

**MarCum RC5**

# **Marcum Recon 5 Underwater Camera Viewing System User Manual**

Model: RC5

## **INTRODUCTION**

The Marcum Recon 5 is a compact, pocket-sized underwater viewing system designed for anglers. It incorporates cutting-edge technology to provide clear underwater visibility, making it an essential tool for various fishing conditions. This manual provides detailed instructions for the setup, operation, maintenance, and troubleshooting of your Recon 5 system.

## **SAFETY INFORMATION**

It is crucial to read and understand all safety warnings before operating the Marcum Recon 5. Failure to do so may result in injury or damage to the product.

- Do not immerse the battery in water or sea water.
- Keep the battery in a cool, dry place when not in use.
- Do not use or leave the battery near a heat source (e.g., heater, fire).
- Use the battery charger only as directed when recharging.
- Do not reverse the positive and negative terminals on the battery connections.
- Do not discard the battery in a fire, furnace, or other combustible space.
- Do not connect the battery directly to an electrical outlet.
- Do not short-circuit the battery by directly connecting the positive and negative terminals with metal objects.
- Do not directly solder the battery or pierce the battery with a nail or other sharp objects.
- If the battery gives off an odor, generates heat, becomes discolored, or in any way appears abnormal during use, or while charging or discharging, immediately stop using it.
- If the battery leaks and the battery contents (electrolyte) get into an eye, do not rub the eye. Instead, flush the eye(s) with clean water and immediately seek medical attention, or it may result in injury to the eye(s).
- Do not use the battery in a location where static electricity or magnetic fields are great, or it may result in damage to the battery safety devices.
- Do not leave the battery in high temperatures (e.g., in direct sunlight or in extremely hot weather), or it may overheat, and its performance will be degraded, and service life decreased.
- Tape the battery terminals prior to disposal to insulate them, as discarded batteries may cause fire or explosion.

## **KEY FEATURES**

- 5-inch widescreen flat panel 16:9 aspect ratio, Hi-res color LCD.
- Camera with CMOS sensor, Darkwater LED, and Infrared lighting.
- 90-degree field of view with color kill feature.
- 50-foot camera cable and on-screen battery status.
- Lithium battery with approximately 6 hours of run time.
- Display adjustments for brightness, contrast, and sharpness.

## SETUP

Before first use, ensure the battery is fully charged. Connect the camera cable to the main unit. The system is designed for quick deployment.



Figure 1: The Marcum Recon 5 Underwater Camera Viewing System, showing the main display unit and the attached camera with its cable.

## Initial Power On

1. Ensure the camera cable is securely connected to the main display unit.
2. Press and hold the power button located on the display unit until the screen illuminates.
3. The display will show the underwater view from the camera.

# OPERATING INSTRUCTIONS

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## Deploying the Camera

Carefully lower the camera into the water. The 50-foot cable allows for significant depth. Adjust the camera's position to achieve the desired viewing angle. The 90-degree field of view provides a wide perspective.

## Display Adjustments

- **Brightness:** Use the designated buttons to increase or decrease screen brightness for optimal viewing in various light conditions.
- **Contrast:** Adjust the contrast to enhance the distinction between light and dark areas on the screen.
- **Sharpness:** Fine-tune the sharpness to improve the clarity of the underwater image.
- **Color Kill:** This feature allows switching between color and black & white display modes, which can be useful in murky water conditions to improve visibility.

## Lighting Features

The camera is equipped with Darkwater LED and Infrared lighting to assist in low-light or dark water environments. Activate these features via the control panel buttons as needed.

## MAINTENANCE

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- After each use, thoroughly clean the camera lens and display screen with a soft, damp cloth.
- Ensure all components are dry before storing the unit.
- Store the Recon 5 in a cool, dry place, away from direct sunlight and extreme temperatures.
- Regularly check the camera cable for any signs of wear or damage.
- Keep the battery charged, especially during long periods of storage, to maintain its lifespan.

## TROUBLESHOOTING

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- **No Power:** Check battery charge. Ensure all connections are secure.
- **No Image on Screen:** Verify camera cable connection. Check for obstructions on the camera lens. Ensure the unit is powered on.
- **Poor Image Quality:** Adjust brightness, contrast, and sharpness settings. Clean the camera lens. Consider using the color kill feature in murky water.
- **Short Battery Life:** Ensure the battery is fully charged before use. Battery performance can be affected by extreme cold.

## SPECIFICATIONS

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Feature	Detail
Brand	MarCum
Model Name	RC5
Power Source	Battery Powered

Screen Size	5 Inches (Note: JSON says 1 inch, but feature bullets say 5 inch. Going with 5 inch as it's more likely for a viewing system)
Display Type	LCD
Item Weight	2 Pounds
Mounting Type	Surface Mount
UPC	857224002750
Item Package Dimensions	8.7 x 5.91 x 4.72 inches
Material	Synthetic
Field of View	90 degrees
Cable Length	50 feet
Battery Life	Approx. 6 hours

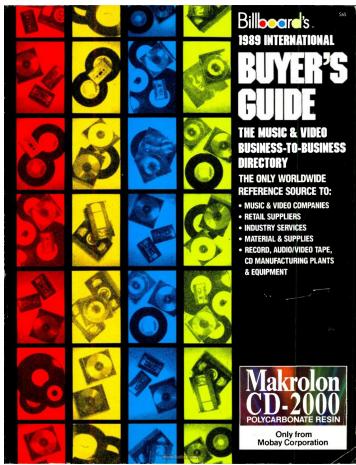
## WARRANTY & SUPPORT

The Marcum Recon 5 Underwater Camera Viewing System comes with a Manufacturer Warranty. For specific details regarding warranty coverage, claims, or technical support, please refer to the official MarCum website or contact their customer service directly.

For further assistance, visit the [MarCum Store on Amazon](#).

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Documents - MarCum – RC5



[1989 Billboard International Buyer's Guide: Music & Video Industry Directory](#)

A comprehensive directory of the music and video industry for 1989, listing companies, suppliers, services, manufacturing plants, and materials. Features information on CD replication, tape manufacturing, and retail suppliers.

lang:en score:15 filesize: 30.68 M page\_count: 316 document date: 2024-07-28