

TOMAR

Instruction Manual



TOMAR  **Spider**
MICROBAR

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Spider Microbar Wiring

Red	+12Vdc
Black	Ground
Orange	Warning Mode 1
Blue	Warning Mode 2
Orange & Blue	Warning Mode 3
Red/White	Alt Mode Circle Fill
Brown/White	Alt Mode Circle Trail
Red/White & Brown/White	All Lamps On
Brown	N/A
Green	Intensity Control

Programming Instructions

Entering Programming Mode:

To activate the Lstick programming mode, connect the BLACK Wire to ground then simultaneously attach the GREEN wire and the RED wire to +12 Vdc.

Changing Warning Patterns and Flash Rates:

Six unique warning patterns can be selected by using different combinations of the ORANGE, BLUE, BROWN/WHITE and RED/WHITE wires. See example below:

ORANGE WIRE	Warning Mode 1
BLUE WIRE	Warning Mode 2
ORANGE and BLUE WIRES	Warning Mode 3
BROWN/WHITE WIRE	Alt Mode 1*
RED/WHITE WIRE	Alt Mode 2*
BROWN/WHITE and RED/WHITE WIRES	Alt Mode 3*

*Alt modes will override warning modes if both are activated simultaneously.

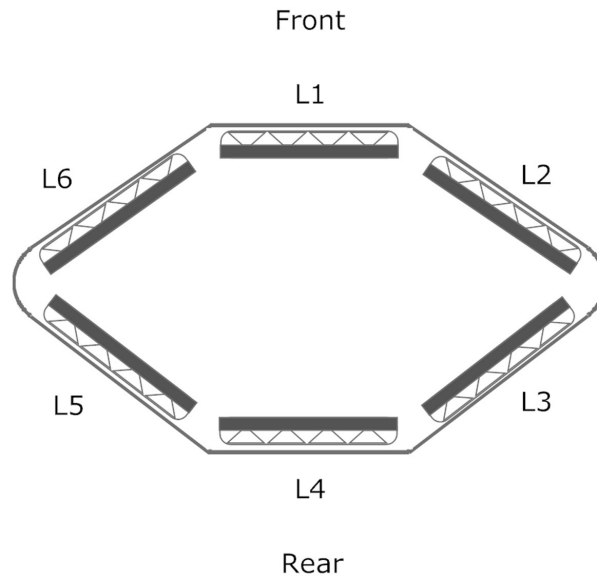
To change the warning mode, attach the wire(s) corresponding to the mode to be changed to +12Vdc.

Tap the Red/WHITE wire to +12Vdc to advance the flash pattern. See the list of available flash patterns below.

A unique flash rate can be assigned to each warning mode. To change the flash rates enter the programming mode as described above. Move the green wire from +12Vdc to Ground. Tap the BROWN/WHITE wire to +12Vdc to advance the flash rate. See the list of available flash rates below.

Changing Alt Mode Flash Rates:

The Alt mode flash patterns are not selectable. To change the flash rates enter the programming mode as described above. Move the green wire from +12Vdc to Ground. Tap the BROWN wire to +12Vdc to advance the flash rate. See the list of available flash rates below.



WARNING MODE PATTERNS:

- | | |
|---------------------|--|
| 1) OFF | All OFF |
| 2) COMBINATION | Pattern 5, Pattern 4, Pattern 6, Pattern 4, Repeat |
| 3) ALL ON | Lamps 1,2,3,4,5,6 simultaneously on |
| 4) FRONT/REAR | Lamps 6,1,2 Alt with Lamps 3,4,5 |
| 5) LEFT/RIGHT | Lamps 5,6,2,3 Alt With 1,4 |
| 6) CORNERS ALT | Lamps 4,5,6 Alternate with 1,2,3 |
| 7) BOTH CORNERS ALT | Lamps 4,5,6 Alternate 1,2,3, then 2,3,4 Alternate with 5,6,1, Repeat |
| 8) CIRCLE (FILL) | Lamps 1 to 2 to 3 to 4 to 5 to 6, repeat (FILL) |
| 9) CIRCLE (TRAIL) | Lamps 1 to 2 to 3 to 4 to 5 to 6, repeat (TRAIL) |
| 10) SKIP | Lamps 6,4,2 Alternate with 1,5,2 |
| 11) SWEEP (TRAIL) | Lamps 1, 1&2,2&3,3&4,4&5,5&6,6,6&5,5&4,4&3,3&2,2&1 repeat (TRAIL) |

ALT MODE PATTERNS:

- | | |
|------------------------------|-----------------------|
| 1) Red/White Wire | Alt Mode Circle Fill |
| 2) Brown/White Wire | Alt Mode Circle Trail |
| 3) Red/Wht & Brown/Wht Wires | All Lamps On |

FLASH RATES:

- 1) SINGLE FLASH
- 2) DOUBLE FLASH
- 3) NEOBE FLASH
- 4) SCROLL FLASH WARNING PATTERNS