
Cable to connect buffer batteries.

Code 6100300



BEAM LIGHTS KIT  
Beam lights connection.

Code 390992



BARRIER LIGHTS KIT  
Barrier lights connection.

Code 6100299



LIGHT TUBE  
In pairing with beam lights kit.  
12 meter pack

Code 390993



RADIOFREQUENCY  
MODULE  
RQFZ 3PIN for GENIUS.  
433 MHz

Code 6100346



ADJUSTABLE BEAM  
SUPPORT KIT

Code 428806



Adjustable end foot for  
beam support

Code 428805

16,5 meter pack  
Code 6100297

868 MHz  
Code 6100347

ACCESSORIES FOR RAINBOW



BEAMS FOR RAINBOW FAST 324 C  
profile with section  $\varnothing$  75 mm

| Model     | Length (m) | Passage (m) | Code   |
|-----------|------------|-------------|--------|
| Beam 3 m. | 3.30       | 3.00        | 428042 |



SPRINGS FOR RAINBOW FAST 324 C

| Code    | Description                                |
|---------|--|
| 58F1812 | Spring - Red (L=400mm $\varnothing$ 4.5mm) |



SPRING CONFIGURATION FOR BEAMS - RAINBOW FAST 324 C

| Beam only (m) | Beam with lights (m) | Q.ty Springs $\varnothing$ 4.5mm Red - Code 58F1812 |
|---------------|----------------------|---|
| 2,0 - 2,8     | 2,0 - 2,6            | 1   |
| 2,8 - 3,0     | 2,6 - 3,0            | 2   |

N.B. All the measures refer to passage width (total beam length = passage width +0.30 m)



BEAMS FOR RAINBOW 524 C  
profile with section  $\varnothing$  75 mm

| Model     | Length (m) | Passage (m) | Code   |
|-----------|------------|-------------|--------|
| Beam 3 m. | 3.30       | 3.00        | 428042 |
| Beam 4 m. | 4.30       | 4.00        | 428043 |
| Beam 5 m. | 5.30       | 5.00        | 428044 |



SPRINGS FOR RAINBOW 524 C

| Code    | Description   |
|---------|---|
| 6100290 | Spring Soft - Violet (L=400mm $\varnothing$ 6mm)    |
| 6100291 | Spring Strong - Black (L=400mm $\varnothing$ 6.5mm) |



SPRING CONFIGURATION FOR BEAMS - RAINBOW 524 C - Single beam

| Beam only (m) | Beam with lights (m) | Beam with foot (m)* | Beam with lights and foot (m)* | Beam with skirt (m)** | Beam with lights and skirt (m)** | Q.ty Springs $\varnothing$ 6 mm Code 6100290 | Q.ty Springs $\varnothing$ 6.5 mm Code 6100291 |
|---------------|----------------------|---------------------|--------------------------------|-----------------------|----------------------------------|--|--|
| 3,0 - 3,4     | 3,0 - 3,4            | 3,0 - 3,3           | 3,0 - 3,2                      | 3,0 - 3,3             |                                  | 1  |  |
| 3,4 - 4,3     | 3,4 - 4,2            | 3,3 - 3,7           | 3,2 - 3,6                      | 3,3 - 3,7             | 3,0 - 3,6                        |  | 1  |
| 4,3 - 4,8     | 4,2 - 4,7            | 3,7 - 4,4           | 3,6 - 4,4                      | 3,7 - 4,4             | 3,6 - 4,4                        | 2  |  |
| 4,8 - 5,0     | 4,7 - 5,0            | 4,4 - 5,0           | 4,4 - 5,0                      | 4,4 - 5,0             | 4,4 - 5,0                        |  | 2  |

N.B. All the measures refer to passage width (length of the beam = passage width + 0.30 m).Foot fixed at beam end \*\* Skirt fixed at 0.30 m from beam end (Skirt length max.= passage -1.0 m)



BEAMS FOR RAINBOW 724 C  
profile with elliptical section  $\varnothing$  85/95 mm

| Model       | Length (m) | Passage (m) | Code   |
|-------------|------------|-------------|--------|
| Beam 5 m.   | 5.30       | 5.00        | 428047 |
| Beam 4 m.   | 4,00       | 7,00        | 428048 |
| Beam 3.3 m. | 3,30       |             | 428050 |
| Joint       | -          |             | 428616 |



SPRINGS FOR RAINBOW 724 C

| Code    | Description   |
|---------|---|
| 6100292 | Spring Soft - Violet (L=520mm $\varnothing$ 7.5mm)  |
| 6100293 | Spring Strong - Black (L=520mm $\varnothing$ 8.5mm) |



SPRING CONFIGURATION FOR BEAMS - RAINBOW 724 C - Single beam and/or parts

| Beam only (m)            | Beam with lights (m) | Beam with foot (m)* | Beam with lights and foot (m)* | Beam with skirt (m)** | Beam with lights and skirt (m)** | Q.ty Springs $\varnothing$ 6 mm Code 6100292 | Q.ty Springs $\varnothing$ 6.5 mm Code 6100293 |
|--------------------------|----------------------|---------------------|--------------------------------|-----------------------|----------------------------------|--|--|
| Single beam              |                      |                     |                                |                       |                                  |  |  |
| 4,0 - 4,6                | 4,0 - 4,6            | 4,0 - 4,2           | 4,0 - 4,2                      | 4,0 - 4,2             | 4,0 - 4,2                        | 1  |  |
| 4,6 - 5,0                | 4,6 - 5,0            | 4,2 - 5,0           | 4,2 - 4,8                      | 4,2 - 5,0             | 4,2 - 4,8                        |  | 1  |
|                          |                      |                     | 4,8 - 5,0                      |                       | 4,8 - 5,0                        | 2  |  |
| Beam in parts with joint |                      |                     |                                |                       |                                  |  |  |
| 5,0 - 6,1                | 5,0 - 5,7            | 5,0 - 5,6           | 5,0 - 5,4                      | 5,0 - 5,6             | 5,0 - 5,4                        | 2  |  |
| 6,1 - 7,0                | 5,7 - 7,0            | 5,6 - 6,5           | 5,4 - 6,5                      | 5,6 - 6,5             | 5,4 - 6,5                        |  | 2  |

N.B. All the measures refer to passage width (length of the beam = passage width +0.38 m).Foot fixed at beam end \*\* Skirt fixed at 0.50 m from beam end (Skirt length max. = passage -1 m)