

KARMA®
KARMA TM SW78
Multi Effect Moving
Head



KARMA TM SW78 Multi Effect Moving Head Instruction Manual

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KARMA®




KARMA TM SW78 Multi Effect Moving Head



OTHER LANGUAGES



PACKAGING CONTENT

		
EFFETTO LUCE Light effect	CAVO ALIMENT. Power cable	MANUALE Manual

When you open the package check that the product is in good condition and that all the parts are present, immediately notify the seller if any part is damaged or missing.

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- By purchasing your new product you have just started an extraordinary journey across the world of KARMA products.

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- **INSTAGRAM:**

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- **YOUTUBE:**

<https://www.youtube.com/@karma.italiana>.

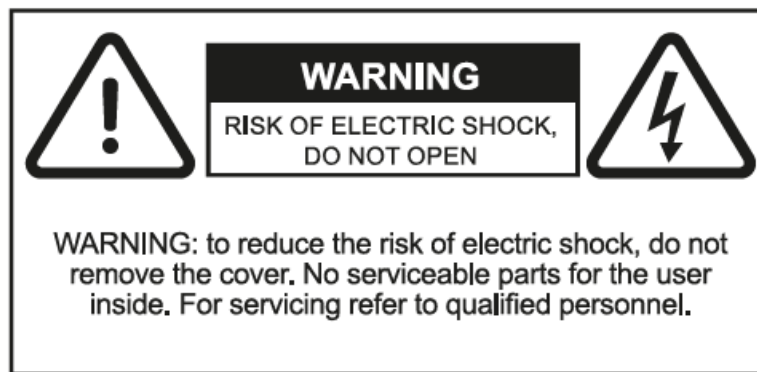
THANK YOU FOR YOUR PURCHASE





- The product you have purchased is the result of careful planning by specialized engineers. High-quality materials were used for its construction, to ensure its functioning over time.
- The product is manufactured in compliance with the strict regulations imposed by the European Union, a guarantee of reliability and safety.
- Please read this manual carefully before starting using the device to take advantage of its full potential.
- Hoping that you will be satisfied with your purchase, we thank you again for your trust in our brand and we invite you to visit our website www.karmaitaliana.it where you will find the whole range of our products, along with useful information and updates.

SAFETY CAUTIONS AND WARNINGS

- Read and follow the instructions contained in this manual strictly.
- Keep this manual for future reference and include it if you give the product to another user.
- This device works with dangerous 11 D-230V mains power. Do not open, do not disassemble, and don't try to operate inside it. In case of wrong use, an electric shock may occur.
- The installation of the product must be carried out exclusively by specialized technicians.
- In case of wrong installation or connections, the manufacturer doesn't take any responsibility for damages to people or objects.
- Make sure that your power outlet voltage matches the voltage set on the product.
- A wrong voltage would seriously damage the fixture.
- To avoid the risk of dangerous electric shocks, before turning on the product always check that it is connected to a circuit with suitable earth ground. Never cut internal or external ground wires.
- Before making any connection with other devices, check that all the fixtures are disconnected from the power source.
- If you need to suspend the product use only the original bracket. Make sure that the structure where it is mounted can support its weight and fasten it firmly, using also a safety cable.
- The product is not suitable for outdoor use. To avoid the risk of shortcircuits don't expose it to high temperatures [above 40°), rain, or humidity.
- Do not allow flammable liquid, water, or metal objects to enter the product.
- Don't touch the product with wet hands.
- Do not place any recipients filled with liquids, such as vases, on top of or directly next to the appliance.
- Install the product in a stable and ventilated position, far from heat sources, and don't obstruct the air vents and the cooling fan.

- Use the fixture and its controls with due accuracy, avoiding falls, vibrations, or impacts.
- If the product doesn't turn on, check the fuse and if necessary replace it with one of the same type and rating, after disconnecting the fixture from power.
- In the event of a serious operating problem, stop using the product immediately. Never try to repair it by yourself, but contact the authorized technical service center. Repairs carried out by unskilled persons could lead to serious damage both to the fixture and to people.
- Never address the light beam directly towards people's eyes.
- Do not turn the product on and off at short intervals, it may reduce the life of the device.
- Disconnect the unit from power when it is not used.
- Never disconnect the product from the power source by pulling on the cord. Do not cut, kink, or otherwise damage nor modify the power supply cord, and periodically check that it is in good condition.
- Wait for the product to cool before cleaning or maintenance.
- To clean the product, use only a dry or slightly damp cloth, avoiding solvents or detergents of any kind.
- If the product is used in the presence of children they must be supervised.



-  This symbol alerts you of the presence of important operating and maintenance instructions, in the manual or the documentation accompanying the product
-  This symbol indicates a risk of electric shock in case of wrong use or alteration of the product.
-  The CE mark indicates that this product complies with the applicable European directives and their related standards. Compliance documentation in complete form is available at the company Karma Italiana Sri
-  Directive 2012/19/UE regarding electric and electronic equipment waste [WEEE].
- The symbol of the crossed-out dustbin indicates that the product at the end of its life must be collected separately from other waste. The user must, therefore, confer the fixture complete with all the essential components to an authorized disposal center for collection of electronic and electrical waste, or return it to the dealer when buying new equipment of equivalent type, at a rate of one-to-one, or one-to-zero if external dimension is less than 25cm.
- Appropriate separate collection to send the decommissioned equipment to recycling, treatment, and environmentally compatible disposal helps to prevent negative impacts on the environment and human health and promotes recycling of the materials making up the product. In Italy, illegal dumping of the product by the user entails the application of administrative sanctions according to Legislative Decree n. 49 (14/03/2014).

WARRANTY CONDITIONS

The product is covered by warranty according to current national and European regulations. For detailed warranty conditions and RMA requests please refer to our website: www.karmaitaliana.it.

- The warranty covers manufacturing defects and faults that occurred in the first 2 years from the date of purchase. In case of purchase with invoice, the warranty is limited to 1 year.
- Damages caused by negligence or wrong use of the device are not covered by warranty.
- The warranty is no longer effective if the item is modified or disassembled by unauthorized people.
- This warranty doesn't necessarily envisage the product's replacement.
- External components, batteries, knobs, switches, and any removable or subject-to-wear-and-tear parts are excluded from the warranty.
- Shipment for the return of faulty items is at the expense and risk of the owner.
- The warranty is effective only upon the exhibition of the invoice or of the purchase receipt.
- If you send the product for repair, it must be shipped with complete original packaging: we therefore recommend saving it.

We also suggest to register your product on our website www.karmaitaliana.it, after signing in to access the reserved area. In this way, you will have the possibility to keep track of the warranty validity and to receive updates on our items.

Overview

FRONT



BACK



The product you have purchased includes a spot effect (1) and a wash effect (3) capable of producing a myriad of colorful rays, which will stand out if the fixture is used in combination with a smoke machine.

POSITIONING

- This light effect can be placed on a surface or hung on stands by means of the included bracket, which can be fixed on the bottom of the fixture, allowing you to mount it upside down.
- On the back, it features a cooling fan (8). Take care that it is not covered or obstructed and keep it clean, removing dust, so that it can work properly.

OPERATION

- To turn on the fixture connect the cable to the back socket (6) and then insert the plug into an electrical power outlet.
- If the fixture doesn't turn on, disconnect the power cable, extract the fuse (7), and check if it is good. If it is blown replace it with one of the same rating. If the spot effect is out of focus you can adjust it by rotating the plastic ring (1) until you obtain perfect focus.
- The light effect can operate in auto mode. sound-activated mode [thanks to the built-in microphone], or connected to a professional OMX 512 system. If you mean to connect it to an OMX system with an external

controller, you have to connect the input XLR cable to the OMX IN (4) socket and the output XLR cable to the OMX OUT socket [5] this way the OMX signal will be transmitted from a fixture to another. On the next page, you will find some basic instructions on OMX operating mode.

- If no controller is connected, it is possible to arrange a cascade connection of several fixtures, so that they perform the same effect. The first unit will operate as a master and the others will be slaves (on the units you have to set the address d001).

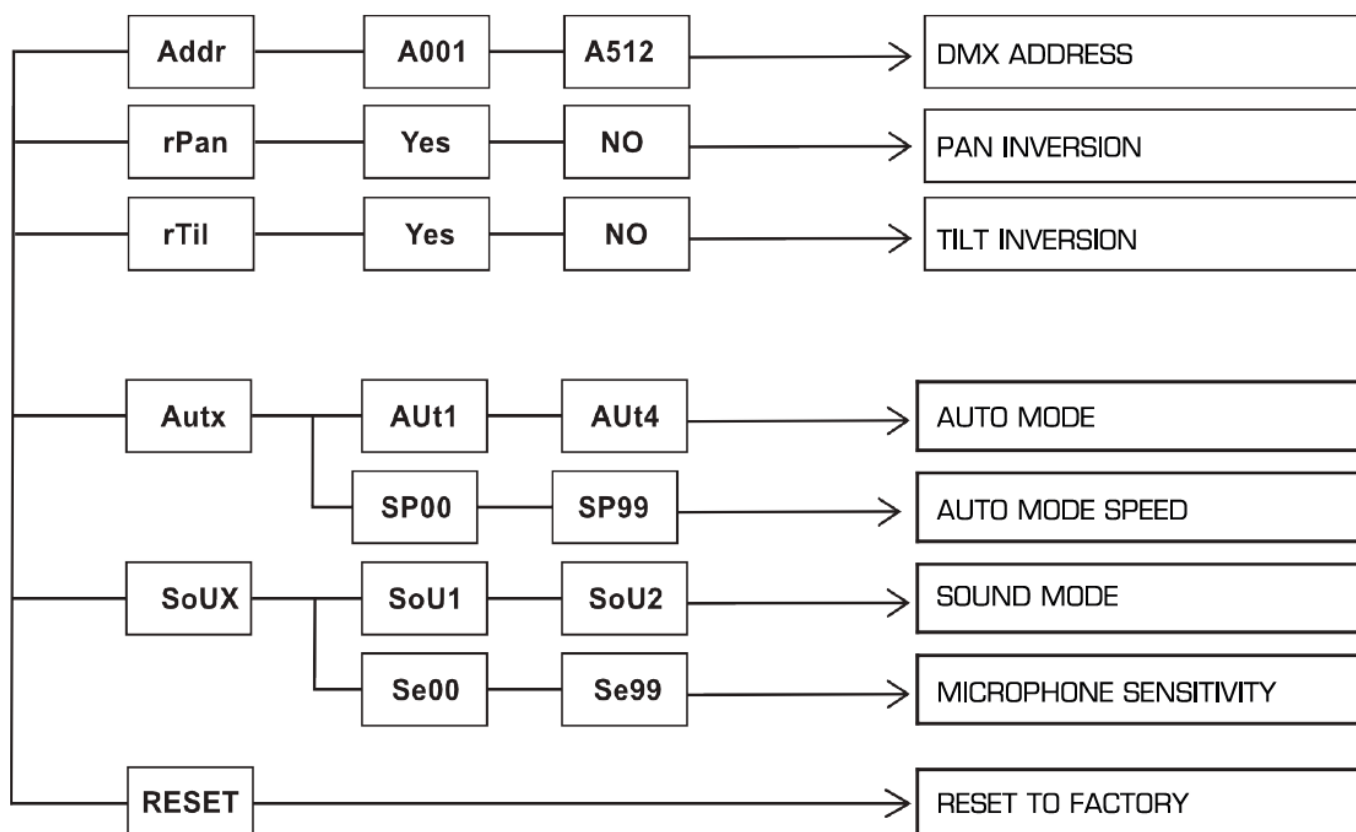
DISPLAY CONTROLS

Under the display (3) 4 buttons allow you to select an option from the menu, change its value, and confirm the choice.

The 4 buttons are:

- **Menu:** It lists the menu main options.
- **UP:** To skip to the next option or value
- **DOWN:** To skip to the previous option or value ENTER: To confirm your choice

The below diagram indicates the menu options and the corresponding functions.



INTRODUCTION TO OMX CONNECTIONS

In an OMX 512 connection, there are 512 available channels. Each OMX fixture uses one or more channels to manage its functions. The user must assign a starting address to each OMX fixture connected to the system. This address will indicate the first channel used by the controller. You have to plan the starting address choice to avoid the channels' overlapping. Otherwise, the fixture wouldn't work correctly.

Example:

If you need to connect 3 OMX fixtures, each with 1 D channel, the first unit is to be set on address 1, the second unit on address 11, and the third one on address 21. Anyway, you can set the same starting address on more devices if you wish them to operate in synchrony. OMX devices are conceived to receive data through a serial Daisy Chain connection. With this kind of connection, the data output of a fixture is connected to the data input of the following one. The connection order of the devices is not important and it doesn't affect how the controller interacts with each of them. We suggest putting them in the easiest and most direct sequence for cable connection. The signal cable length should not be more than 1 DD m to avoid interferences with other signals or electric devices. To set the address you want to assign to the fixture [from 001 to 512), press the MENU [AI key until the display shows the symbol "d". Then, employing the UP and DOWN keys, set the address and confirm with ENTER.

- To operate correctly with OMX systems it is necessary to know the number of channels available on each connected fixture and the function of these channels.
- This fixture operates with 12 channels.
- The below chart shows the functions related to each channel in OMX mode.
- Before using the fixture it would be advisable to take a specific course on OMX systems for a full understanding of its potential and functions.

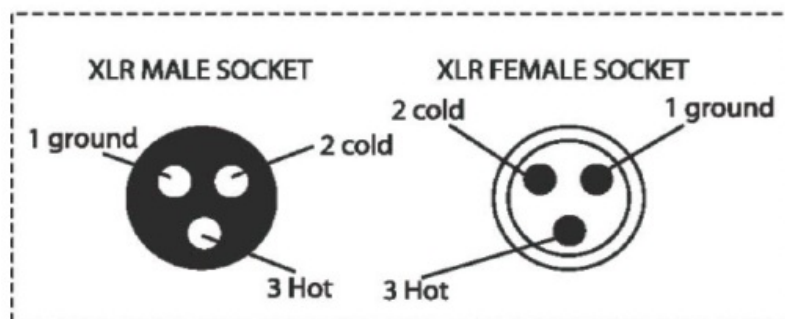
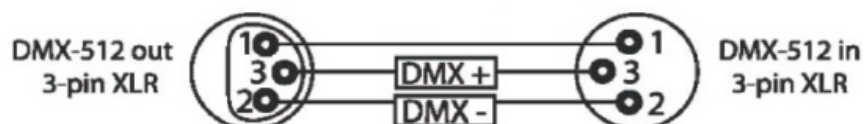
CH1	Pan	000-255	0°-540°
CH2	Tilt	000-255	0°-270°
CH3	Speed	000-255	Fast to Slow
CH4	RGBW dimmer	000-255	0-100%
CH5	White dimmer	000-255	0-100%
CH6	White strobe	000-000	no strobe
		001-255	slow to fast
CH7	Color	000-255	color
CH8	Gobo	000-255	0-100%
CH9	Red	000-255	0-100%
CH10	Green	000-255	0-100%
CH11	Blue	000-255	0-100%
CH12	White	000-255	0-100%
CH13	Washstrobe	000-000	no strobe
		001-255	slow to fast
CH14	Special	000-199	000-199 No Function
		200-209	200-209 Reset
		210-239	210-239 No Function
		240-255	240-255 Sound Activation

Color	000-015	White
	016-023	Color1
	024-031	Color2
	032-039	Color3
	040-047	Color4
	048-055	Color5
	056-063	Color6
	064-071	Color7
	072-079	Color8
	080-087	Color9
	088-095	Color10
	096-103	Color11
	104-111	Color12
	112-119	Color13
	120-127	Color14
	128-189	Forward rotation slow to fast
	190-193	Stop
	194-255	Reverse rotation slow to fast

Gobo	000-015	White
	016-031	Gobo1
	032-047	Gobo2
	048-063	Gobo3
	064-079	Gobo4
	080-095	Gobo5
	096-111	Gobo6
	112-127	Gobo7
	128-189	Forward rotation slow to fast
	190-193	stop
	194-255	Reverse rotation slow to fast

DMX CONNECTORS

When buying or creating DMX cables it is necessary to know exactly how the XLR-type 3-pin connectors are to be connected. Please refer to the diagram on the side.



XLR Pin Configuration
Pin 1 = Ground
Pin 2 = Negative
Pin 3 = Positive

TECHNICAL SPECIFICATIONS

- Spot effect 1 x 30W (white)
- Wash effect 6 x SW RGBW [4in1]
- PAN 540°
- TILT 270°
- Color wheel 6 colors + open
- Gobo wheel 7 kinds of gobos + open
- Dimmer function 0-100%
- Strobe function Yes [with 6 wash leds]
- Connectors XLR 3-pin
- Operating modes Auto/Sound/DMX/Master-slave
- Color Black

- Display Yes
- Max absorption 100W
- Power supply 110/240V ~; 50-60Hz
- Dimensions 155 x 260 x 145 mm
- Weight 2,16 Kg

The manufacturer, in order to improve its products, reserves the right to modify their characteristics whether technical or aesthetic, at any time and without notice.


Produced by:

KARMA ITALIANA SRL

- Via Gozzano 38 bis 21052, Busto Arsizio (VA) – Italy.
- www.karmaitaliana.it.

Made in China.

Documents / Resources

	<p>KARMA TM SW78 Multi Effect Moving Head [pdf] Instruction Manual 2240, 2480, TM SW78 Multi Effect Moving Head, TM SW78, Multi Effect Moving Head, Effect Moving Head, Moving Head, Head</p>
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References

- [User Manual](#)

Manuals+. [Privacy Policy](#)

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