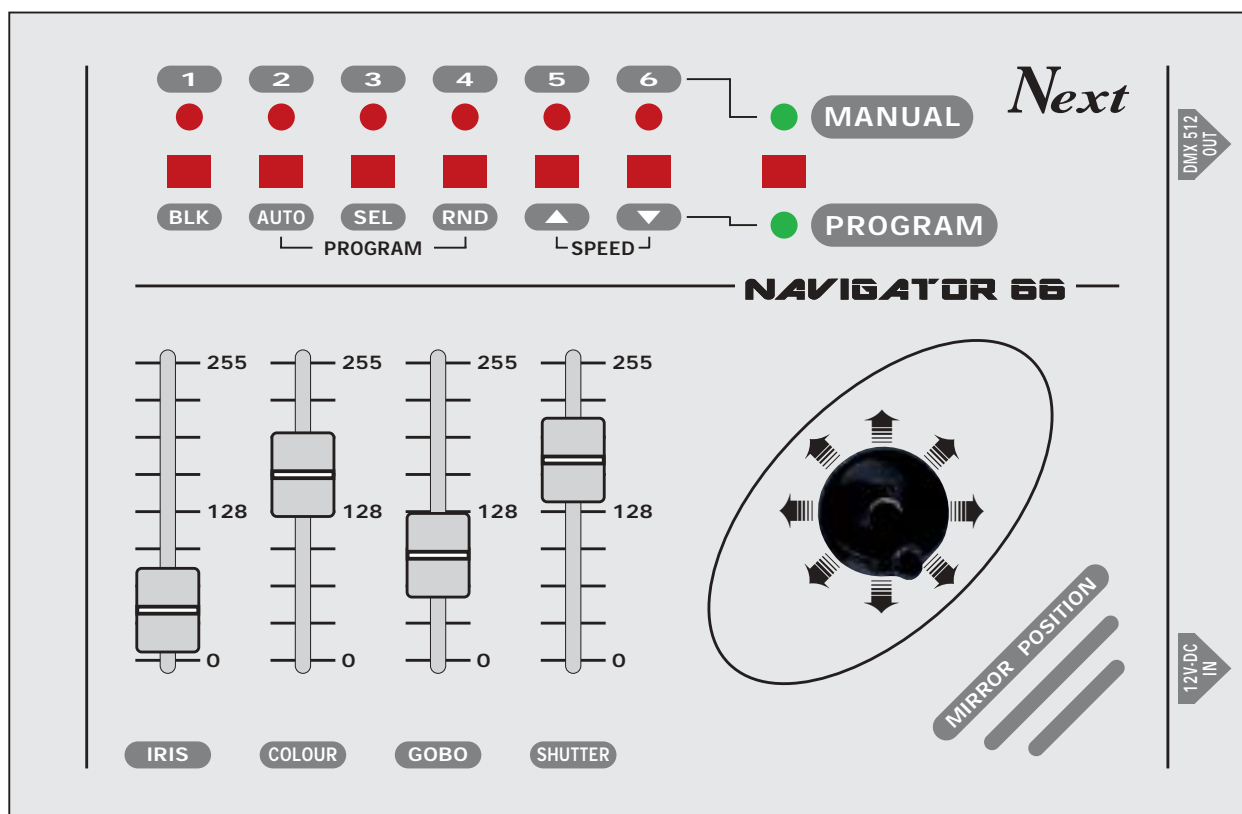


# Next



## NAVIGATOR 66



**GB** USER'S MANUAL

## INDEX

*We congratulate you on your purchase this product.  
Before proceeding of the use of this product it should be necessary to read carefully the following user's manual to install it correctly and to make the most of its potentialities.*

### *Sets of the equipment*

- 1.1 Unpacking of the equipment
- 1.2 Accessories issued with the equipment and relative documentation

### *Description of the side panel and installation*

- 2.1 Description of the side panel
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- 2.3 Connection of the ballast to the electric system
- 2.4 DMX 512 output connection

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- 3.2 *PROGRAM/BLK* function
- 3.3 *PROGRAM/SPEED ▲* function
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- 3.5 *PROGRAM/AUTO* function
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- 3.7 *PROGRAM/RND* function

### *Use of the equipment - MANUAL mode*

- 4.1 Activation of *MANUAL* mode
- 4.2 Selection of scanners in *MANUAL* mode

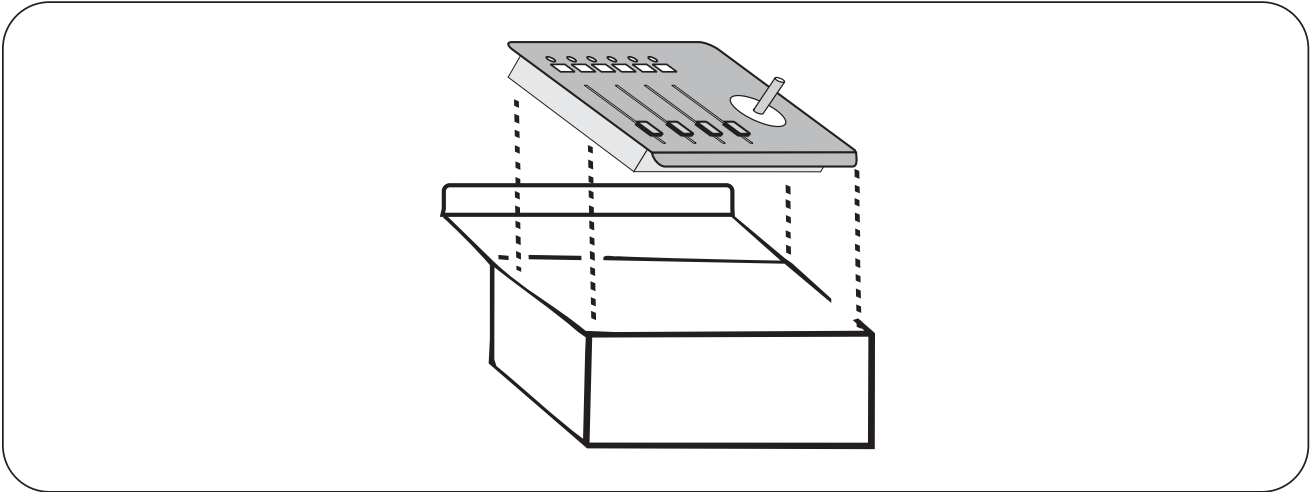
### *Use of the equipment - MANUAL + PROGRAM mode*

- 5.1 Activation of *MANUAL + PROGRAM* mode

## 1.1 UNPACKING OF THE EQUIPMENT

Open the box; take the ballast and the documentation out.

Take the equipment out of the box as shown in the picture below.



## 1.2 ACCESSORIES ISSUED WITH THE EQUIPMENT AND RELATIVE DOCUMENTATION

Verify the contents of the packing.

If one of the following parts of the packing is missing or damaged, please, contact your dealer immediately.

A) User's manual

B) AN-66 Ballast

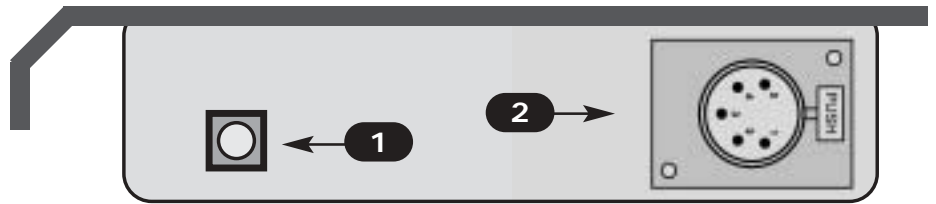
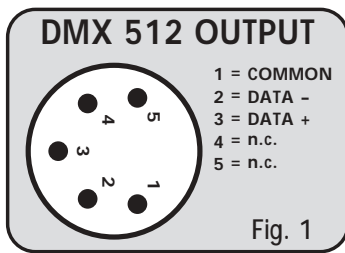
A



B



## 2.1 DESCRIPTION OF THE SIDE PANEL



## 2.2 INPUT CONNECTION FOR POWER SUPPLY

Plug the connector of the ballast completely in the power input **1**  
To disconnect it, extract gently.

**ATTENTION: do not use ballast different from the one supplied, it could cause serious damages at the internal circuitation.**

## 2.3 CONNECTION OF THE BALLAST TO THE ELECTRIC SYSTEM

**MAKE SURE THAT VOLTAGE AND POWER FREQUENCY CORRESPOND TO WHAT IS REPORTED ON THE BALLAST PLATE.**

The supplied ballast has a plug, therefore you should only plug it in the socket.

Just inserted the plug in the socket and the connector to the power input, the **BLK function (par. 3.2)** is automatically activated and the led on the **1/BLK key** is **blinking**. If this condition is not true, please check if there is tension in the electric socket or check the connection between ballast-controller and ballast-electric socket.

If the problem persist, please consult your dealer.

## 2.4 DMX 512 OUTPUT CONNECTION

Make sure you are using a shielded twisted cables suitable for the transmission of the DMX 512 signal with connectors of good quality and connection as shown on fig. 1.

Plug the 5-pin cannon connector coming from the projectors completely in the DMX 512 output **2**

To disconnect it use the "push" safety hook and than extract it gently.

**ATTENTION: the shielded part of the cable must never be connected to the ground of the electrical system as this could cause faults during the working of the controller.**

The "start" channel of the controller is channel n°1, for other DMX address you can follow the tabel below.

SCANNER N° 1	DMX address: 1
SCANNER N° 2	DMX address: 7
SCANNER N° 3	DMX address: 13

SCANNER N° 4	DMX address: 19
SCANNER N° 5	DMX address: 25
SCANNER N° 6	DMX address: 31

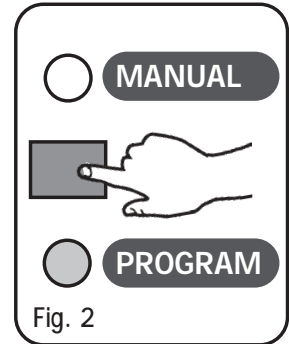
### 3.1 Activation of PROGRAM mode

This function allows to activate the programs stored in internal memory.

Pressing MANUAL/PROGRAM key (Fig.2) the **PROGRAM** mode is activated.

The **PROGRAM** led on the key will light up to indicate the activation of this function (Fig.2).

Only in PROGRAM mode by the 1/6 keys you can activate **BLK** - **AUTO** - **SEL** - **RND** - **SPEED ▲** - **SPEED ▼** functions.



### 3.2 PROGRAM / BLK function

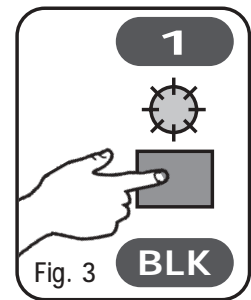
This function performs a **BLACKOUT** on all the scanners

Pressing **BLK** key the **BLK** function is activated (Fig. 3).

The led on the key will start blinking to indicate the activation of this function (Fig.3).

This function activate **STAND-BY mode**, all the scanners performs a **BLACKOUT** and all the functions will be disabled, the unit is like turned off.

To "turn on" the unit simply press **BLK** key again.

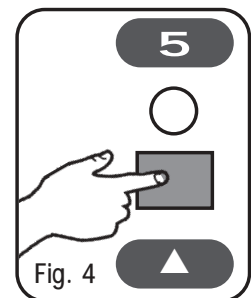


### 3.3 SPEED ▲ function (speed increase)

This function allows to increase the speed of mirror's movement

Pressing ▲ key to activate **SPEED ▲** function (Fig.4).

When the maximum speed is reached the **PROGRAM** led will start blinking (Fig.4b).

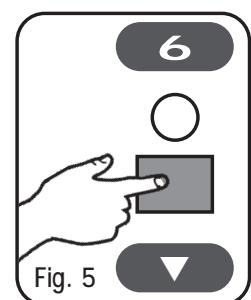


### 3.4 SPEED ▼ function (speed decrease)

This function allows to decrease the speed of mirror's movement

Pressing ▼ key to activate **SPEED ▼** function (Fig.5).

When the minimum speed is reached the **PROGRAM** led will start blinking (Fig.5b).



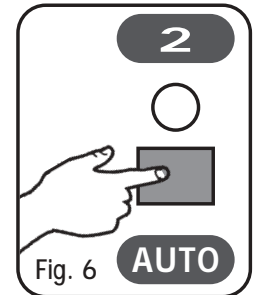
### 3.5 PROGRAM / AUTO function

This function allows to activate AUTOMATIC SELECTION of all the 6 programs, repeating 4 times each one.

Pressing **AUTO** key the **PROGRAM / AUTO** function is activated (Fig.6).

The red leds on the 1/6 keys will light up sequentially to indicate the activation of this function.

To deactivate automatic selection you must activate another type of programs selection (SEL or RND).



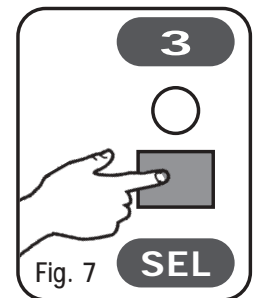
### 3.6 PROGRAM / SEL function

This function allows to activate MANUAL SELECTION of one of the 6 programs.

Pressing one or more times **SEL** key you can select one of the 6 programs (Fig.7).

The selected program is indicated by lighting up of the 1/6 led.

The selected program will be executed until you activate another type of programs selection (AUTO, SEL or RND).



### 3.7 PROGRAM / RND mode

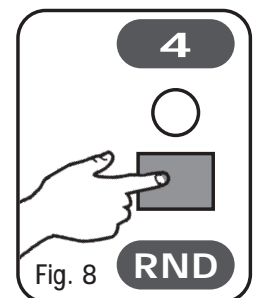
This function allows to activate RANDOM SELECTION of scenes.

Pressing **RND** key the **PROGRAM / RND** function is activated (Fig.8).

The red leds on the 1/6 keys will light up in random sequence to indicate the activation of this function.

With random selection all the scenes will be executed in random order, creating always different sequence.

To deactivate random selection you must activate another type of programs selection (AUTO or SEL).

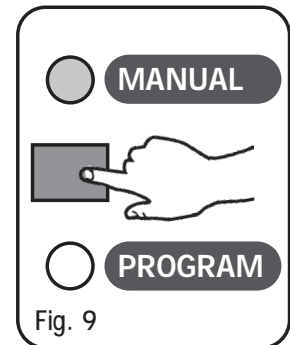


#### 4.1 Activation of MANUAL mode

This function allows to activate manually one or more scanners

Pressing **MANUAL/PROGRAM** key (Fig.9) the **MANUAL** mode is activated.

The **MANUAL** led on the key will light up to indicate the activation of this function (Fig.9).



#### 4.2 Selection of scanners in MANUAL mode

Press 1/6 keys to activate/deactivate the scanners manually controlled. All manually controlled scanners have a lighted up led.

To deactivate manual operation of a scanner, simply press again 1/6 key.

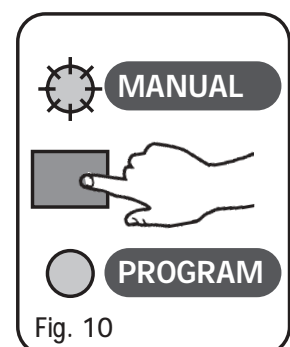
Use joystick to modify mirror position of the selected scanners, use the 4 sliders to control the 1/4 channels.

#### 5.1 Activation of MANUAL + PROGRAM mode

This function allows to activate manually one or more scanners while the other go on performing the PROGRAM function.

**MANUAL+PROGRAM** mode is automatically activated when in **MANUAL** mode at least one scanner is selected, and we activate **PROGRAM** mode pressing **MANUAL/PROGRAM** key (Fig.10).

Activation of **MANUAL+PROGRAM** mode is indicated by light up of **PROGRAM** led and by blinking of **MANUAL** led (Fig.10).



Now is activated **PROGRAM** mode but the previously selected scanner in **MANUAL** mode will continue to be controlled manually.

To deactivate manual control of these scanners, you must return to **MANUAL** mode pressing **MANUAL/PROGRAM** key, deactivate the selected scanners and return again to **PROGRAM** mode pressing again **MANUAL/PROGRAM** key.

## TECHNICAL FEATURES

### *Technical features:*

Number of scanners controlled separately: **6**  
Number of channels for each scanner: **6 (4 ch. + X + Y)**  
Number of stored programs: **6**  
Number of scenes for each program: **12**  
Total number of scenes: **72 (6 programs x 12 scenes)**  
Kind of output signal: **DMX512/ 1990**  
Output connector: **5-pin cannon connector**  
Max number of scanners connected to the DMX output: **32**  
Number of DMX channels: **36 (6 ch. x 6 scanners)**

### *Climatic condition for the use*

Humidity: **35% ÷ 80%**  
Temperature: **5 ÷ 50 °C**

### *Power supply*

Voltage/current: **12 Vdc / 240 mA**

### *Dimensions and weight*

Dimension (W x L x H) / Weight: **230 x 165 x 65 mm / 1,5 Kg.**

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