



ENGLISH



LONG DISTANCE BEAMER

FEATURES

- Program all functions on your **JS2** Kosmos products.
- High power JS2 transmitter, up to 15m range.
- Works with 2 alkaline batteries, size AA or LR6.
- Glow in the dark keyboard.
- Customizable shortcut keys.
- Built in magnet for **Magnetic Programming** functions.

BOX CONTENTS

- 1 JS2 long distance beamer
- 1 User manual
- 1 Carrying case

OFF: turn off.
 SND: send last command.
 1 to 10: shortcut to programs (customizable).
 PROG ▲▼ : change program.
 COL1 ▲▼ : change colour 1.
 COL2 ▲▼ : change colour 2.
 DEMO ON: set DEMO function.
 DEMO OFF: reset DEMO function.
 MEM1: next program will be stored in memory 1 (default).
 MEM2: next program will be stored in memory 2.
 TOUCH: send Touch Sensor event (in programs that use this feature).

SHORTCUTS

The shortcut keys allow the use of defined programs together with their custom colours in only one key.

The beamer comes with ten (10) factory defined programs. However, it is possible to change them and customize all properties:

- Select the desired program and colour using PROG, COL1 and COL2. The DEMO and MEM1/2 functions can not be stored on the shortcuts.

- Keep pressed the shortcut key for at least 4 seconds to store current settings. The monitoring light will flash once. To store in shortcuts 6 to 10 you must use SHIFT function.

USER MANUAL

Thank you for buying a Kosmos Malabares product. This long distance beamer allows easy access to all JS2 functions.

This is not a conventional remote controller. The built in JS2 module can synchronize several JS2 compatible products with each other, even if they are programmed at different times. The maximum range of the control signal is 15 meters with new batteries. The range can be reduced in environments with bright lighting or using rechargeable batteries.

BATTERY INSTALLATION

Remove the screw on the lower end and open the box. Install two (2) AA alkaline (1.5V) batteries in the battery holder as shown in the picture. Please pay attention to polarity. Do not use batteries other than specified as it can cause damage not covered by warranty.

The lower compartment can be used to store spare batteries. Close the box and secure it with the provided screw. Do not tighten the screw too hard to avoid breaking the plastic.

BEAMER OVERVIEW

This manual refers to **Dual Program, Magnetic Programming**

- Press shortly the desired shortcut to recall the stored program. Shortcuts 6 to 10 require SHIFT. The programmed settings keep stored even after battery remove. If you want to recall the factory default programs follow the procedure below (keep in mind that all customized programs will be replaced by the default ones): keep pressed simultaneously the keys ON and COL2 ▼ for at least 4 seconds. The monitoring light will flash once indicating that the beamer has been restored to its factory settings.

ADVANCED FUNCTIONS

MEM1/2
All transmitted commands are not only shown on the product but also stored in product memory 1 or 2 (Dual Program). This function allows to recall the program later by the use of the magnet (Magnetic Programming). The default memory is MEM1.

To change the memory, press the MEM1 or MEM2 keys before transmitting the desired function. The selected memory bank will remain active when changing PROG, COL1, COL2 or until 20 minutes after any key is pressed.

DEMO
Enable or disable the DEMO function in the products by pressing DEMO ON/OFF (shift function). The DEMO function is stored in the JS2 product in the previously selected

and program listings, all specific features of JS2 products. For a better understanding of what is described below you should read the manual of your JS2 product.

Prior to using the programmer set to "slave" mode all JS2 products you want to control.

To improve the glow in the dark feature of the keyboard close the beamer to a bright light for a short while. Note that the phosphorescent pigment can be damaged if exposed to the sun for a long time. Use the provided case to protect it.

Press the key of the desired function while aiming the beamer to the products. The transmitted beam has an angle of 30°. The signal is transmitted for 2 seconds. The monitoring light will flash. Slow blinking of the monitoring light indicates low battery.

SECONDARY FUNCTION (SHIFT):
Some keys have a primary and a secondary function. The secondary function is identified by the color of the SHIFT command. To use the secondary function press the SHIFT key (the light indicates the function is active) and then press the desired key. Pressing SHIFT again will reset the secondary function. The SHIFT function will be disabled if it is not used within 90 seconds.

TURNING ON / OFF:
Press the ON key to turn on the product. This will be turned in the last program used in the beamer. Press the OFF key (SHIFT) to turn off the product.

memory bank (MEM1 or MEM2). DEMO function will deactivate automatically in the beamer if no key is pressed for at least 20 minutes.

TOUCH
The TOUCH command transmits an event equivalent to a product touch. This function will work on Touch Sensor featured programs only (see list of product programs).

USING THE MAGNET

The beamer has a magnet on the bottom that allows to program the Magnetic Programming products in the traditional way.

Mind the magnet when storing or transporting the beamer. Try to keep it away from elements susceptible to magnetic fields as this may damage them.

WARRANTY

The beamer has a 12 month warranty valid from purchase date and covers material or manufacturing defects.

Keep the warranty card, it will be required to validate the warranty.

The warranty does not cover:
- Damages due to bumps, falls or bad use.

CHANGING PROGRAM AND COLOUR:
To change the current program use PROG key. COL1 and COL2 personalize the colors in each program (see the program list of your JS2 your product).

The transmitted program will be shown and stored in the selected memory (see MEM1/2). Use the SND key to transmit the same signal to more products without modifying programs or colours.

IMPORTANT: Those programs that use the **Touch Sensor function** may lose sync when receiving different amount of hits.

SEND FUNCTION:
Use the SND key to program products which are far apart or outside the signal beam. This function transmits the last command as many times as the key is pressed.

All programmed products will be synchronized with each other even if they were programmed at different times. The JS2 module will stop this feature if no key is pressed for 20 minutes. In that case, following products will be synchronized between them but not with the first ones.

KEYBOARD FUNCTION SUMMARY

SHIFT: set/reset secondary function.
ON: turn on (in the last used program).

- Utilization of solvents, strong heat sources, any internal part modification, presence of water inside.
- Use of batteries other than specified or improperly installed.

FIRMWARE VERSIONS

Firmware is the internal JS2 program installed into the beamer. We are constantly improving or adding more features to our products. Because of this, some features of the beamer newer than the firmware of your JS2 products may not work in your product. In this case just do not use those functions or programs. Anyway, the attempt to use them will not cause any trouble on your product.

If the programmer stops working, try beamer reset: remove the batteries and press ON key for 4 seconds. Install the batteries again.