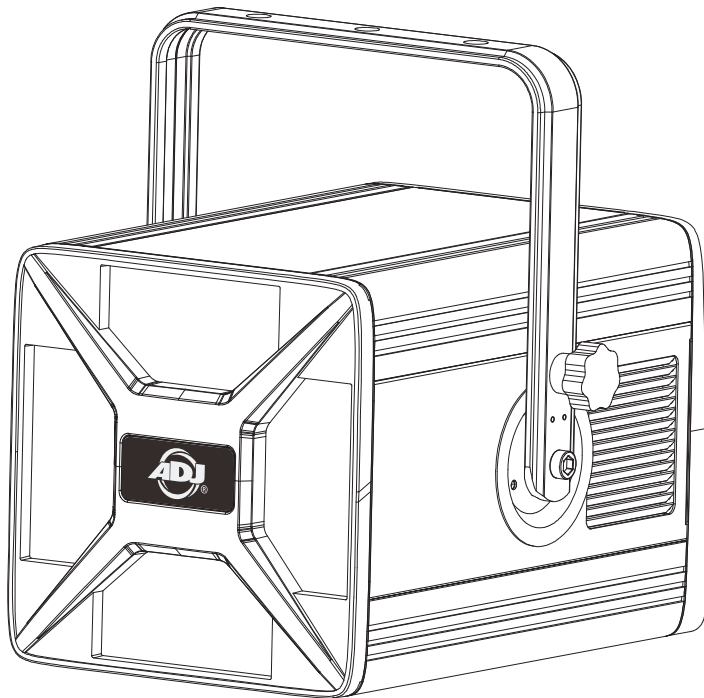




NINJA 5RX



User Instructions

©2016 ADJ Products all rights reserved. Information, specifications, diagrams, images, and instructions herein are subject to change without notice. ADJ Products logo and identifying product names and numbers herein are trademarks of ADJ Products. Copyright protection claimed includes all forms and matters of copyrightable materials and information now allowed by statutory or judicial law or hereinafter granted. Product names used in this document may be trademarks or registered trademarks of their respective companies and are hereby acknowledged. All non-ADJ Products brands and product names are trademarks or registered trademarks of their respective companies.

ADJ Products and all affiliated companies hereby disclaim any and all liabilities for property, equipment, building, and electrical damages, injuries to any persons, and direct or indirect economic loss associated with the use or reliance of any information contained within this document, and/or as a result of the improper, unsafe, insufficient and negligent assembly, installation, rigging, and operation of this product.

Europe Energy Saving Notice

Energy Saving Matters (EuP 2009/125/EC)

Saving electric energy is a key to help protecting the environment. Please turn off all electrical products when they are not in use. To avoid power consumption in idle mode, disconnect all electrical equipment from power when not in use. Thank you!

Ninja 5RX

General Information

Unpacking: Thank you for purchasing the Ninja 5RX by ADJ Products. Every Ninja 5RX has been thoroughly tested and has been shipped in perfect operating condition. Carefully check the shipping carton for damage that may have occurred during shipping. If the carton appears to be damaged, carefully inspect your fixture for any damage and be sure all equipment necessary to operate the unit has arrived intact. In the event damage has been found or parts are missing, please contact our toll free customer support number for further instructions. Please do not return this unit to your dealer without contacting customer support first.

Introduction: The Ninja 5RX can DMX intelligent LED fixture. The fixture has three different operating modes; sound-active, show mode, DMX controlled. The Ninja 5RX has twelve shows to choose from. The unit can be used as a stand alone unit or in a master/slave configuration. *For best results use fog or special effects smoke to enhance the beams projections.*

Customer Support: ADJ Products provides a toll free customer support line, to provide help and to answer any question should you encounter problems during your set up or initial operation. You may also visit us on the web at www.adj.com for any comments or suggestions. Service Hours are Monday through Friday 8:00 a.m. to 4:30 p.m. Pacific Standard Time.

Voice: (800) 322-6337

Fax: (323) 582-2941

E-mail: support@americandj.com

To purchase parts online visit <http://parts.americandj.com>

Warning! To prevent or reduce the risk of electrical shock or fire, do not expose this unit to rain or moisture.

Warning! *This may cause severe eye damage. Avoid looking directly into the light source at all times!*

Ninja 5RX

General Instructions

To optimize the performance of this product, please read these operating instructions carefully to familiarize yourself with the basic operations of this unit. These instructions contain important safety information regarding the use and maintenance of this unit. Please keep this manual with the unit, for future reference.

Ninja 5RX

Features

- DMX-512 Protocol Compatible (3 DMX Channel Modes)
- Multi Colors
- 3 Operating Modes - Show Mode, Sound Active, & DMX Control
- Stand Alone or Master/Slave Configuration
- Internal Microphone
- Digital Display for Address and Function Setting
- UC IR Compatible (Not Included) & Airstream IR Compatible
- 12 Show Modes

Ninja 5RX

Warranty Registration

The Ninja 5RX carries a 2 year (730 days) limited warranty. Please fill out the enclosed warranty card to validate your purchase and warranty. You may also register your product online at www.adj.com. All returned service items whether under warranty or not, must be freight pre-paid and accompany a return authorization (R.A.) number. If the unit is under warranty you must provide a copy of your proof of purchase invoice. Please contact ADJ customer support for a R.A. number.

Ninja 5RX

Handling Precautions

Caution! There are no user serviceable parts inside this unit. Do not attempt any repairs yourself, doing so will void your manufactures warranty. In the unlikely event your unit may require service please contact ADJ.

ADJ will not accept any liability for any resulting damages caused by the non-observance of this manual or any unauthorized modification to this unit.

For Your Own Personal Safety, Please Read and Understand This Manual Completely Before You Attempt To Install Or Operate This Unit!

- To reduce the risk of electrical shock or fire, do not expose this unit rain or moisture
- Do not spill water or other liquids into or on to your unit.
- Do not attempt to operate this unit if the power cord has been frayed or broken.
- Do not attempt to remove or break off the ground prong from the electrical cord. This prong is used to reduce the risk of electrical shock and fire in case of an internal short.
- Disconnect from main power before making any type of connection.
- Do not remove the cover under any conditions. There are no user serviceable parts inside.
- Never operate this unit when it's cover is removed.
- Always be sure to mount this unit in an area that will allow proper ventilation. Allow about 6" (15cm) between this device and a wall.
- Do not attempt to operate this unit, if it becomes damaged.
- This unit is intended for indoor use only, use of this product outdoors voids all warranties.
- Always mount this unit in safe and stable matter.
- Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning -The fixture should be cleaned only as recommended by the manufacturer. See page 17 for cleaning details.
- Heat -This fixture should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- The fixture should be serviced by qualified service personnel when:
 - A. Objects have fallen, or liquid has been spilled into the appliance.
 - B. The appliance has been exposed to rain or water.
 - C. The appliance does not appear to operate normally or exhibits a marked change in performance.

Power Supply: The ADJ Ninja 5RX contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source. With this switch there is no need to worry about the correct power voltage, this unit can be plugged in anywhere.

DMX-512: *DMX is short for Digital Multiplex. This is a universal protocol used by most lighting and controller manufactures as a form of communication between intelligent fixtures and controllers. A DMX controller sends DMX data instructions from the controller to the fixture. DMX data is sent as serial data that travels from fixture to fixture via the DATA "IN" and DATA "OUT" XLR terminals located on all DMX fixtures (most controllers only have a DATA "OUT" terminal).*

DMX Linking: DMX is a language allowing all makes and models of different manufactures to be linked together and operate from a single controller, as long as all fixtures and the controller are DMX compliant. *To ensure proper DMX data transmission, when using several DMX fixtures try to use the shortest cable path possible. The order in which fixtures are connected in a DMX line does not influence the DMX addressing. For example; a fixture assigned a DMX address of 1 may be placed anywhere in a DMX line, at the beginning, at the end, or anywhere in the middle. Therefore, the first fixture controlled by the controller could be the last fixture in the chain. When a fixture is assigned a DMX address of 1, the DMX controller knows to send DATA assigned to address 1 to that unit, no matter where it is located in the DMX chain.*

Data Cable (DMX Cable) Requirements (For DMX and Master/Slave Operation):

The Ninja 5RX can be controlled via DMX-512 protocol. The Ninja 5RX can be a four or 256 channel DMX unit. The DMX address is set electronically using the controls on the rear panel of the unit. Your unit and your DMX controller require a approved DMX-512 110 Ohm Data cable for data input and data output (Figure 1). We recommend Accu-Cable DMX cables. If you are making your own cables, be sure to use standard 110-120 Ohm shielded cable (This cable may be purchased at almost all professional sound and lighting stores). Your cables should be made with a male and female XLR connector on either end of the cable. Also



Figure 1

remember that DMX cable must be daisy chained and cannot be split.

Notice: Be sure to follow figures two and three when making your own cables. Do not use the ground lug on the XLR connector. Do not connect the cable's shield conductor to the ground lug or allow the shield conductor to come in contact with the XLR's outer casing. Grounding the shield could cause a short circuit and erratic behavior.

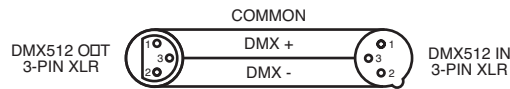


Figure 2

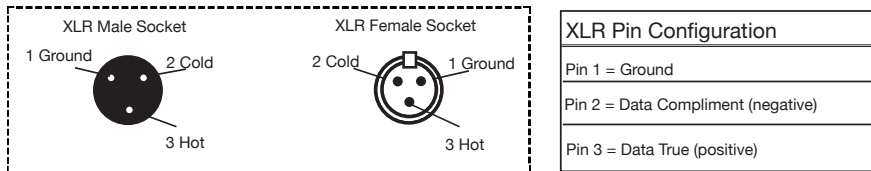


Figure 3

Special Note: Line Termination. When longer runs of cable are used, you may need to use a terminator on the last unit to avoid erratic behavior. A terminator is a 110-120 ohm 1/4 watt resistor which is connected between pins 2 and 3 of a male XLR connector (DATA + and DATA -). This unit is inserted in the female XLR connector of the last unit in your daisy chain to terminate the line. Using a cable terminator (ADJ part number Z-DMX/T) will decrease the possibilities of erratic behavior.

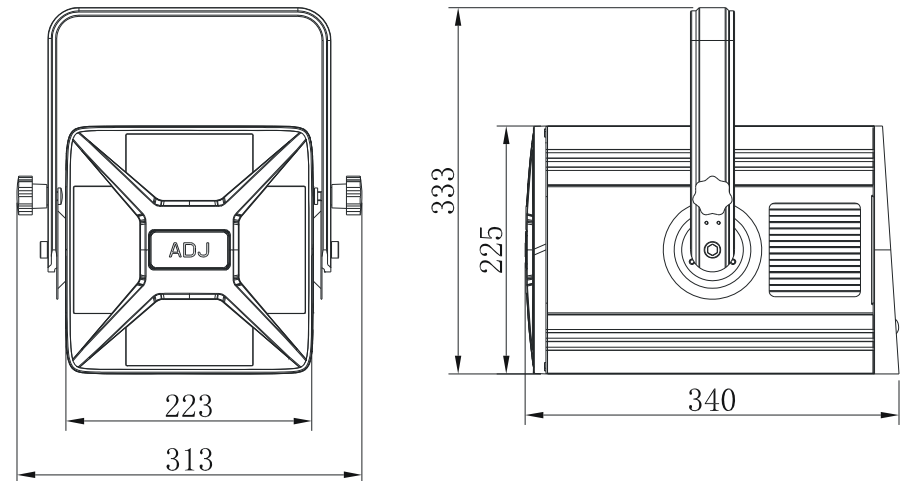


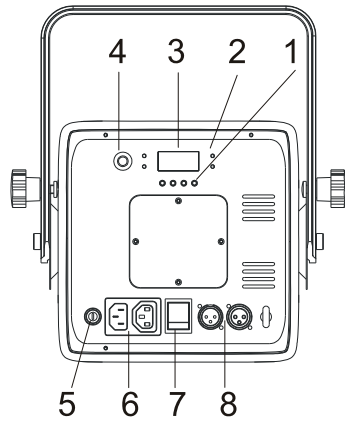
Termination reduces signal errors and avoids signal transmission problems and interference. It is always advisable to connect a DMX terminal. (Resistance 120 Ohm 1/4 W) between PIN 2 (DMX-) and PIN 3 (DMX +) of the last fixture.

Figure 4

5-Pin XLR DMX Connectors. Some manufactures use 5-pin XLR connectors for DATA transmission in place of 3-pin. 5-pin XLR fixtures may be implemented in a 3-pin XLR DMX line. When inserting standard 5-pin XLR connectors in to a 3-pin line a cable adaptor must be used, these adaptors are readily available at most electric stores. The chart below details a proper cable conversion.

3-Pin XLR to 5-Pin XLR Conversion		
Conductor	3-Pin XLR Female (Out)	5-Pin XLR Male (In)
Ground/Shield	Pin 1	Pin 1
Data Compliment (- signal)	Pin 2	Pin 2
Data True (+ signal)	Pin 3	Pin 3
Not Used		Pin 4 - Do Not Use
Not Used		Pin 5 - Do Not Use





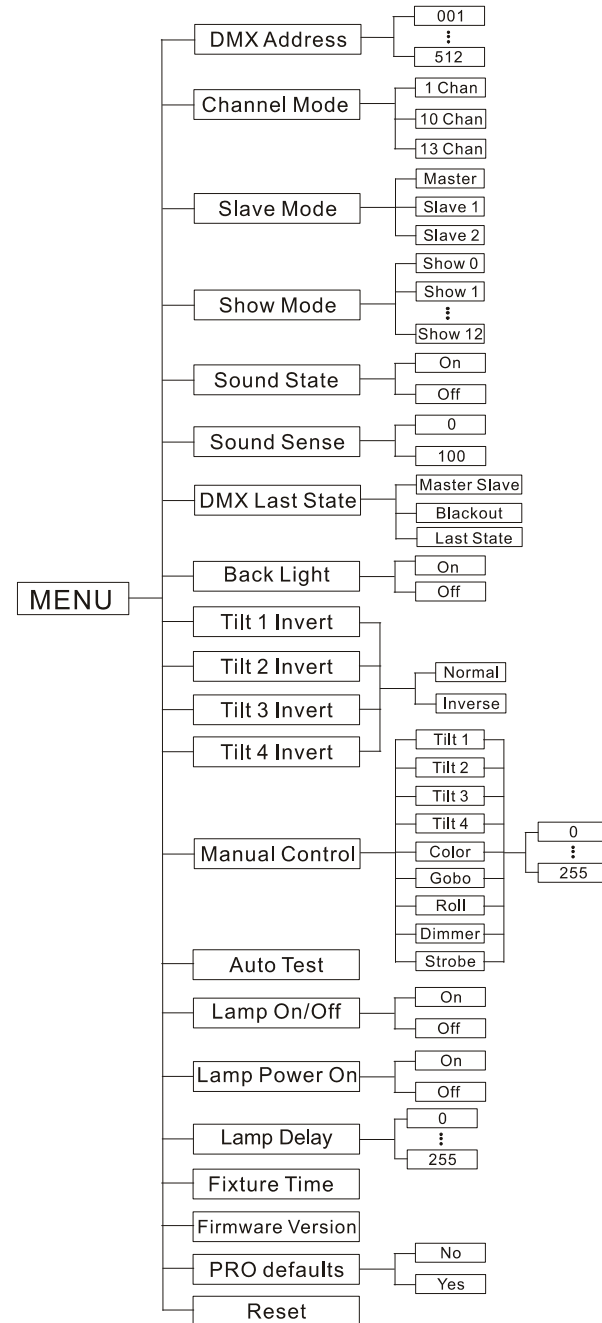
1. Button:

MENU	To select the programming functions
▼ DOWN	To go backward in the selected functions
▲ UP	To go forward in the selected functions
ENTER	To confirm the selected functions

2. LED:

DMX	On	DMX input present
MASTER	On	Master Mode
SLAVE	ON	Slave Mode
SOUND	Flashing	Sound activation

- Function Display: Used to show the various menus and the selected functions;
- MIC: To receive music for sound active;
- Fuse (T 6.3Amp): Used to protect the unit from the damage of over-current;
- Power In/Out: Power input/output connectors
- Power Switch: Turn on/off the power supply;
- DMX In/Out: 3-pin XLR connectors for DMX 512 operation.



System Menu: When making adjustments press **ENTER** to confirm your setup then press and hold the **MENU** button for at least 3 seconds. To exit without making any adjustments press the **MENU** button. The display will lock after 30 seconds, press the **MENU** button for 3 seconds to unlock.

DMX Address - Set the DMX Address -

1. Press the MENU button until “DMX Address” is displayed, press ENTER.
2. “X” will now be displayed, “X” represents the displayed address. Press the UP or DOWN buttons to find your desired address.
3. Press ENTER to confirm, and then press and hold the MENU button for at least three seconds to assign.

Channel Mode - This will let you select your desired DMX Channel mode.

1. Press the MENU button until “Channel Mode” is displayed, press ENTER.
2. “X Chan” will now be displayed, “X” represents the displayed DMX channel mode. Press the UP or DOWN buttons to find your desired Channel mode.
3. Press ENTER to confirm.

Slave Mode - This will let you set unit as a master or slave in a master/slave configuration.

1. Press the MENU button until “Slave Mode” is displayed, press ENTER. Either “Master”, “Slave 1” or “Slave 2” will be displayed.
2. Press the UP or DOWN buttons until your desired setting is displayed, then press ENTER to confirm.

NOTE: In a Master/Slave configuration you can make one fixture the Master and then set the next fixture to “Slave 2”, the fixtures will now have contrast movement to each other.

Show Mode - Show modes 0 - 12 (Preset Shows).

1. Press the MENU button until “Show Mode” is displayed, press ENTER.
2. “Show X” will now be displayed, “X” representing a number between 0-12. Shows 1-12 are preset shows, while “Show 0” will run random shows. Press the UP or DOWN buttons to find your desired show and press ENTER to select your show.

Sound State - In this mode the unit will run in sound active mode.

1. Press the MENU button until “Sound State” is displayed, press ENTER.
2. Either “On” or “Off” will now be displayed. Use the UP or DOWN buttons to toggle between “On” and “Off”.
3. Press ENTER to confirm your selection, then press and hold the MENU button to activate.

Sound Sense - In this mode you can adjust the sound sensitivity of the sound active mode.

1. Press the MENU button until “Sound Sense” is displayed, press ENTER.
2. Press the UP or DOWN buttons to adjust the sensitivity level. The sensitivity level can be adjusted between 0 (the lowest) and 100 (most sensitive).
3. Press ENTER to set your desired level.

DMX State - This mode can be used as a precaution mode, that in case the DMX signal is lost, the operating mode chosen in the setup is the running mode the fixture will go into when the DMX signal is lost. You can also set this as the operating mode you would like the unit to return to when power is applied.

1. Press the MENU button until “DMX State” is displayed, press ENTER.

2. Either “Master/Slave” or “Blackout”, or “Last State” will be displayed. Choose an operating mode you would like the unit to start up in when power is applied or the DMX signal is lost.

- Master/Slave - If the DMX signal is lost or power is applied, the unit will automatically go into Master Slave mode.

- Blackout - If the DMX signal is lost or power is applied, the unit will automatically go into stand by mode.

- Last State - If the DMX signal is lost the fixture will stay in the last DMX set up. If power is applied and this mode is set, the unit will automatically go into the last DMX set up.

3. Press ENTER to confirm your desired set up.

Back Light - With this function you can make the backlight automatically turn off after one minute.

1. Press the MENU button until “Back Light” is displayed, press ENTER.

2. Either “ON” or “OFF” will now be displayed. Press the UP or DOWN buttons to select “ON” to keep the backlight on at all times, or “OFF” to allow the backlight to turn off after 2 minutes. Press any button to turn the backlight on again.

3. Press ENTER to confirm.

Tilt 1 Inverse - Tilt Inversion (Top Mirror)

1. Press the MENU button until “Tilt 1 Inverse” is displayed, press ENTER. Either “Normal” or “Inverse” will be displayed.

2. To activate the Tilt inversion press the UP or DOWN buttons until “Inverse” is displayed, press ENTER to confirm. To deactivate Tilt inversion, select “Normal” and press Enter.

Tilt 2 Inverse - Tilt Inversion (Right Side Mirror)

1. Press the MENU button until “Tilt 2 Inverse” is displayed, press ENTER. Either “Normal” or “Inverse” will be displayed.

2. To activate the Tilt inversion press the UP or DOWN buttons until “Inverse” is displayed, press ENTER to confirm. To deactivate Tilt inversion, select “Normal” and press Enter.

Tilt 3 Inverse - Tilt Inversion (Bottom Mirror)

1. Press the MENU button until “Tilt 3 Inverse” is displayed, press ENTER. Either “Normal” or “Inverse” will be displayed.

2. To activate the Tilt inversion press the UP or DOWN buttons until “Inverse” is displayed, press ENTER to confirm. To deactivate Tilt inversion, select “Normal” and press Enter.

Tilt 4 Inverse - Tilt Inversion (Left Side Mirror)

1. Press the MENU button until “Tilt 4 Inverse” is displayed, press ENTER. Either “Normal” or “Inverse” will be displayed.

2. To activate the Tilt inversion press the UP or DOWN buttons until “Inverse” is displayed, press ENTER to confirm. To deactivate Tilt inversion, select “Normal” and press Enter.

Manual Test - This function will let you manually test the individual features.

1. Press the MENU button until “Manual Test” is displayed, press ENTER.
2. Use the UP or DOWN buttons to find the functions that you wish to test.
3. Once you find a function you wish to test, press the ENTER button, the displayed value will begin to flash. You can now adjust the values by pressing the UP and DOWN buttons. Once you have finished testing press the ENTER button.
4. To exit the manual test mode, press the MENU button.

Auto Test - This function will run a self test program.

1. Press the MENU button until “Auto Test” is displayed, press ENTER.
2. The fixture will now run a self test. Press the MENU button to exit.

Lamp On/Off - This function lets you turn the lamp off/on.

1. Press the MENU button until “Lamp On/Off” is displayed, press ENTER.
2. Either “ON” or “OFF” will now be displayed. Press the UP or DOWN buttons to select “ON” to turn the lamp on, or “OFF” to shut the lamp off.
3. Press ENTER to confirm.

Lamp Power On - This function lets you set the lamp state while power is on.

1. Press the MENU button until “Lamp Power On” is displayed, press ENTER.
2. Either “ON” or “OFF” will now be displayed. Press the UP or DOWN buttons to select “ON” to turn the lamp on, or “OFF” to shut the lamp off.
3. Press ENTER to confirm.

Lamp Delay - This function lets you set a delay time between power on and lamp on.

1. Press the MENU button until “Lamp Delay” is displayed, press ENTER.
2. Press the UP or DOWN buttons to set the delay time between 0 seconds and 255 seconds.
3. Press ENTER to confirm.

Fixture Time. - With this function you can display the running time of the unit.

1. Press the MENU button until “Fixture Time.” is displayed, press ENTER.
2. The current running time of the fixture will now be displayed. Press MENU to exit.

Firmware Version - This will display the software version.

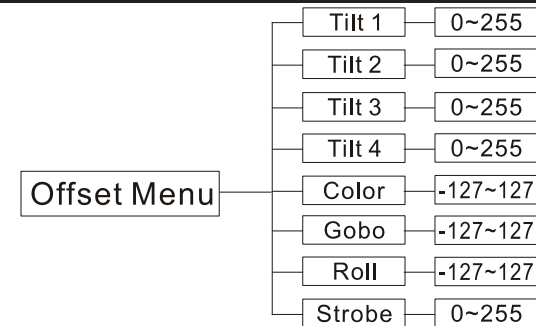
1. Press the MENU button until “Firmware Version” is displayed. Press the ENTER button and the software version will be displayed.
2. Press the MENU button to leave this function.

PRO Default - This will reset the unit to its default settings.

1. Press the MENU button until “PRO Defaults” is displayed. Press the ENTER button and either “Yes” or “No” will be displayed.
2. Press the MENU button to leave this function.

Reset - Use this function to reset the unit.

1. Press the MENU button until “Reset” is displayed, press ENTER.
2. The fixture will now reset.



To enter the Offset Menu, press the ENTER button for at least 3 seconds. In this submenu you are able to adjust the home positions of the pan & tilt motor.

Tilt 1 Offset - Adjustment of mirror 1 home position.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “Tilt 1” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Tilt 2 Offset - Adjustment of mirror 2 home position.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “Tilt 2” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Tilt 3 Offset - Adjustment of mirror 3 home position.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “Tilt 3” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Tilt 4 Offset - Adjustment of mirror 4 home position.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “**Tilt 4**” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Color - Adjustment of the color wheel.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “**Color**” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Gobo - Adjustment of the gobo wheel.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “**Gobo**” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Roll - Adjustment of the center cone mirror.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “**Roll**” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Strobe - Adjustment of the strobe.

1. Press the ENTER button for at least 3 seconds, then press the UP or DOWN buttons so that “**Strobe**” is displayed, and press ENTER.
2. Use the UP and DOWN buttons to make your adjustments, and then press ENTER to confirm. Press the MENU button for one second to exit.

Universal DMX Control: This function allows you to use a universal DMX-512 controller. A DMX controller allows you to create unique programs tailored to your individual needs.

1. The Ninja 5RX has 3 DMX channel modes; 1 channel mode, 10 channel mode, a 13 channel mode. To set the channel mode see page 10. See pages 22-28 a for detailed description of the DMX traits.
2. To control your fixture in DMX mode, follow the set-up procedures on pages 5-7 as well as the set-up specifications that are included with your DMX controller.
3. Use the controller’s faders to control the various DMX fixture traits.
4. This will allow you to create your own programs.
5. Follow the instruction on page 10 to set the DMX address.
6. For longer cable runs (more than a 100 feet) use a terminator on the last fixture.
7. For help operating in DMX mode consult the manual included with your DMX controller.

Sound Active Mode: This mode allows either single unit or several units linked together, to run to the beat of the music.

1. Press the MENU button until “**Sound State**” is displayed, and press ENTER. Press the UP or DOWN buttons so that “**ON**” is displayed and press ENTER.
2. Press the MENU button until “**Sound Sense**” is displayed, and press ENTER. Use the UP and DOWN buttons to adjust the sound sensitivity. Press ENTER when you have found your desired sensitivity level.

Show Mode: This mode allows a single unit or several units linked together, to run 1 of 12 light shows. Show mode can be run with sound active mode on or off.

1. Press the MENU button until “**Show Mode**” is displayed, and press ENTER.
2. Press the UP or DOWN buttons until you find your desired show, and press ENTER to confirm.

Ninja 5RX

Master-Slave Configuration

Master-Slave Configuration This function will allow you to link up to 16 units together and operate without a controller. In a Master-Slave set up, one unit will act as the controlling unit and the others will react to the controlling units programs. Any unit can act as a Master or as a Slave.

1. Using approved DMX data cables, daisy chain your units together via the XLR connector on the rear of the units. Remember the Male XLR connector is the input and the Female XLR connector is the output. The first unit in the chain (master) will use the female XLR connector only - The last unit in the chain will use the male XLR connector only. For longer cable runs we suggest a terminator at the last fixture.
2. On the Master unit press the MENU button until “**Slave Mode**” is displayed, and press ENTER. Use the UP and DOWN buttons to scroll to the “**Master**” setting and press ENTER.
3. After setting the Master unit to the master setting find and set your desired operating mode.
4. On the slave units press the MENU button until “**Slave Mode**” is displayed, and press ENTER. Choose either “**Slave 1**” or “**Slave 2**” and press ENTER. See page 9 for more info.
5. The slave units will now follow the Master unit.

Ninja 5RX

Power Cord Daisy Chain

With this feature you can connect the fixtures to one another using the IEC input and output sockets. The quantity that can be connected is 2 fixtures maximum for 120V and 5 fixtures maximum for 230V. After the maximum amount of fixtures is connected you will need to use a new power outlet. They must be the same fixtures. DO NOT mix fixtures.

Ninja 5RX

UC IR Control

The **UC IR (sold separately)** infrared remote gives you control of various functions (See below). To control the fixture you must aim the remote at the front of the fixture and be no more than 30 feet away.

The Ninja 5RX comes with the **Airstream IR** remote transmitter. The transmitter plugs into the headphone jack of your iOS phone or tablet. To control your IR fixture you must raise the volume to the maximum on your iOS phone or tablet and aim the transmitter at the front of the fixture and be no more than 15 feet away. After you have purchased the Airstream IR transmitters, the app is a free download from the app store for your iOS phone or tablet. The app comes with 3 pages of control depending on the IR fixture you are using. Please see below for IR functions including the corresponding app page.

Works with App page 1.

STAND BY - Pressing this button will blackout the fixture. Press the button again to return to the initial state.

FULL ON - Hold this button down to fully light up the unit. When you let the button go, the unit will return to its previous state.

FADE/GOBO - Press this button and use button's 1-9 to select gobo's 1-9. Press this button twice to select gobo 10. Press and hold this button and use button's 1-7 to select gobo's 11-17.

“DIMMER +” and “DIMMER -” - Use these buttons to adjust the output intensity.

STROBE - Press and hold this button for strobing.

COLOR - Press this button and use button's 1-9 to select color's 1-9. Press this button twice to select color 10. Press and hold this button and use button's 1-4 to select color's 11-14.

1-9 - Use buttons to select your desired color, gobo, or show.

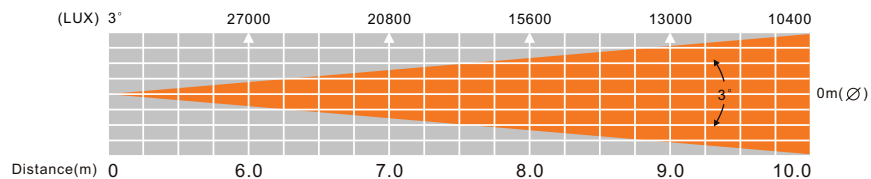
SOUND ON & OFF - Use the buttons to activate and deactivate sound active mode.

SHOW 0 - Press this button and use button's 1-9 to select show's 1-9. Press this button twice to select show 10. Press and hold this button and use button's 1-2 to select color's 11-12.

Ninja 5RX		1 Channel Mode
Channel	Value	Function
1	0 - 7	SHOWS BLACKOUT
	8 - 27	SHOW 1
	28 - 47	SHOW 2
	48 - 67	SHOW 3
	68 - 87	SHOW 4
	88 - 107	SHOW 5
	108 - 127	SHOW 6
	128 - 147	SHOW 7
	148 - 167	SHOW 8
	168 - 187	SHOW 9
	188 - 207	SHOW 10
	208 - 227	SHOW 11
	228 - 247	SHOW 12
	248 - 255	SOUND ACTIVE

Ninja 5RX		10 Channel Mode
Channel	Value	Function
1	0 - 255	TILT TOP MIRROR 0% - 100%
2	0 - 255	TILT RIGHT MIRROR 0% - 100%
3	0 - 255	TILT BOTTOM MIRROR 0% - 100%
4	0 - 255	TILT LEFT MIRROR 0% - 100%
5	0 - 7	COLORS WHITE
	8 - 15	LIGHT RED
	16 - 23	BLUE
	24 - 31	GREEN
	32 - 39	YELLOW
	40 - 47	ORANGE
	48 - 55	MAGENTA
	56 - 63	LAVENDER
	64 - 71	LIGHT PINK
	72 - 79	YELLOW GREEN
	80 - 87	PEACOCK BLUE
	88 - 95	MEDIUM PINK
	96 - 103	MEDIUM PURPLE
	104 - 111	PINEAPPLE YELLOW
	112 - 127	CONGO BLUE
	128 - 189	COLOR SCROLL FAST - SLOW STOP
	190 - 193	STOP
	194 - 255	COLOR SCROLL SLOW - FAST
	6	0 - 6
7 - 13		GOBO 2
14 - 20		GOBO 3
21 - 27		GOBO 4
28 - 34		GOBO 5
35 - 41		GOBO 6
42 - 48		GOBO 7
49 - 55		GOBO 8
56 - 62		GOBO 9
63 - 69		GOBO 10
70 - 76		GOBO 11

Ninja 5RX Photometric Chart



Ninja 5RX		10 Channel Mode
Channel	Value	Function
6	77 - 83	GOBOS
	84 - 90	GOBO 12
	91 - 97	GOBO 13
	98 - 104	GOBO 14
	105 - 111	GOBO 15
	112 - 118	GOBO 16
	119 - 127	GOBO 17
	128 - 189	GOBO 18
	190 - 192	GOBO SCROLL FAST - SLOW
	193 - 255	STOP
	193 - 255	GOBO SCROLL SLOW - FAST
7	0 - 127	CENTER CONE MIRROR
	128 - 189	RANDOM ROLL
	190 - 192	FAST - SLOW
	193 - 255	STOP
8	0 - 7	SHUTTER/STROBING
	8 - 15	CLOSE
	16 - 131	OPEN
	132 - 139	STROBING SLOW - FAST
	140 - 181	OPEN
	182 - 189	FAST CLOSE - SLOW OPEN
	190 - 231	OPEN
	232 - 239	FAST OPEN - SLOW CLOSE
	240 - 247	OPEN
	248 - 255	RANDOM STROBE
248 - 255	OPEN	
9	0 - 255	MASTER DIMMER 0% - 100%
10	0 - 69	SPECIAL FUNCTIONS
	70 - 79	NOTHING
	80 - 89	ENABLE BLACKOUT WITH TILTING
	90 - 99	NOTHING
	100 - 109	ENABLE BLACKOUT WITH COLOR CHANGE
100 - 109	NOTHING	

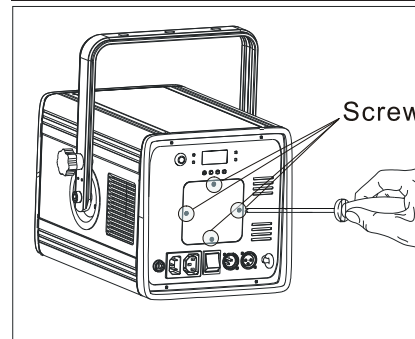
Ninja 5RX		10 Channel Mode
Channel	Value	Function
10	110 - 119	SPECIAL FUNCTIONS
	120 - 129	ENABLE BLACKOUT WITH GOBO CHANGE
	130 - 139	NOTHING
	140 - 199	ENABLE BLACKOUT WITH ROLL CHANGE
	200 - 209	NOTHING
	210 - 255	RESET ALL
210 - 255	NOTHING	

Ninja 5RX		13 Channel Mode
Channel	Value	Function
1	0 - 255	TILT TOP MIRROR 0% - 100%
2	0 - 255	TILT RIGHT MIRROR 0% - 100%
3	0 - 255	TILT BOTTOM MIRROR 0% - 100%
4	0 - 255	TILT LEFT MIRROR 0% - 100%
5	0 - 255	TILT SPEED FAST - SLOW
6		TILT MACROS
	0 - 7	NOTHING
	8 - 21	MACRO 1
	22 - 35	MACRO 2
	36 - 49	MACRO 3
	50 - 63	MACRO 4
	64 - 77	MACRO 5
	76 - 91	MACRO 6
	92 - 105	MACRO 7
	106 - 119	MACRO 8
	120 - 133	MACRO 9
	134 - 147	MACRO 10
	148 - 161	MACRO 11
	162 - 175	MACRO 12
	176 - 189	MACRO 13
	190 - 203	MACRO 14
	204 - 217	MACRO 15
	218 - 231	MACRO 16
232 - 245	MACRO 17	
246 - 255	MACRO 18	
7	0 - 255	TILT MACRO SPEED FAST - SLOW
8		COLORS
	0 - 7	WHITE
	8 - 15	LIGHT RED
	16 - 23	BLUE
	24 - 31	GREEN
	32 - 39	YELLOW
	40 - 47	ORANGE
	48 - 55	MAGENTA
	56 - 63	LAVENDER

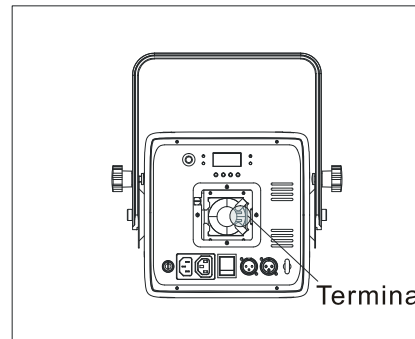
Ninja 5RX		13 Channel Mode
Channel	Value	Function
8		COLORS
	64 - 71	LIGHT PINK
	72 - 79	YELLOW GREEN
	80 - 87	PEACOCK BLUE
	88 - 95	MEDIUM PINK
	96 - 103	MEDIUM PURPLE
	104 - 111	PINEAPPLE YELLOW
	112 - 127	CONGO BLUE
	128 - 189	COLOR SCROLL FAST - SLOW
	190 - 193	STOP
194 - 255	COLOR SCROLL SLOW - FAST	
9		GOBOS
	0 - 6	GOBO 1
	7 - 13	GOBO 2
	14 - 20	GOBO 3
	21 - 27	GOBO 4
	28 - 34	GOBO 5
	35 - 41	GOBO 6
	42 - 48	GOBO 7
	49 - 55	GOBO 8
	56 - 62	GOBO 9
	63 - 69	GOBO 10
	70 - 76	GOBO 11
	77 - 83	GOBO 12
	84 - 90	GOBO 13
	91 - 97	GOBO 14
	98 - 104	GOBO 15
	105 - 111	GOBO 16
	112 - 118	GOBO 17
119 - 127	GOBO 18	
128 - 189	GOBO SCROLL FAST - SLOW	
190 - 192	STOP	
193 - 255	GOBO SCROLL SLOW - FAST	

Ninja 5RX		13 Channel Mode
Channel	Value	Function
10	0 - 127	CENTER CONE MIRROR
	128 - 189	RANDOM ROLL
	190 - 192	FAST - SLOW
	193 - 255	STOP
		SLOW - FAST
11	0 - 7	SHUTTER/STROBING
	8 - 15	CLOSE
	16 - 131	OPEN
	132 - 139	STROBING SLOW - FAST
	140 - 181	OPEN
	182 - 189	FAST CLOSE - SLOW OPEN
	190 - 231	OPEN
	232 - 239	FAST OPEN - SLOW CLOSE
	240 - 247	OPEN
	248 - 255	RANDOM STROBE
12	0 - 255	MASTER DIMMER 0% - 100%
13		SPECIAL FUNCTIONS
	0 - 69	NOTHING
	70 - 79	ENABLE BLACKOUT WITH TILTING
	80 - 89	NOTHING
	90 - 99	ENABLE BLACKOUT WITH COLOR CHANGE
	100 - 109	NOTHING
	110 - 119	ENABLE BLACKOUT WITH GOBO CHANGE
	120 - 129	NOTHING
	130 - 139	ENABLE BLACKOUT WITH ROLL CHANGE
	140 - 199	NOTHING
	200 - 209	RESET ALL
	210 - 255	NOTHING

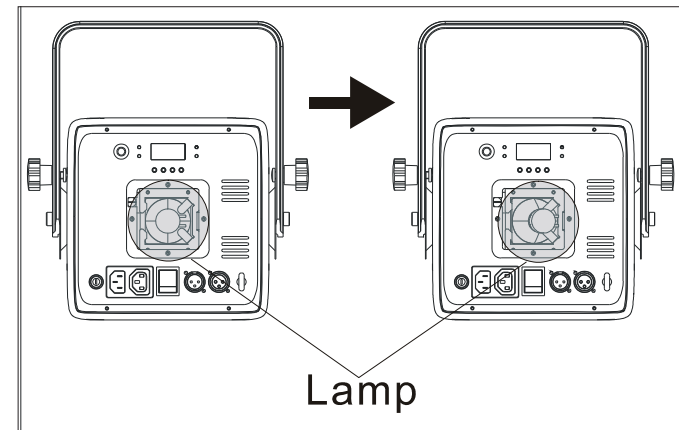
Ninja 5RX Lamp Replacement



Locate the lamp access door on the rear of the unit. Remove the 4 phillips screws that hold the access door in place.



Remove the access door to access the lamp. Remove all wires attached to the base of the lamp.



To remove the lamp, gently slide the lamp to the right to release it. Once the lamp is released, grab the base with your thumb and index finger and gently pull the lamp out towards the left and away from the fixture. Insert the new lamp in reverse order.

Ninja 5RX

Fuse Replacement

First unplug the power. The fuse holder is located next to the power cord input. Using a flat-head screw driver unscrew the fuse holder. Remove the bad fuse and replace with a new one.

Ninja 5RX

Cleaning

Fixture Cleaning: Due to fog residue, smoke, and dust cleaning the internal and external optical lenses and mirror should be carried out periodically to optimize light output. Cleaning frequency depends on the environment in which the fixture operates (i.e. smoke, fog residue, dust, dew). In heavy club use we recommend cleaning on a monthly basis. Periodic cleaning will ensure longevity, and crisp output.

1. Use normal glass cleaner and a soft cloth to wipe down the outside casing.
2. Use a brush to wipe down the cooling vents and fan grill.
3. Clean the external optics and mirror with glass cleaner and a soft cloth every 20 days.
4. Clean the internal optics with glass cleaner and a soft cloth every 30-60 days.
5. Always be sure to dry all parts completely before plugging the unit back in.

Ninja 5RX

Trouble Shooting

Trouble Shooting: Listed below are a few common problems that you may encounter, with solutions.

No light output from the unit;

1. Be sure the external fuse has not blown. The fuse is located on the rear panel of the unit.
2. Be sure the fuse holder is completely and properly seated.

Unit does not respond to sound;

1. Low frequencies (bass) should cause the unit to react to sound. Tapping on the microphone, quiet or high pitched sounds may not activate the unit.

Ninja 5RX

Warranty

MANUFACTURER'S LIMITED WARRANTY

- A. ADJ Products hereby warrants, to the original purchaser, ADJ Products products to be free of manufacturing defects in material and workmanship for a prescribed period from the date of purchase (see specific warranty period on reverse). This warranty shall be valid only if the product is purchased within the United States of America, including possessions and territories. It is the owner's responsibility to establish the date and place of purchase by acceptable evidence, at the time service is sought.
- B. For warranty service you must obtain a Return Authorization number (RA#) before sending back the product—please contact ADJ Products Service Department at 800-322-6337. Send the product only to the ADJ Products factory. All shipping charges must be pre-paid. If the requested repairs or service (including parts replacement) are within the terms of this warranty, ADJ Products will pay return shipping charges only to a designated point within the United States. If the entire instrument is sent, it must be shipped in its original package. No accessories should be shipped with the product. If any accessories are shipped with the product, ADJ Products shall have no liability whatsoever for loss of or damage to any such accessories, nor for the safe return thereof.
- C. This warranty is void if the serial number has been altered or removed; if the product is modified in any manner which ADJ Products concludes, after inspection, affects the reliability of the product; if the product has been repaired or serviced by anyone other than the ADJ Products factory unless prior written authorization was issued to purchaser by ADJ Products; if the product is damaged because not properly maintained as set forth in the instruction manual.
- D. This is not a service contract, and this warranty does not include maintenance, cleaning or periodic check up. During the period specified above, ADJ Products will replace defective parts at its expense with new or refurbished parts, and will absorb all expenses for warranty service and repair labor by reason of defects in material or workmanship. The sole responsibility of ADJ Products under this warranty shall be limited to the repair of the product, or replacement thereof, including parts, at the sole discretion of ADJ Products. All products covered by this warranty were manufactured after August 15, 2012, and bear indentifying marks to that effect.
- E. ADJ Products reserves the right to make changes in design and/or improvements upon its products without any obligation to include these changes in any products theretofore manufactured.

No warranty, whether expressed or implied, is given or made with respect to any accessory supplied with products described above. Except to the extent prohibited by applicable law, all implied warranties made by ADJ Products in connection with this product, including warranties of merchantability or fitness, are limited in duration to the warranty period set forth above. And no warranties, whether expressed or implied, including warranties of merchantability or fitness, shall apply to this product after said period has expired. The consumer's and/or Dealer's sole remedy shall be such repair or replacement as is expressly provided above; and under no circumstances shall ADJ Products be liable for any loss or damage, direct or consequential, arising out of the use of, or inability to use, this product.

This warranty is the only written warranty applicable to ADJ Products Products and supersedes all prior warranties and written descriptions of warranty terms and conditions heretofore published.

MANUFACTURER'S LIMITED WARRANTY PERIODS:

- **Lighting Products = 1-year (365 days) Limited Warranty** (Such as: Special Effect Lighting, Intelligent Lighting, UV lighting, Strobes, Fog Machines, Bubble Machines, Mirror Balls, Par Cans, Trussing, Lighting Stands etc. excluding LED and lamps)
- **Laser Products = 1 Year (365 Days) Limited Warranty** (excluding laser diodes which have a 6 month limited warranty)
- **L.E.D. Products = 2-year (730 days) Limited Warranty** (excluding motors, PCB boards, and power supplies, which have a 1-year (365 day Limited Warranty) batteries which have a 180 day limited warranty). Only the L.E.D.s carry a 2-year warranty (excluding StarTec Series which carries a 1 Year Limited Warranty) **Note: 2 Year Warranty only applies to purchases within the United States.**
- **ADJ DMX Controllers = 2 Year (730 Days) Limited Warranty** (excluding faders and tact switches)

Model:	Ninja 5RX
Voltage:	100V~240V 60Hz/50Hz
Lamp:	Philips® MSD Platinum 5R Discharge 8,000°K - 3,000 Hr. Long Life
Power Consumption:	260W
Beam Angle:	5 Degrees
Fuse:	7A
Power Cord Daisy Chain:	2 Fixtures Max. (120V) 5 Fixtures Max. (230V)
Dimensions:	13.25"(L) x 12.25"(W) x 13"(H) 340mm x 313mm x 333mm
Weight:	22 Lbs. / 10 kgs.
Colors:	Multi Colors
Duty Cycle:	None
DMX:	1, 10, or 13 DMX Channels
Sound Active:	Yes
Working Position:	Any Safe, Secure Position
Warranty:	2 Year (730 days)

Auto Sensing Voltage: This fixture contains a automatic voltage switch, which will auto sense the voltage when it is plugged into the power source.

Please Note: Specifications and improvements in the design of this unit and this manual are subject to change without any prior written notice.

ADJ Products
6122 S. Eastern Ave. Los Angeles, CA 90040 USA
Tel: 323-582-2650 / Fax: 323-725-6100
Web: www.adj.com / E-mail: info@americandj.com

A.D.J. Supply Europe B.V.
Junostraat 2
6468 EW Kerkrade
The Netherlands

Follow Us On:



facebook.com/americandj
twitter.com/americandj
youtube.com/adjlighting

service@adjgroup.eu / www.adj.eu
Tel: +31 45 546 85 00 / Fax: +31 45 546 85 99