

Rotring Rotring 600 (Model 2164108)

Rotring 600 3-in-1 Pen and Mechanical Pencil Instruction Manual

Model: Rotring 600 (2164108) | Brand: Rotring

INTRODUCTION

This manual provides instructions for the Rotring 600 3-in-1 Multicolor Pen and Mechanical Pencil. This writing instrument offers three modes: two ballpoint pen colors and one mechanical pencil lead. It is designed for technical writing, sketching, and drafting. The pen features a full metal body, a hexagonal shape to prevent rolling, and a metal knurled grip for secure handling. The mechanical pencil includes a fixed lead guidance sleeve to minimize breakage and an adjustable lead hardness grade indicator. The pen comes with black and red ballpoint refills and 0.5mm lead.

Key Features

- 3-in-1 multicolor pen and mechanical pencil for quick mode changes.
- Brass mechanism for precise lead advancement.
- Fixed lead guidance sleeve to prevent breakage and provide a clear view for ruler-based drawing.
- Hexagonal barrel for fatigue-free writing and drawing, preventing rolling on inclined surfaces.
- Metal knurled grip for secure handling.

PACKAGE CONTENTS

The Rotring 600 3-in-1 Multicolor Pen and Mechanical Pencil package includes:

- 1 x Rotring 600 3-in-1 Multicolor Pen and Mechanical Pencil (Black Barrel)
- Pre-installed black and red ballpoint refills
- Pre-installed 0.5mm mechanical pencil lead
- Instruction Manual



Image: Rotring 600 3-in-1 Multicolor Pen and Mechanical Pencil.

SETUP

Refilling Ballpoint Pen Cartridges

1. Gently twist the barrel of the pen counter-clockwise to separate the upper and lower sections.
2. Carefully remove the empty D1-size ballpoint refill.
3. Insert a new D1-size ballpoint refill into the designated slot. Ensure it is seated correctly.
4. Align the upper and lower sections and twist clockwise to secure the pen.

Refilling Mechanical Pencil Lead

1. Remove the eraser cap from the top of the pencil.
2. Carefully pull out the small eraser.
3. Insert 0.5mm lead refills into the opening. Do not overfill.
4. Replace the eraser and the eraser cap.

OPERATING INSTRUCTIONS

Switching Between Writing Modes

The Rotring 600 3-in-1 features a convenient twist-and-click mechanism to select your desired writing mode:

1. Hold the pen with the desired mode indicator (e.g., red dot for red ink, black dot for black ink, or 0.5 for pencil) facing upwards.
2. Twist the knurled top section of the barrel to extend the writing tip.
3. To retract the tip, twist the knurled top section in the opposite direction until the tip is fully withdrawn.

Writing and Drawing

- The hexagonal barrel provides a comfortable and secure grip, reducing hand fatigue during extended use.
- The fixed lead guidance sleeve on the mechanical pencil ensures stability and prevents lead breakage, offering a clear view of the page for precise work.
- The metal knurled grip enhances control and prevents slipping.

Video: Demonstrates the Rotring 600 Ballpoint pen's twist mechanism and writing functionality.

MAINTENANCE

- **Cleaning:** Wipe the pen's metal body with a soft, dry cloth to remove dust and smudges. Avoid using harsh chemicals or abrasive materials.
- **Storage:** Store the pen in a protective case or a designated pen holder to prevent scratches and damage. Ensure the tip is retracted when not in use.
- **Lead Management:** Avoid applying excessive pressure when writing with the mechanical pencil to prevent lead breakage.

TROUBLESHOOTING

- **Pen not writing:** Check if the ballpoint refill is empty. Replace if necessary. Ensure the tip is fully extended.
- **Pencil lead not advancing:** Check if the lead chamber is empty. Insert new 0.5mm lead. Ensure the lead is not jammed or broken inside the mechanism.
- **Mechanism feels stiff:** Ensure no debris is obstructing the twist mechanism. Gently clean the barrel connections.
- **Pen rolling off surfaces:** The hexagonal barrel is designed to minimize rolling. Ensure the surface is not excessively inclined.

SPECIFICATIONS

Feature	Detail
Product Dimensions	0.6 x 14.2 x 0.6 cm

Item Weight	32 g
Manufacturer	Rotring
Item Model Number	2164108
Writing Instrument Form	3-in-1 Multicolor Pen and Mechanical Graphite Pencil
Colour	Black
Ink Colour	Multicolor (Black, Red)
Lead Size	0.5mm
Drill Point	Fine, ball tip
Additional Features	Adjustable lead hardness indicator
Grip Type	Knurled
Body Shape	Hexagonal
Material Type	Metal
Closure Type	Retractable
Recommended Uses	Drawing, Writing

WARRANTY AND SUPPORT

This product is sold without an explicit warranty. For any product-related inquiries or support, please contact Rotring customer service through their official website or authorized retailers.