

AK Interactive RC214

AK Interactive Real Color Air Paint RC214 Light Grey Instruction Manual

Model: RC214

1. INTRODUCTION

This manual provides essential instructions for the proper use and care of AK Interactive Real Color Air Paint, specifically the RC214 Light Grey (Lichtgrau) shade. This product is a high-quality acrylic lacquer paint designed for model building and hobby applications, formulated for smooth airbrush application and excellent adhesion.



Image 1.1: A 10ml bottle of AK Interactive Real Color Air Paint in Light Grey (Lichtgrau), model RC214, with a black ribbed cap. The label clearly displays "LICHTGRAU LIGHT GREY" and the AK Interactive logo.

2. SETUP AND PREPARATION

Before application, proper preparation of the paint and equipment is crucial for optimal results.

2.1. Paint Preparation

- Shake Well:** Thoroughly shake the paint bottle for at least one minute to ensure all pigments are evenly mixed. The paint should have a consistent color and texture.
- Thinning:** This paint is designed for airbrush use and may require thinning. Use AK-Interactive's specific thinner for acrylic lacquer paints, or a compatible thinner from other manufacturers. Start with a thinning ratio of 1 part paint to 1-2 parts thinner, adjusting as needed for your airbrush and desired consistency. The paint should flow smoothly without clogging.
- Test Spray:** Always perform a test spray on a scrap piece of material to check consistency, color, and airbrush performance before applying to your model.

2.2. Workspace and Safety

- Ensure your workspace is well-ventilated.
- Wear appropriate personal protective equipment, including a respirator mask and gloves, to avoid inhaling paint fumes and skin contact.
- Protect your work surface from overspray.

3. OPERATING INSTRUCTIONS (AIRBRUSH APPLICATION)

Follow these guidelines for effective airbrush application of AK Interactive Real Color Air Paint.

1. **Air Pressure:** Recommended air pressure typically ranges from 15-25 PSI (1.0-1.7 bar), depending on your airbrush, needle size, and paint consistency. Adjust to achieve a fine mist without sputtering.
2. **Application Technique:**
 - Hold the airbrush approximately 5-10 cm (2-4 inches) from the surface.
 - Apply paint in thin, even coats. Avoid applying too much paint at once to prevent pooling or runs.
 - Overlap each pass slightly to ensure uniform coverage.
3. **Drying Time:** The paint dries quickly to the touch, typically within minutes. Allow sufficient time between coats (5-15 minutes) for optimal adhesion and to prevent lifting. Full cure time may vary but is generally within 24 hours.
4. **Layering:** Multiple thin coats are preferable to one thick coat for a smoother finish and better detail preservation.

4. MAINTENANCE AND STORAGE

4.1. Airbrush Cleaning

- Clean your airbrush immediately after each use with the appropriate lacquer thinner or airbrush cleaner.
- Flush the airbrush thoroughly until no paint residue is visible.
- Disassemble and clean components (needle, nozzle, cap) periodically for deep cleaning and to prevent clogs.

4.2. Paint Storage

- Store the paint bottle upright in a cool, dry place, away from direct sunlight and extreme temperatures.
- Ensure the cap is tightly sealed to prevent the paint from drying out or thickening.
- Keep out of reach of children and pets.

5. TROUBLESHOOTING

Problem	Possible Cause	Solution
Airbrush Clogging	Paint too thick, insufficient cleaning, dried paint in nozzle.	Thin paint further, clean airbrush thoroughly after each use, perform deep cleaning of nozzle and needle.
Poor Adhesion / Lifting	Surface not clean, paint applied too thickly, insufficient drying time between coats.	Ensure surface is clean and free of oils/dust. Apply thinner coats. Allow adequate drying time between coats.
Uneven Finish / Orange Peel	Paint too thick, air pressure too high/low, airbrush held too far from surface.	Adjust thinning ratio. Optimize air pressure. Hold airbrush closer to the surface.

Problem	Possible Cause	Solution
Paint Sputtering	Paint too thick, low air pressure, partial clog, loose nozzle.	Thin paint, increase air pressure, clean airbrush, check nozzle for tightness.

6. PRODUCT SPECIFICATIONS

Feature	Detail
Brand	AK Interactive
Model Number	RC214 (amz-AK-RC214)
Color	Light Grey (Lichtgrau)
Paint Type	Acrylic Lacquer
Item Volume	10 Milliliters
Indoor/Outdoor Usage	Indoor, Outdoor
Coverage	Full
Product Dimensions	1 x 1.5 x 1 inches
Item Weight	1.76 ounces

7. WARRANTY AND SUPPORT


Specific warranty information for AK Interactive Real Color Air Paint is not provided in the product data. For detailed warranty terms or technical support, please refer to the official AK Interactive website or contact their customer service directly.

When contacting support, please have your product model number (RC214) and purchase details available.

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This manual is for informational purposes only. AK Interactive is not responsible for any damage or injury resulting from improper use of this product.

Related Documents - RC214

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