

STD-LINE



WASH 0740B RGBL

**Moving Head
User Manual**

R STAGE

PRSTAGE.PRO

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1 – INTRODUCTION TO THE MANUAL

Welcome to the WASH 1240B RGBL user manual.

This document provides information on the setup, operation, and maintenance of the device.

2 – GENERAL WARNING

Please read the instructions in this user manual carefully, as they contain important safety information regarding installation, use, and maintenance.

 This device is not intended for household use and must be installed by a qualified electrician or experienced technician.

 The device must be properly grounded.

3 – GENERAL WARRANTY TERMS

The device is covered by a 12-month warranty from the date of purchase against manufacturing defects in materials and workmanship.

4 – TECHNICAL SPECIFICATIONS

Light Source:

- LED: 7 x 40 w.

Optical System:

- **Zoom:** Motorized, with a range of 3.5°–45°.

4 – TECHNICAL SPECIFICATIONS

The WASH 0740B RGBL is one of the most compact lighting fixtures in the category of models with power up to 500 W.

Thanks to its advanced optical system, the fixture delivers 13300 lux at a distance of 5 meters (at a 3.5° beam angle).

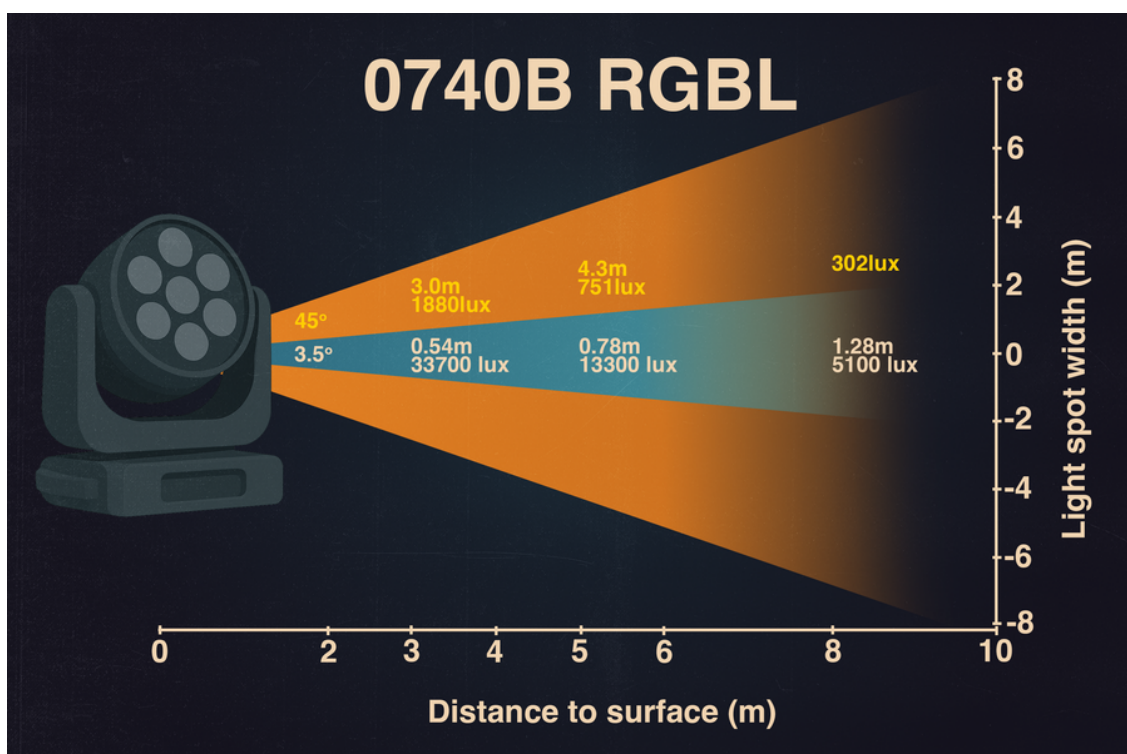
WASH 1240B RGBL is perfectly suited for professional applications—both mobile (concerts, shows, tours, special events) and fixed installations (clubs, concert venues)—that require high brightness and versatile functionality.

Key Features of the WASH 1240B RGBL:

- Linear zoom (3.5°–45°)
- RGBL color mixing system
- Bee Eye effect
- Pan/Tilt mechanism (16-bit resolution)
- Move Speed function for fast movement
- Intuitive menu with backlit graphical LCD display
- Operating voltage: 100–240 V

Dimmer / Strobe

- 16-bit linear dimmer
- Strobe with adjustable frequency from 0 to 25 flashes per second



4 – TECHNICAL SPECIFICATIONS

Colors

RGBL (16-bit) color mixing system for accurate color rendering on theater or venue stages.

Effects

- Bee Eye effect

Pan / Tilt

- Pan range: 540°
- Tilt range: 270°
- Resolution: 16-bit
- Move Speed function – smooth and precise movement even at maximum speed

DMX and Control

- 32 DMX channels (default)
- Channel modes: 21 / 24 / 32 / 60 CH

Connections

- 2 XLR connectors:
 - 3-pin DMX In/Out
- POWERCONN (Neutrik) connector
- RJ-46 connector (optional)

Power Supply

- Electronic ballast: 100–240 V (50/60 Hz)
- Power consumption: up to 300 W

Standard Accessories

- 1 omega brackets with Fast Lock system

4 – TECHNICAL SPECIFICATIONS

Operating Ambient Temperature:

- -10°C to $+40^{\circ}\text{C}$

Interface

- Graphical LCD display with backlight

Weight

- 5.6 kg

Dimensions

- Packaged: $258 \times 178 \times 343$ mm
- Unpackaged: $320 \times 240 \times 430$ mm



5 – PACKAGE CONTENTS

Standard package includes:

- 1× WASH 0740B RGBL.
- 1× POWERCONN Male connector
- 1× 3-pin XLR Male connector
- 1× 3-pin XLR Female connector
- 2× "Fast Lock" Omega brackets (maximum load: 80 kg)
- User manual

6 – IMPORTANT SAFETY INFORMATION



6.1. Fire Prevention:

- Never place the fixture on flammable surfaces.
- Minimum distance from combustible materials: 1.5 m.
- Minimum distance to the nearest illuminated surface: 2 m.
- Replace blown or damaged fuses only with those of the same rating.
- Connect the device to the power supply only through a thermal circuit breaker.



6.2. Electrical Shock Prevention:

- High voltage is present inside the device. Before performing any work that involves touching the internal components, disconnect the device from the power supply.
- The high level of technological complexity of the F-SPOT 800 CMY requires maintenance by qualified personnel only. Contact an authorized PRstage service center.
- Proper grounding is essential for the device's correct operation.
- Never connect the device without proper grounding.
- The device must be installed in well-ventilated areas.



6.3. Protection from Intense Light Emission:

- Never look directly into the spotlight when it is on.

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- Never look directly into the spotlight when it is on.



6.4. Safety:

- The fixture must always be installed using bolts, clamps, and other fasteners that can support its weight.
- Always use an additional safety cable to secure the fixture in case the primary mounting fails.
- The external surface of the device may reach temperatures above 70°C in certain areas. Do not touch the fixture for at least 10 minutes after it has been turned off.

6 – IMPORTANT SAFETY INFORMATION



6.4. Safety:

- Never install the fixture in enclosed spaces without adequate air circulation. The ambient temperature should not exceed 40°C.

6.5. Ingress Protection Rating (Solid Particles and Liquids):

- The fixture is classified as standard equipment with an IP20 protection rating, meaning it offers no protection against dust and moisture.
- For outdoor use, PRstage recommends using specialized rain covers or fixtures with protection against liquid or other solid particles. For more details, please consult a PRstage specialist.

7 – VOLTAGE AND FREQUENCY

- The WASH 0740B RGBL operates within a voltage range of 100 – 240V at a frequency of 50 or 60 Hz.

8 – INSTALLATION

- The WASH 0740B RGBL can be installed both on the floor and on the ceiling.

Floor Installation:

- The fixture is equipped with four rubber feet on the base for stability. (see Fig. 1, page 9).

Ceiling Mounting:

- It is recommended to use appropriate clamps to secure the fixture to the mounting surface. (see Fig. 2, page 9).
- The supporting structure to which the fixture is suspended must be able to support its weight, as well as the mounting hardware.
- The structure should be rigid enough to prevent vibration during the movement of the WASH 0740B RGBL.

Mounting System:

- The base of the fixture has 4 mounting points for hex bolts (not included).
- This allows the WASH 0740B RGBL to be mounted using the two “Fast Lock” mounting brackets included in the package.

8 – INSTALLATION



Fig. 1

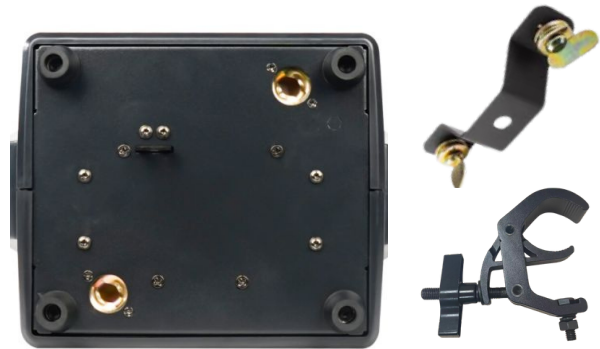
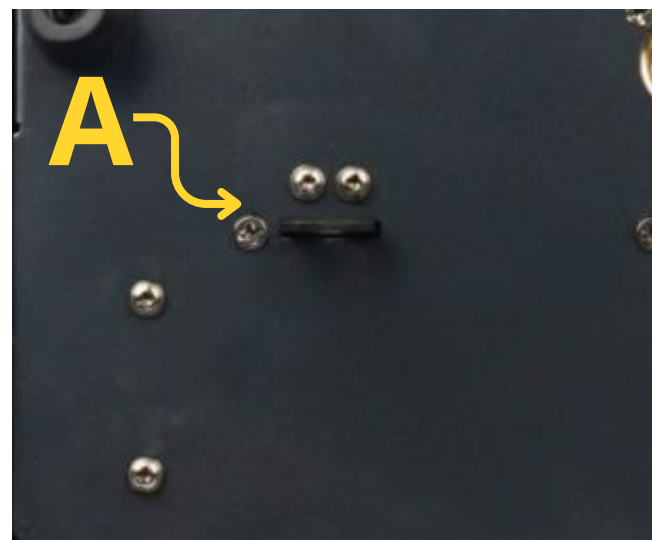
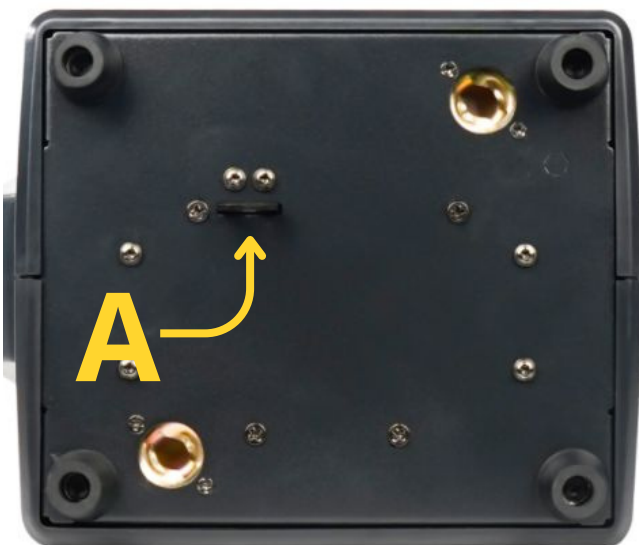


Fig. 2

8.1 – SAFETY CABLE

- We strongly recommend using a safety cable to secure the WASH 0740B RGBL to the mounting truss. This will prevent the fixture from falling in the event of primary mounting failure.
- Ensure that the safety cable is made of metal and is capable of supporting the full weight of the fixture.
- You can attach the safety cable to the hole (A) located at the base of the unit, as shown in the image below.





8.2 – LIQUID PROTECTION

- The projector contains electrical and electronic components that must never come into contact with oil, water, or any other liquids.
- If liquids enter the device, its operation may be compromised or completely fail.

8.3 – MOVEMENT

- The projector has a maximum movement range of:
 - Pan: 540°
 - Tilt: 270°
- Do not place any obstacles in the path of the moving parts of the fixture or position other equipment too close to its range of motion.



8.4 – FORCED VENTILATION

- Upon inspection, you will notice that the device is equipped with air intake vents and cooling fans located at the base and on the head of the fixture.
- Under no circumstances should these vents be blocked or covered during operation.
- Obstructing airflow can lead to severe overheating, which may result in device malfunction or failure.

9 – POWER CONNECTION

- The WASH 0740B RGBL operates within a voltage range of 100 – 240V at a frequency of 50–60 Hz.
- Before connecting the fixture to the power supply, make sure that the mains voltage matches the device specifications.

To connect:

- Ensure that the plug used supports:
- 8 A at 230 V or 16 A at 100–120 V



10 – DMX SIGNAL CONNECTION

The fixture operates using the DMX-512 digital control protocol.

1. DMX Connection

The connection between the DMX controller and the fixture—or between multiple fixtures—must be made using shielded twisted-pair cable (ø 0.5 mm) with XLR connectors (3-pin or 5-pin).

- Make sure the conductors do not touch each other.
- Do not connect the cable shield to the body of the XLR connector—the housing must remain electrically isolated.
- Connect the DMX OUT of the controller to the DMX IN of the first fixture.
- Then connect the DMX OUT of the first fixture to the DMX IN of the second fixture, and so on.
- In this way, all fixtures are connected in a daisy-chain configuration.



10 – DMX SIGNAL CONNECTION

2. DMX Errors

- If the green DMX address indicator is not lit, this indicates one of the following issues:
 - No DMX signal is being received.
 - DMX receiver error.

3. Using a DMX Terminator

In setups with long DMX cable runs, it is recommended to use a DMX terminator.

A terminator is an XLR plug (3-pin or 5-pin) with a 120-ohm resistor connected between pins 2 and 3.

The DMX terminator should be plugged into the DMX OUT of the last fixture in the chain.

10.1 – DMX ADDRESSES

- The WASH 0740B RGBL operates in a 24-channel DMX mode.
- If you are using the 24-channel mode, set the following DMX addresses on your controller:
 - FIXTURE 1 → A001
 - FIXTURE 2 → A025
 - FIXTURE 3 → A049
 - ...
 - FIXTURE 6 → A121

To assign the DMX address for the next fixture, simply add 24 to the previous address.

10.2 – SELECTING THE DMX ADDRESS



- Press the Menu button and use the UP/DOWN buttons until you reach the DMX Address section, then press OK.
- Set the desired DMX address.
- Press ENTER to confirm your selection.
- Press the Menu button again and check the address on the main screen.

10.3 – SETTING THE ADDRESS VIA RDM



- The WASH 0740B RGBL fixture supports RDM – Remote Device Management.

Important:

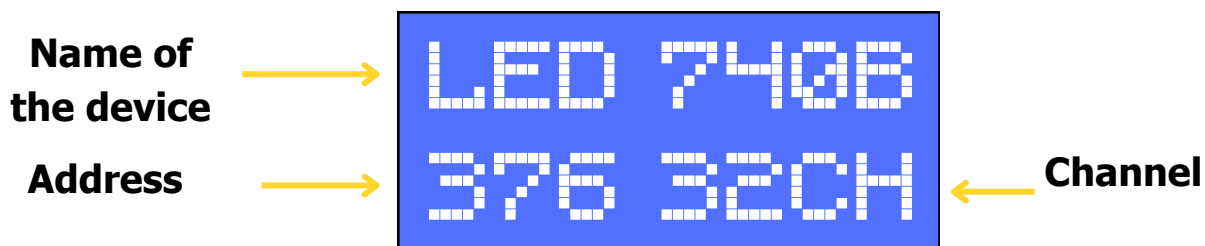
- If your console supports the RDM function, you can set the fixture's address directly from the console.
- Please check with your console's manufacturer to confirm RDM support.

Note:

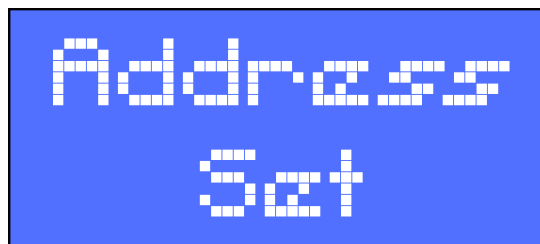
- All devices in the network, including ART-NET, sCAN, and others, must support RDM signal transmission.

11 – DISPLAY FUNCTIONS

- The display on the WASH 0740B RGBL shows all available functions. Using these functions, you can change the device's parameters and add additional options.
- Important: Modifying the settings of the WASH 1240B RGBL may alter the fixture's functionality, potentially causing it to stop responding to DMX control.
- Before making any changes, carefully follow the instructions below.
- Note:
- The display shows button icons, indicating which buttons to press to select the desired function. 



12 – “MAIN MENU” FUNCTIONS



DMX Address - Address selection

- Press  OK and use the  UP/Down buttons to select the desired address.
 - Press  Enter to confirm the device reset.
 - By default, the device address is set to 001.
-

Mode - Device operating mode

DMX512

- For controlling the spotlight via DMX 512 protocol.

Auto

- Automatic spotlight program.

Sound

- Control of devices in semi-automatic mode using the built-in microphone.

Manual

- Allows you to turn on the required device parameters manually without a DMX console.
- Press  OK and use the  Up/Down buttons to select the desired parameter.
- Press  OK to select the parameter.
- Use the  Up/Down buttons to select a value from 0 to 255.
- Press  OK or Enter to confirm.
- Press  Menu to exit.

12 – “MAIN MENU” FUNCTIONS



Channel mode - Spotlight channel mode



- Press OK and use Up/Down buttons to select the desired mode.



- Press OK or Enter to confirm.

4 available modes:

- 21 CH
- 24 CH
- 32 CH (Default)
- 60 CH

Invert Set - PAN/TILT reverse



- Press OK and use UP/Down buttons to select Yes or No.



- Press Enter to confirm inversion.

- По умолчанию установлен OFF

Sound - Microphone sensitivity



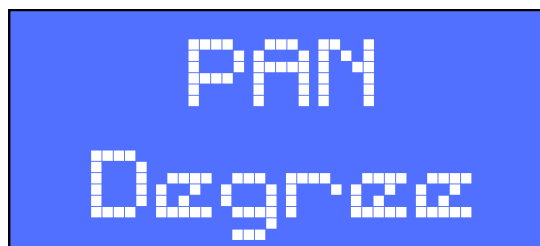
- Press OK and use UP/Down buttons to select the desired power.



- Press Enter to confirm.

- Default is 070.

12 – “MAIN MENU” FUNCTIONS



Pan Degree - The spotlight's Pan mode

- Press OK and use the UP/Down buttons to select the desired mode.
- Press Enter to confirm the mode.

2 available modes:

- 540° or 360°

No Signal - The fixture's actions when the signal is lost

- Press OK and use the UP/Down buttons to select Hold or Black Out.
- Press Enter to confirm the fixture's mode.

Hold - The fixture remembers the last received value and continues to operate in the same mode until the DMX signal is restored.

- Useful if the signal is briefly lost, to avoid sudden effects shutdown.
- For example, if the light was set to blue with a certain gobo, it will remain in this state.

Black Out - The fixture resets its parameters when the DMX signal is lost and returns to its original state (usually turning off the light beam or going into standby mode).

- Useful if you want the fixture to automatically turn off when there is no signal.

When to use which function?

Hold – for stable operation in a show, if short-term signal losses are possible.

Black Out – if you want the device to turn off when DMX is lost and not remain in the last state.

If you use wireless DMX or long cable lines, Hold will be safer.

12 – “MAIN MENU” FUNCTIONS



Fan Set - Fan speed

- Press  and use the UP/Down buttons  to select Auto or Low or High.
- Press  Enter to confirm the device mode.

Auto - Automatic speed depending on the conditions of use of the device.

Low - Minimum fan noise, suitable for theaters and live sound venues.

High - Maximum cooling, for use in venues where fan noise is not important.

Reset - Device reset

- Press  and use the UP/Down buttons  to select No or Yes.
- Press  Enter to confirm the reset.

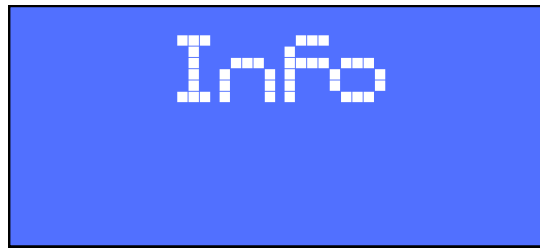


- When resetting the device, you will need to re-configure it.

Default - Standard settings

- Press  and use the UP/Down buttons  to select No or Yes.
- Press  Enter to confirm the reset.

12 – “MAIN MENU” FUNCTIONS



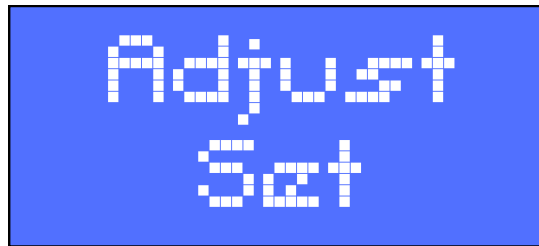
Temp

- The current temperature of the device.

Soft

- The device software version.
-

13 – “ADJUST MENU” FUNCTIONS



Adjust - service menu



- Access to the equipment service menu is provided only by PRstage employees.



- Attempting to change the parameters in the service menu may result in equipment failure and warranty service failure.

14— DEVICE ERRORS

- If you see an error message, please refer to the table:

Error	Possible Issue	Solution
MT board connection fails	Motor board not responding. Possible issue: There may be problems with the serial communication line between the display and the motor board, or the motor board may be faulty.	1. Try performing a device reset. 2. Turn off the power and turn it back on after 1 minute. 3. If the error persists, contact the PRstage service center.
X-axis photoelectric switch, or X-axis motor or motor board problem.	Problem with the photoelectric sensor on the X-axis, X-axis motor, or motor board.	1. Try performing a device reset. If the error persists, contact the PRstage service center.
Y-axis photoelectric switch, or Y-axis motor or motor board problem.	Problem with the photoelectric sensor on the Y-axis, Y-axis motor, or motor board.	• Try performing a device reset. • If the error persists, contact the PRstage service center.

14— DEVICE ERRORS

Error	Possible Issue	Solution
MT board connection fails	Motor board not responding. Possible issue: There may be problems with the serial communication line between the display and the motor board, or the motor board may be faulty.	1. Try performing a device reset. 2. Turn off the power and turn it back on after 1 minute. 3. If the error persists, contact the PRstage service center.
X-axis photoelectric switch, or X-axis motor or motor board problem.	Problem with the photoelectric sensor on the X-axis, X-axis motor, or motor board.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
Y-axis photoelectric switch, or Y-axis motor or motor board problem.	Problem with the photoelectric sensor on the Y-axis, Y-axis motor, or motor board.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
X-axis Hall or motor board have problem.	Hall sensor on the X-axis or motor is faulty.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
Y-axis Hall or motor board have problem.	Hall sensor on the Y-axis or motor is faulty.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.

14— DEVICE ERRORS

Error	Possible Issue	Solution
Color Hall or Color motor have problem.	Hall sensor for the color wheel or color wheel motor is faulty.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
Gobo Hall or Gobo motor have problem.	Hall sensor for the gobo wheel or gobo wheel motor is faulty.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
Focus Hall or focus motor have problem.	Hall sensor for the focus or focus motor is faulty.	1. Try performing a device reset. 2. If the error persists, contact the PRstage service center.
Failed to light ON or OFF, the light striker or lamp have problem.	LED does not turn on or off.	Contact the PRstage service center.

15 – PERIODIC CLEANING

15.1 – Lenses and Reflectors

Even a thin layer of dust can significantly reduce light output.

Regularly clean all lenses and reflectors with a soft cotton cloth dampened with a special cleaning solution.

15.2 – Fans and Vents

Fans and vents should be cleaned approximately every 6 weeks.

The cleaning frequency depends on the operating conditions of the projector.

For cleaning, you can use:

- A brush
- A regular vacuum cleaner
- An air compressor

If the device operates in a dusty environment, clean the fans and air ducts more frequently.

16 – PERIODIC INSPECTIONS

Attention!

Before removing the casing, disconnect the device from the power supply.

Mechanical Parts

Periodically check all mechanical components:

- Gears
- Guides
- Belts and other moving elements

Replace worn parts if necessary.

Check the lubrication of all components, especially those exposed to high temperatures.

Use the appropriate lubricant recommended by PRstage.

Check the tension of the belts and adjust if necessary.

Electrical Components

Check the grounding and the proper connection of all connectors.

- If any loose connections are found, tighten them.

16– PERIODIC INSPECTIONS



Fuse Replacement

- The fuse protecting the lamp and electronic components is located at the base of the WASH 0740B RGBL.
- Check the condition of the fuse using a multimeter.
- If the fuse is blown, replace it with one of the same rating.



Attention!

Disassembling the device during the warranty period is prohibited!

This may void the warranty service!

17 – DMX PROTOCOL

21-CHANNEL DMX MODE

1. RED – Red, linear from 0 to 100%
2. RED FINE – Fine red adjustment
3. GREEN – Green, linear from 0 to 100%
4. GREEN FINE – Fine green adjustment
5. BLUE – Blue, linear from 0 to 100%
6. BLUE FINE – Fine blue adjustment
7. LIME – Lime, linear from 0 to 100%
8. LIME FINE – Fine lime adjustment
9. CTO – CTO (Color Temperature Orange)
10. COLOR MACRO – Color macros
11. DIMMER – Dimmer
12. DIMMER FINE – Fine dimmer adjustment
13. STROBE – Strobe
14. PAN – Pan 540°
15. PAN FINE – Fine pan adjustment
16. TILT – Tilt 270°
17. TILT FINE – Fine tilt adjustment
18. ZOOM – Zoom from 3.5° to 45°
19. LENS ROTATION – Lens rotation
20. DIM MODE – Dimmer modes
21. RESET – Fixture reset

17 – DMX PROTOCOL

24-CHANNEL DMX MODE (DEFAULT)

1. PAN – Pan 540°
2. PAN FINE – Pan fine
3. TILT – Tilt 270°
4. TILT FINE – Tilt fine
5. SPEED MOVEMENT – Pan/Tilt movement speed
6. ZOOM – Zoom
7. LENS ROTATION – Lens rotation
8. DIMMER – Linear dimmer 0 – 100 %
9. STROBE – Strobe
10. RED – Red, linear 0 – 100 %
11. GREEN – Green, linear 0 – 100 %
12. BLUE – Blue, linear 0 – 100 %
13. LIME – Lime, linear 0 – 100 %
14. CTO – CTO / Color temperature correction
15. COLOR MACRO – Color macros
16. PATTERN ROTATION – Static pattern rotation
17. PATTERN MOVEMENT – Pattern movement
18. PATTERN EFFECT SPEED – Pattern effect speed
19. BACKGROUND COLOR RED – Background red, linear 0 – 100 %
20. BACKGROUND COLOR GREEN – Background green, linear 0 – 100 %
21. BACKGROUND COLOR BLUE – Background blue, linear 0 – 100 %
22. BACKGROUND LIME – Background lime, linear 0 – 100 %
23. DIM MODE – Dimmer modes
24. RESET – Fixture reset

17 – DMX PROTOCOL

32-CHANNEL DMX MODE

1. PAN – Pan 540°
2. PAN FINE – Fine Pan
3. TILT – Tilt 270°
4. TILT FINE – Fine Tilt
5. SPEED MOVEMENT – Pan/Tilt Movement Speed
6. ZOOM – Zoom
7. LENS ROTATION – Lens Rotation
8. DIMMER – Linear Dimmer 0–100 %
9. DIMMER FINE – Fine Dimmer
10. STROBE – Strobe
11. RED – Red 0–100 %
12. RED FINE – Fine Red
13. GREEN – Green 0–100 %
14. GREEN FINE – Fine Green
15. BLUE – Blue 0–100 %
16. BLUE FINE – Fine Blue
17. LIME – Lime 0–100 %
18. LIME FINE – Fine Lime
19. DIM MODE – Dimmer Modes
20. COLOR/CTO – Color / CTO (Color Temperature)
21. COLOR MACRO – Color Macros
22. PATTERN ROTATION – Static Pattern Rotation
23. PATTERN MOVEMENT – Pattern Movement
24. PATTERN EFFECT SPEED – Pattern Effect Speed
25. PATTERN FADE EFFECT – Pattern Fade Effect
26. BACKGROUND DIMMER – Background Dimmer
27. BACKGROUND STROBE – Background Strobe
28. BACKGROUND COLOR RED – Background Red 0–100 %
29. BACKGROUND COLOR GREEN – Background Green 0–100 %
30. BACKGROUND COLOR BLUE – Background Blue 0–100 %
31. BACKGROUND COLOR LIME – Background Lime 0–100 %
32. RESET – Fixture reset

17 – DMX PROTOCOL

60-CHANNEL DMX MODE

1. PAN – Pan 540°
2. PAN FINE – Fine Pan
3. TILT – Tilt 270°
4. TILT FINE – Fine Tilt
5. SPEED MOVEMENT – Pan/Tilt Movement Speed
6. ZOOM – Zoom
7. LENS ROTATION – Lens Rotation
8. DIMMER – Linear Dimmer 0–100 %
9. DIMMER FINE – Fine Dimmer
10. STROBE – Strobe
11. RED – Red 0–100 %
12. RED FINE – Fine Red
13. GREEN – Green 0–100 %
14. GREEN FINE – Fine Green
15. BLUE – Blue 0–100 %
16. BLUE FINE – Fine Blue
17. LIME – Lime 0–100 %
18. LIME FINE – Fine Lime
19. DIM MODE – Dimmer Modes
20. COLOR/CTO – Color / CTO (Color Temperature)
21. COLOR MACRO – Color Macros
22. PATTERN ROTATION – Static Pattern Rotation
23. PATTERN MOVEMENT – Pattern Movement
24. PATTERN EFFECT SPEED – Pattern Effect Speed
25. PATTERN FADE EFFECT – Pattern Fade Effect
26. BACKGROUND DIMMER – Background Dimmer
27. BACKGROUND STROBE – Background Strobe
28. BACKGROUND COLOR RED – Background Red 0–100 %
29. BACKGROUND COLOR GREEN – Background Green 0–100 %
30. BACKGROUND COLOR BLUE – Background Blue 0–100 %
31. BACKGROUND COLOR LIME – Background Lime 0–100 %
32. RESET – Fixture reset

17 – DMX PROTOCOL

60-CHANNEL DMX MODE (continued)

33. RED 1 – Red 1, linear 0–100 %

34. GREEN 1 – Green 1, linear 0–100 %

35. BLUE 1 – Blue 1, linear 0–100 %

36. LIME 1 – Lime 1, linear 0–100 %

**** _ ****

37. RED 7 – Red 7, linear 0–100 %

38. GREEN 7 – Green 7, linear 0–100 %

39. BLUE 7 – Blue 7, linear 0–100 %

40. LIME 7 – Lime 7, linear 0–100 %

17 – DMX PROTOCOL

21 CHANNEL

DMX channel	Parameter	DMX value	Function
1	Red	0-255	Red 0–100 %
2	Red fine	0-255	Fine Red
3	Green	0-255	Green 0–100 %
4	Green fine	0-255	Fine Green
5	Blue	0-255	Blue 0–100 %
6	Blue fine	0-255	Fine Blue
7	Lime	0-255	Lime 0–100 %
8	Lime fine	0-255	Fine Lime
9	CTO	000-004 005-255	Open CTO 2800 - 6000
10	Macro Color	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129	Open Red Green Blue Spring Yellow Light Green Special Lavender Cyan Meduim Amber Leaf Green Lilac Tinty Madium Yellow Light Pink

17 – DMX PROTOCOL

21 CHANNEL

DMX channel	Parameter	DMX value	Function
10	Macro Color	130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-255	Steel Blue Moody Blue Color Mix 1 Color Mix 2 Color Mix 3 Color Mix 4 Color Mix 5 Color Mix 6
11	Dimming	0-255	Linear Dimmer 0–100 %
12	Dimming fine	0-255	Fine Dimmer
13	Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random strobe slow to fast
14	Pan	0-255	0°-540°
15	Pan fine	0-255	Pan fine

17 – DMX PROTOCOL

21 CHANNEL

DMX channel	Parameter	DMX value	Function
16	Tilt	0-255	0°-270°
17	Tilt fine	0-255	Fine tilt
18	Zoom	0-255	Zoom from 3.5° to 45°
19	Lens rotation	000-155: (000-000 032-032 064-064 096-096 155-155) 156-205 206-255	0~60°: (0° 15° 30° 45° 60°) CW rotate 60°/Sec. CCW rotate -60°/Sec.
20	Dimming Mode	0-49 50-99 100-149 150-255	Mode 1 Mode 2 Mode 3 Mode 4
21	Reset	0-250 251-255	No function Reset. 5 sec.

17 – DMX PROTOCOL

24 CHANNEL

DMX channel	Parameter	DMX value	Function
1	Pan	0-255	0°-540°
2	Pan fine	0-255	Fine Pan
3	Tilt	0-255	0°-270°
4	Tilt fine	0-255	Fine Tilt
5	Pan/Tilt speed	000-255	From fast to slow
6	Zoom	000-255	Zoom from 3.5° to 45°
7	Lens rotation	000-155: (000-000 032-032 064-064 096-096 155-155) 156-205 206-255	0~60°: (0° 15° 30° 45° 60°) CW rotate 60°/Sec. CCW rotate -60°/Sec.
8	Dimmer	0-255	Linear Dimmer 0–100 %
9	Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random strobe slow to fast
10	Red	0-255	Red 0–100 %
11	Green	0-255	Green 0–100 %

17 – DMX PROTOCOL

24 CHANNEL

DMX channel	Parameter	DMX value	Function
12	Blue	0-255	Blue 0–100 %
13	Lime	0-255	Lime 0–100 %
14	CTO	000-004 005-255	Open CTO 2800 - 6000
15	Macro Color	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-255	Open Red Green Blue Spring Yellow Light Green Special Lavender Cyan Meduim Amber Leaf Green Lilac Tinty Madium Yellow Light Pink Steel Blue Moody Blue Color Mix 1 Color Mix 2 Color Mix 3 Color Mix 4 Color Mix 5 Color Mix 6

17 – DMX PROTOCOL

24 CHANNEL

DMX channel	Parameter	DMX value	Function
16	Dynamic Pattern Selection Channel must react to Grand Master in 24 Channel mod	000-009 010-014 015-019 ...-... 105-109 110-114 115-119 ...-... 165-169 170-255	No function Monochrome Dynamic Pattern 1 Monochrome Dynamic Pattern 2 Monochrome Dynamic Pattern 20 Color Dynamic Pattern 1 Color Dynamic Pattern 2 Color Dynamic Pattern 12 Color Dynamic Pattern 13
17	Pattern movement (канала 16)	000-042 043-085 086-128 129-171 172-214 215-255	Position Home Position 2 Position 3 Position 4 Position 5 Position 6
18	Pattern effect speed (канала 16)	000-009 010-132 133-255	No Feature Reverse Fast to Slow Reverse Slow to Fast
19	Background Red	0-255	Linear red background
20	Background Green	0-255	Linear green background
21	Background Blue	0-255	Linear blue background
22	Background Lime	0-255	Linear lime background

17 – DMX PROTOCOL

24 CHANNEL

DMX channel	Parameter	DMX value	Function
23	Dimming mode	0-49 50-99 100-149 150-255	Mode 1 Mode 2 Mode 3 Mode 4
24	Reset	0-250 251-255	No function Reset. 5 sec.

17 – DMX PROTOCOL

32 CHANNEL (DEFAULT)

DMX channel	Parameter	DMX value	Function
1	Pan	0-255	0°-540°
2	Pan fine	0-255	Pan fine
3	Tilt	0-255	0°-270°
4	Tilt fine	0-255	Tilt Fine
5	Pan/Tilt speed	000-255	From fast to slow
6	Zoom	000-255	Zoom from 3.5° to 45°
7	Lens rotation	000-155: (000-000 032-032 064-064 096-096 155-155) 156-205 206-255	0~60°: (0° 15° 30° 45° 60°) CW rotate 60°/Sec. CCW rotate -60°/Sec.
8	Dimmer	0-255	Linear Dimmer 0–100 %
9	Dimmer Fine	0-255	Fine dimmer
10	Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random strobe slow to fast

17 – DMX PROTOCOL

32 CHANNEL (DEFAULT)

DMX channel	Parameter	DMX value	Function
11	Red	0-255	Red 0–100 %
12	Red fine	0-255	Fine red
13	Green	0-255	Green 0–100 %
14	Green fine	0-255	Fine green
15	Blue	0-255	Blue 0–100 %
16	Blue fine	0-255	Fine blue
17	Lime	0-255	Lime 0–100 %
18	Lime Fine	0-255	Fine lime
19	Dimming mode	0-49 50-99 100-149 150-255	Mode 1 Mode 2 Mode 3 Mode 4
20	CTO	000-004 005-255	Open CTO 2800k - 6000k

17 – DMX PROTOCOL

32 CHANNEL (DEFAULT)

DMX channel	Parameter	DMX value	Function
21	Macro Color	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-255	Open Red Green Blue Spring Yellow Light Green Special Lavender Cyan Meduim Amber Leaf Green Lilac Tinty Madium Yellow Light Pink Steel Blue Moody Blue Color Mix 1 Color Mix 2 Color Mix 3 Color Mix 4 Color Mix 5 Color Mix 6
22	Dynamic Pattern Selection	000-009 010-014 015-019 ...-... 105-109 110-114 115-119 ...-... 165-169 170-255	No function Monochrome Dynamic Pattern 1 Monochrome Dynamic Pattern 2 Monochrome Dynamic Pattern 20 Color Dynamic Pattern 1 Color Dynamic Pattern 2 Color Dynamic Pattern 12 Color Dynamic Pattern 13

17 – DMX PROTOCOL

32 CHANNEL (DEFAULT)

DMX channel	Parameter	DMX value	Function
23	Pattern movement (канала 22)	000-042 043-085 086-128 129-171 172-214 215-255	Position Home Position 2 Position 3 Position 4 Position 5 Position 6
24	Pattern effect speed (канала 22)	000-009 010-132 133-255	Stop Speed Fast to Slow Reverse Slow to Fast Reverse"
25	Pattern Effect Fade	000-009 010-255	No Fade Slow to Fast Fade
26	Background Dimmer	0-255	Background Linear Dimmer 0 to 100%
27	Background Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random Strobe Slow to Fast
28	Background Red	0-255	Linear Red Background
29	Background Green	0-255	Linear Green Background
30	Background Blue	0-255	Linear Blue Background
31	Background Lime	0-255	Linear Lime Background
32	Reset	000-250 251-255	No function Reset. 5 sec.

17 – DMX PROTOCOL

60 CHANNEL

DMX channel	Parameter	DMX value	Function
1	Pan	0-255	0°-540°
2	Pan fine	0-255	Fine pan
3	Tilt	0-255	0°-270°
4	Tilt fine	0-255	Fine tilt
5	Pan/Tilt speed	000-255	From fast to slow
6	Zoom	000-255	Zoom from 3.5° to 45°
7	Lens rotation	000-155: (000-000 032-032 064-064 096-096 155-155) 156-205 206-255	0~60°: (0° 15° 30° 45° 60°) CW rotate 60°/Sec. CCW rotate -60°/Sec.
8	Dimmer	0-255	Linear Dimmer 0–100 %
9	Dimmer Fine	0-255	Fine dimmer
10	Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random strobe slow to fast

17 – DMX PROTOCOL

60 CHANNEL

DMX channel	Parameter	DMX value	Function
11	Red	0-255	Red 0–100 %
12	Red ine	0-255	Red fine
13	Green	0-255	Green 0–100 %
14	Green fine	0-255	Green fine
15	Blue	0-255	Blue 0–100 %
16	Blue fine	0-255	Blue fine
17	Lime	0-255	Lime 0–100 %
18	Lime Fine	0-255	Lime fine
19	Dimming mode	0-49 50-99 100-149 150-255	Mode 1 Mode 2 Mode 3 Mode 4
20	CTO	000-004 005-255	Open CTO 2800k - 6000k

17 – DMX PROTOCOL

60 CHANNEL

DMX channel	Parameter	DMX value	Function
21	Macro Color	000-009 010-019 020-029 030-039 040-049 050-059 060-069 070-079 080-089 090-099 100-109 110-119 120-129 130-139 140-149 150-159 160-169 170-179 180-189 190-199 200-255	Open Red Green Blue Spring Yellow Light Green Special Lavender Cyan Medium Amber Leaf Green Lilac Tinty Medium Yellow Light Pink Steel Blue Moody Blue Color Mix 1 Color Mix 2 Color Mix 3 Color Mix 4 Color Mix 5 Color Mix 6
22	Dynamic Pattern Selection	000-009 010-014 015-019 ...-... 105-109 110-114 115-119 ...-... 165-169 170-255	No function Monochrome Dynamic Pattern 1 Monochrome Dynamic Pattern 2 Monochrome Dynamic Pattern 20 Color Dynamic Pattern 1 Color Dynamic Pattern 2 Color Dynamic Pattern 12 Color Dynamic Pattern 13

17 – DMX PROTOCOL

60 CHANNEL

DMX channel	Parameter	DMX value	Function
23	Pattern movement (channel 22)	000-042 043-085 086-128 129-171 172-214 215-255	Position Home Position 2 Position 3 Position 4 Position 5 Position 6
24	Pattern effect speed (channel 22)	000-009 010-132 133-255	Stop Speed Reverse from fast to slow Reverse from slow to fast
25	Pattern Effect Fade	000-009 010-255	No fade Fade from slow to fast
26	Background Dimmer	0-255	Linear background dimmer from 0 to 100%
27	Background Strobe	000-003 004-203 204-255	Open Strobe 1 to 25 flashes/sec Random strobe slow to fast
28	Background Red	0-255	Background red 0–100 %
29	Background Green	0-255	Background green 0–100 %
30	Background Blue	0-255	Background blue 0–100 %
31	Background Lime	0-255	Background Lime 0–100 %
32	Reset	000-250 251-255	No function Reset. 5 sec.

17 – DMX PROTOCOL

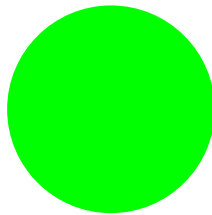
60 CHANNEL

DMX channel	Parameter	DMX value	Function
33	R1 LED Dimming	0-255	Red 1 LED Dimming
24	G1 LED Dimming	0-255	Green 1 LED Dimming
25	B1 LED Dimming	0-255	Blue 1 LED Dimming
26	L1 LED Dimming	0-255	Lime 1 LED Dimming
27	***	***	***
28	R7 LED Dimming	0-255	Red 1 LED Dimming
29	G7 LED Dimming	0-255	Green 1 LED Dimming
30	B7 LED Dimming	0-255	Blue 1 LED Dimming
31	L7 LED Dimming	0-255	Lime 1 LED Dimming

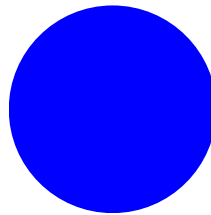
18— MACRO COLOR (CH-10 MODE 1, CH-15 MODE 2 CH-21 MODE 3/4)


1-Red

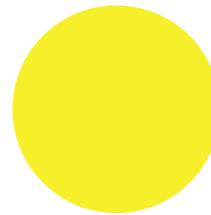
R: 255
G: 000
B: 000


2-Green

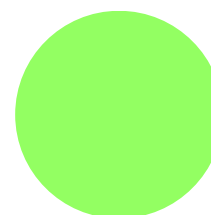
R: 000
G: 255
B: 000


3-Blue

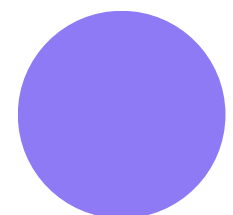
R: 212
G: 112
B: 021


**4-Spring
Yellow**

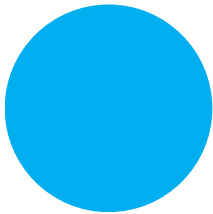
R: 255
G: 255
B: 255


**5-Light
Green**

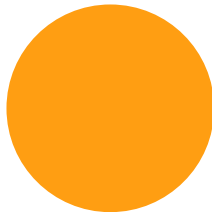
R: 147
G: 255
B: 098


**6-Special
Lavender**

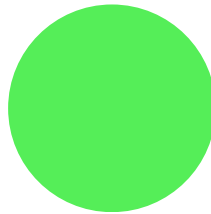
R: 143
G: 122
B: 245


7-Cyan

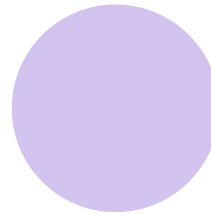
R: 001
G: 174
B: 239


**8-Medium
Amber**

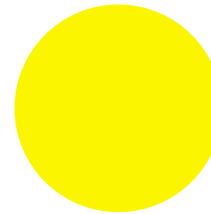
R: 255
G: 158
B: 018


**9-Leaf
Green**

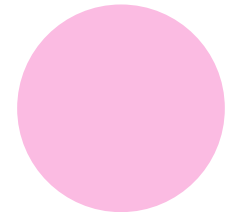
R: 085
G: 238
B: 088


10-Lilac Tint

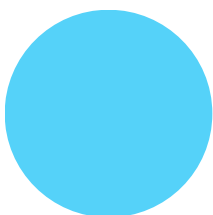
R: 211
G: 196
B: 239


**11-
Medium Yellow**

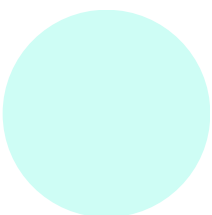
R: 251
G: 246
B: 000


12-Light Pink

R: 251
G: 187
B: 226

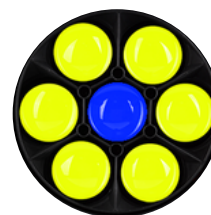

13-Steel Blue

R: 085
G: 210
B: 249


**14-Moody
Blue**

R: 206
G: 253
B: 245


**15-Color
Mix 1**

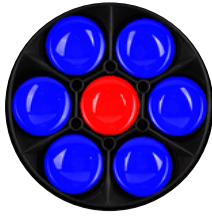
**16-Color
Mix 2**

**17-Color
Mix 3**

**18-Color
Mix 4**

**18— MACRO COLOR (CH-10 MODE 1, CH-15 MODE 2
CH-21 MODE 33/81**



**19-Color
Mix 5**



**18-Color
Mix 6**

19— DYNAMIC PATTERN SELECTION (CH-16 MODE 2, CH-22 MODE 3/4)



Pattern 1



Pattern 4



Pattern 3



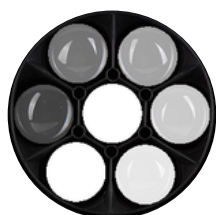
Pattern 4



Pattern 5



Pattern 6



Pattern 7



Pattern 8



Pattern 9



Pattern 10



Pattern 11



Pattern 12



Pattern 13



Pattern 14



Pattern 15



Pattern 16



Pattern 17



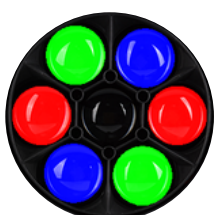
Pattern 18



Pattern 19



Pattern 20



Color Mix 1



Color Mix 2



Color Mix 3



Color Mix 4



Color Mix 5



Color Mix 6



Color Mix 7



Color Mix 8



Color Mix 9



Color Mix 10

19— DYNAMIC PATTERN SELECTION (CH-16 MODE 2, CH-22 MODE 3/4)



Color Mix 11 Color Mix 12 Color Mix 13

20 – WARRANTY CARD

Product Information

- Model: WASH 0740B RGBL
- Serial Number:
- Date of Sale:
- Seller:

2. Warranty Conditions

- The warranty is valid for 12 months from the date of purchase.
- It covers factory defects and malfunctions not caused by external factors.
- Warranty repairs are carried out at authorized service centers.

3. The warranty does not cover:

- Mechanical damage caused by improper handling.
- Breakdowns caused by incorrect connections or network overloads.
- Ingress of moisture, dust, or foreign objects inside the device.
- Unauthorized repairs and modifications.

20 – WARRANTY CARD

4. Service Conditions

- To obtain warranty repairs, you must provide the completed warranty card and a receipt or other payment document.
- The repair time depends on the complexity of the malfunction.

5. Service Center Contact Information

- 📍 • Address: Petropavlovsk, Abay St. 29, Office 301
- ☎ • Phone: +7 (7152) 63 04 04
- 💬 • WhatsApp: +7(776) 2390086
- ✉ • Email: info@prstage.pro

- Customer's signature: _____

- Seller's stamp:

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