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## Maclean MC-213

# Maclean MC-213 100-inch 16:10 Portable Floor Projection Screen User Manual

Model: MC-213

## INTRODUCTION

Thank you for choosing the Maclean MC-213 100-inch 16:10 Portable Floor Projection Screen. This screen is designed for both professional presentations and home entertainment, offering a convenient and high-quality viewing experience. Its portable design with a carrying handle allows for easy transport and setup in various locations. This manual provides essential information for the safe and effective use of your projection screen.

## SAFETY INFORMATION

Please read and understand all safety instructions before using the product. Failure to follow these instructions may result in injury or damage to the product.

- Always place the projection screen on a stable, flat surface to prevent tipping.
- Keep the screen away from direct sunlight, heat sources, and open flames.
- Avoid contact with water or other liquids. Do not use in damp environments.
- Do not attempt to disassemble or modify the screen. Repairs should only be performed by qualified personnel.
- Keep out of reach of children and pets.
- Handle the screen carefully during setup and retraction to avoid pinching fingers or damaging the mechanism.

## PACKAGE CONTENTS

Verify that all components are present in the package:

- Maclean MC-213 100-inch 16:10 Portable Floor Projection Screen
- User Manual

## PRODUCT FEATURES

- **Easy Setup:** Features a scissor articulation mechanism for quick assembly and disassembly.
- **Durable Construction:** Robust design with an elegant black metal cassette for enhanced durability and protection against damage and dust.
- **High-Quality Screen Material:** Made from flame-retardant material, ensuring safety and high performance.
- **Optimal Viewing Surface:** Matte white projection surface with 1.0 G reflectance for excellent visual clarity.
- **Enhanced Contrast:** Black borders improve the perception of projected image quality by increasing contrast.
- **Portable Design:** Integrated carrying handle for easy transport.
- **Dimensions:** 100-inch diagonal screen with a 16:10 aspect ratio. Viewing surface measures 213 x 133 cm.

## SETUP

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Follow these steps to set up your Maclean MC-213 projection screen:

1. **Position the Screen:** Place the screen's metal cassette on a flat, stable surface where you intend to project. Ensure there is enough clear space around the screen for full extension.
2. **Open the Case:** Locate the latches or clips on the top of the metal cassette and release them to open the case.
3. **Extend the Screen:** Gently pull the screen upwards from the cassette. The scissor articulation mechanism will extend, supporting the screen. Continue pulling until the screen reaches the desired height and locks into place.
4. **Secure the Screen:** Ensure the screen is fully extended and stable. The locking mechanism at the top will hold the screen in its upright position.



**EASY TO  
assemble** 

Maclean MC-213 projection screen deployed in a classroom setting, highlighting easy assembly.

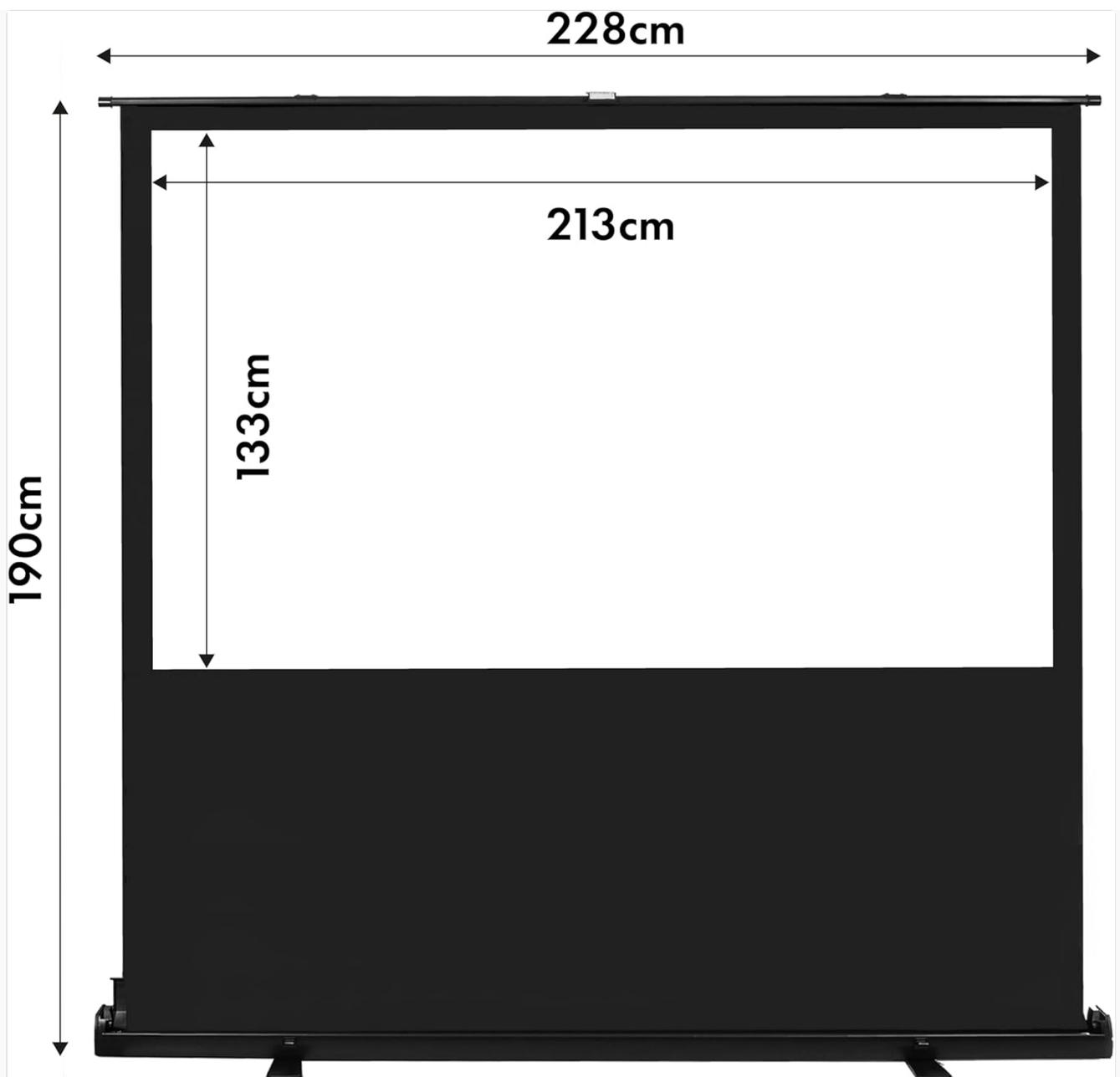


Diagram showing the dimensions of the Maclean MC-213 100-inch projection screen (228cm width, 190cm height, 213cm x 133cm viewing area).

## OPERATING

Once the screen is set up, you can begin your projection:

1. **Projector Placement:** Position your projector at an appropriate distance and angle to fill the screen evenly.
2. **Adjust Image:** Use your projector's focus, zoom, and keystone correction features to achieve a clear, rectangular image on the screen. The matte white surface and black borders are designed to optimize image quality.
3. **Retracting the Screen:** To retract the screen, gently press the release mechanism (usually a button or lever at the top of the screen frame). Guide the screen slowly back into its metal cassette. Do not let it snap back quickly, as this can damage the mechanism or screen material.
4. **Close the Case:** Once fully retracted, close the latches or clips on the metal cassette to secure it for transport or storage.



**4K**  
ULTRAHD

 **80"**

Children watching a movie on a projection screen, demonstrating home theater use.



Maclean MC-213 100-inch projection screen fully extended, showing the full viewing area.

## MAINTENANCE

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Proper maintenance ensures the longevity and optimal performance of your projection screen:

- **Cleaning the Screen Surface:** Use a soft, lint-free cloth lightly dampened with water to gently wipe the screen surface. Do not use abrasive cleaners, solvents, or harsh chemicals, as these can damage the screen material. Avoid excessive rubbing.
- **Cleaning the Case:** Wipe the metal cassette with a dry or slightly damp cloth to remove dust and dirt.
- **Storage:** When not in use, always retract the screen fully into its protective metal cassette. Store the screen in a cool, dry place, away from direct sunlight and extreme temperatures.
- **Mechanism Check:** Periodically check the scissor articulation mechanism for any obstructions or signs of wear. Ensure smooth operation during extension and retraction.

## TROUBLESHOOTING

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Here are solutions to common issues you might encounter:

Problem	Possible Cause	Solution
Screen does not extend or retract smoothly.	Mechanism obstruction or damage.	Check for any foreign objects obstructing the mechanism. Ensure the screen is pulled/retracted straight. Do not force the mechanism. If the issue persists, contact support.
Image appears distorted or blurry.	Projector focus/keystone, screen wrinkles.	Adjust your projector's focus and keystone settings. Ensure the screen is fully extended and taut. Minor wrinkles typically flatten out over time with use.
Dust or marks on the screen surface.	Accumulated dust or smudges.	Gently wipe the screen with a soft, lint-free cloth dampened with water. Avoid harsh chemicals.

## SPECIFICATIONS

Feature	Detail
Brand	Maclean
Model	MC-213
Screen Type	Floor/Stand
Surface Type	Matte White
Reflectance	1.0 G
Diagonal Size	100 inches
Aspect Ratio	16:10
Viewing Surface Dimensions (W x H)	213 x 133 cm
Unfolded Dimensions (W x H)	228 x 190 cm
Folded Dimensions (W x D x H)	228 x 13 x 12 cm
Screen Material	Flame-retardant
Case Material	Metal (Black)

## WARRANTY INFORMATION

This Maclean MC-213 projection screen comes with a 2-year manufacturer's warranty. Please retain your proof of purchase for warranty claims. The warranty covers defects in materials and workmanship under normal use. It does not cover damage caused by misuse, accidents, unauthorized modifications, or improper installation.

## SUPPORT

For further assistance, technical support, or warranty inquiries, please visit the official Maclean website or contact your local retailer. You can find contact information and additional resources on the manufacturer's website.

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