

FLAGHOUSE

601 FlagHouse Drive
Hasbrouck Heights, NJ 07604-3116
www.flaghouse.com

INFINITY DISPLAY PANEL (US Item #37697; CN Item #376r97)

DESCRIPTION

There are 64 tri-colored LEDs on an acrylic-backed mirror in this panel. They shine onto a one-way mirror and their light is reflected back to give an impression of infinity. For safety the mirror is covered with a sheet of LEXAN (unbreakable polycarbonate) which will prevent any shards of glass falling out. At the bottom of the panel is a ¼"-jack socket. If a switch terminated in a jack plug is inserted into the socket the display may be remotely controlled.

NOTE: Only switches from ROMPA[®] should be used in conjunction with the infinity display panel. Radios, amplifiers, or other equipment terminated in jack plugs should never be connected. Damage to the electronics of either or both items is likely to follow. Similarly a handheld microphone must not be plugged straight into this product.

CONTENTS

- (1) Infinity display panel
- (1) Control Box
- (1) 'A' switch

NOTE: No fixings are included for wall mounting. Please seek professional advice regarding construction of wall (see below).

TO WALL MOUNT PANEL

IMPORTANT: This panel weighs approximately 46 lbs. Please take this into consideration when fixing. Please make sure that you are aware of the construction of the wall to which the panel is to be affixed and use the appropriate fittings.

1. Attach fixings such as mirror plates to the back of the panel. Fixings are not supplied as these depend on the surface to which the panel will be affixed. Check that the fixings i.e. mirror plates you buy can easily support 46 lbs. You may wish to attach two mirror plates to the back of the panel at the top and two on the back at the bottom.

NOTE: When attaching fixings to the back of the panel please proceed with caution.
PLEASE NOTE:: Electrical assemblies are inside the panel.

TO OPERATE

1. Use the Control Box supplied by connecting it to the top of the panel into the jack socket. Once the desired display has been chosen this may be unplugged from the panel.

2. Plug in and switch it on. The display will light up immediately.
3. Connect the 'A' switch to the jack socket on the lower half of the panel as required.
4. The colored button on the top half front of the panel may be used to stop and start the display in the same way as the 'A' switch may be used.
5. If no button or switch is pressed, the panel goes into standby for approximately 4 minutes and may be re-started by pressing any button/switch. This delay is not adjustable.
6. There are four buttons on the Control Box labeled 1-4. These have the following functions:

Button 1

Mode 0: Pattern is repeated until Button 3 is pressed.

Mode 1: Automatic pattern change. The pattern changes when Button 3 is pressed or after 16 cycles. How quickly 16 cycles are completed depends on the speed chosen with Button 2.

Mode 2: The Infinity Display Panel will light up the next LED with every touch of the round button on the top of the panel (or an external switch connected via jack socket).

Modes 0 and 1 move between effects. Mode 2 remains on the same effect but moves the LEDs along in sequence.

To change between modes:

The panel automatically starts up in Mode 0.

To choose Mode 1, press Button 1.

To choose Mode 2, press Button 1 again.

Button 2

Twelve (12) speed options are available. Each touch of this button will make the LED effects move more quickly. After the twelfth option, the speed options will start again at the slowest option.

Button 3

Choose from 49 LED effects. Each press of this button moves onto the next LED effect. These are:

1. All the LEDs in both circles are illuminated in sequence showing full circles. The display is red, green, and amber together (one of each color LED after the other, clockwise).
2. All the LEDs in both circles are illuminated in sequence showing full circles. The display is red only. Clockwise.
3. All the LEDs in both circles are illuminated in sequence, showing full circles. The display is green only. Clockwise.
4. All the LEDs in both circles are illuminated in sequence showing full circles. The display is amber only. Clockwise.
5. All the LEDs in both circles are illuminated, moving round in sequence. There is one red, one green, then one amber LED-illuminated, and so on. Anti-clockwise.

6. As 2 but anti-clockwise.
7. As 3 but anti-clockwise.
8. As 4 but anti-clockwise.
9. As 1 but anti-clockwise.
10. All the LEDs in both circles are illuminated showing full circles in red, with four LEDs in green. The green LEDs move anti-clockwise.
11. All the LEDs in both circles are illuminated, showing full circles in green, with four LEDs in red. The red LEDs move anti-clockwise.
12. All the LEDs on both circles are illuminated (3 red LEDs, 1 amber, 3 green, 1 amber, 3 red etc.). Anti-clockwise.
13. The effects of 10 but clockwise.
14. The effects of 11 but clockwise.
15. The effects of 12 but clockwise.
16. Only the LEDs in the bottom circle are illuminated. The LEDs are red, with 4 LEDs in green. The display moves in an anti-clockwise direction.
17. Only the LEDs in the bottom circle are illuminated. The LEDs are green, with 4 LEDs in red. The display moves in an anti-clockwise direction.
18. Only the LEDs in the bottom circle are illuminated. The LEDs are amber, with 4 LEDs in green. The display moves in an anti-clockwise direction..
19. Only the LEDs in the bottom circle are illuminated. There are 3 red, 1 amber, 3 green, 1 amber, 3 red LEDs, and so on. The display moves in an anti-clockwise direction.
20. As 16 but the display moves clockwise.
21. As 17 but the display moves clockwise.
22. As 18 but the display moves clockwise.
23. As 19 but the display moves clockwise.
24. Only the LEDs in the upper circle are illuminated. The LEDs are red, with 4 LEDs in green. The display moves in an anti-clockwise direction.
25. Only the LEDs in the upper circle are illuminated. The LEDs are green, with 4 LEDs in red. The display moves in an anti-clockwise direction.
26. Only the LEDs in the upper circle are illuminated. The LEDs are amber, with 4 LEDs in green. The display moves in anti-clockwise direction.
27. Only the LEDs in the upper circle are illuminated. There are 4 red, 4 green, 4 red, 4 green LEDs and so on, moving in an anti-clockwise direction.
28. As 24 but the display moves clockwise.
29. As 25 but the display moves clockwise.
30. As 26 but the display moves clockwise.
31. Only the LEDs in the upper circle are illuminated—4 red LEDs then 4 green, then 4 red etc., moving clockwise.
32. The LEDs outlining the joined circles are illuminated. The overlap of the circles is not illuminated. Six sets of four LED chase the previous six sets of four LEDs in a clockwise direction. The display is red only.
33. As 32 but in green only.
34. As 32 but in amber only.
35. As 32 but the LEDs are green and red alternately.
36. As 33 but in an anti-clockwise direction.

37. As 34 but in an anti-clockwise direction.
38. As 35 but in an anti-clockwise direction.
39. One red LED moves around the outline of both circles.
40. As 39 but green.
41. As 39 but amber.
42. Starting in the bottom circle, the number of illuminated LEDs increases by one. Once the full figure of eight is illuminated, the number of LEDs decreases by one. The display is red.
43. As 42 but the display is green.
44. Starting where the two circles join, the number of illuminated LEDs increases, two at a time to illuminate the outline of the joined circles. The display is red.
45. As 44 but the display is green.
46. LEDs on both full circles are illuminated, 'chasing' in sets of three with every fourth extinguished. The display is red and moves in an anti-clockwise direction.
47. As 46 but the display is green.
48. As 46 but the display is amber
49. As 46 but the LEDs are red, green, and amber in sets of three with the fourth LED extinguished. Anti-clockwise.

In Mode 2, press the round button at the top of the panel to stop and start one of the 49 LED effects. Alternatively connect a switch via the jack socket in the bottom of the panel. Activate the switch to stop and start the chosen LED effect.

Button 4

This button works in the same way as the button on the front of the panel and in the same way as an external switch connected to the jack socket.

In Mode 0 and 1, a press of the button will stop the pattern; a second press will restart it. In Mode 2, each press of the button will select the subsequent effect.

SAFETY

Always supervise this product's use.

For indoor use only.

In the unlikely event of product failure this panel will automatically shut down. Please seek advice. Only a qualified person should attempt repair.

CARE & MAINTENANCE

Since this product uses LEDs not lamps and LEDs last several thousand hours, it is extremely unlikely that the LEDs will need replacing.

TROUBLESHOOTING

In the unlikely event of product failure, please check the following:

- Has the product been plugged in and switched on at the wall?
- Check the fuse in plug.
- If the front cover has been removed, it is possible that removal has dislodged the small black box that is connected to both the jack socket (visible from the front) and the back of the front cover. Attached to this small black box is a plug from the transformer. This plugs into the small black box. Make sure this has not become detached. Check that all connections are properly connected.

SPECIFICATION

Power Supply: 230V 50 Hz (100/120V for US) 60 Hz

Output: 9V DC 2/4A

5A fuse in mains plug (UK)

LEDs: 64 x Tri-color, high brightness (-90mcd) 0.4" diameter, 50-degree viewing angle

CONTROL BOX

Red button=Mode

Bottom yellow button=Effect change

Top yellow=Speed

Grey=Same as round button on top

DISCLAIMER: THIS PRODUCT MUST ALWAYS BE USED UNDER THE DIRECT SUPERVISION OF A CAREGIVER.

To ensure safety, this product must be assembled, installed, and used in strict conformity with the instructions and specifications provided. All warranties of any kind, including, but not limited to, warranties of merchantability or fitness for a particular purpose, are expressly disclaimed and no warranty of any kind is implied or expressly made. FlagHouse shall not be liable for any direct, indirect, special, incidental, or consequential damages arising or resulting from the sale, use, replacement, or repair of this product.

Please direct your questions or concerns regarding this product to the appropriate office listed below:

In the US

FlagHouse, 601 FlagHouse Drive, Hasbrouck Heights, NJ 07604-3116

Phone 800-793-7900

Fax 800-793-7922

Email: info@flaghouse.com

In Canada

FlagHouse Canada, 235 Yorkland Blvd., Suite 105, North York, Ontario M2J 4Y8

Phone 800-265-6900

Fax 800-265-6922

Email: flaghousecanada@flaghouse.com

International Customers

FlagHouse, 601 FlagHouse Drive, Hasbrouck Heights, NJ 07604-3116

Phone 201-288-7600

Fax 201-288-7887

8 AM-6 PM Eastern Time