

## ClearView MM-F-WF-ABV-WI-FI-5G-X11

# ClearView Anti-bacterial, Anti-viral, Anti-fingerprint LCD Protective Film User Manual

For NEC Speed Wi-Fi 5G X12 / Speed Wi-Fi 5G X11

Brand: ClearView | Model: MM-F-WF-ABV-WI-FI-5G-X11

## 1. INTRODUCTION

This user manual provides essential information for the proper installation, use, and maintenance of your ClearView Anti-bacterial, Anti-viral, Anti-fingerprint LCD Protective Film. This high-quality film is designed specifically for the NEC Speed Wi-Fi 5G X12 and Speed Wi-Fi 5G X11 devices, offering superior protection and enhanced hygiene for your device's display.

## 2. PRODUCT FEATURES

The ClearView protective film incorporates advanced technology to provide comprehensive screen protection and user comfort. Key features include:

- **Transparent Clear Type:** Maintains the original clarity and brightness of your device's display.
- **Hard Coat Specification:** Protects against dust and scratches, ensuring durability.
- **Anti-fingerprint:** Designed to resist fingerprints, and allows for easy wiping if smudges occur.
- **Bubble-less Application:** Utilizes a special silicone adhesive that naturally releases air, making bubble formation difficult during application.
- **Repositionable:** The special silicone adhesive allows for re-application if needed, ensuring a perfect fit.
- **Anti-bacterial Properties:** Reduces bacteria by over 99% within 1 hour and over 99.99% within 24 hours, verified by JIS Z 2801.
- **Anti-viral Properties:** Exhibits high anti-viral characteristics, verified by JIS R1706 and R1756. Silver ions are continuously supplied from within the film to maintain this effect.
- **Made in Japan:** Manufactured with high-grade materials and precision in Japan, ensuring reliable quality.



本製品は、光沢タイプです



気泡レス



抗菌・抗ウイルス

(アンチバクテリア/アンチウイルス)



指紋がつきにくい

*Image: Overview of the ClearView film's key features, including its glossy finish, bubble-less application, anti-bacterial and anti-viral properties, and resistance to fingerprints.*

# 「気泡レス」

特殊シリコン樹脂を使用しており、  
自然にエアが抜け液晶画面に気泡が入りにくい。

PET層

シリコン層

## 特殊シリコン粘着のメカニズム

特殊シリコン粘着剤(液滴)は、気泡を巻き込まずに  
漏れ広がることにより液晶画面などに自然に貼り付いていく



指などで気泡を押しつぶすと、気泡が微細化し  
シリコン樹脂層に同化します。光が反射せずに透過します。



フィルム本体  
気泡レス対策シリコン層  
液晶画面等

Image: Detailed illustration of the special silicone adhesive layer that allows air to escape naturally, preventing bubbles during installation. It also shows how pressing on bubbles causes them to micro-emulsify and disappear.

## 抗菌性試験方法・抗菌効果



### 【抗菌】

JIS専門機関の抗菌試験において、細菌が1時間後には99%以上、24時間後には99.99%以上減少します。

※JIS Z 2801 検証

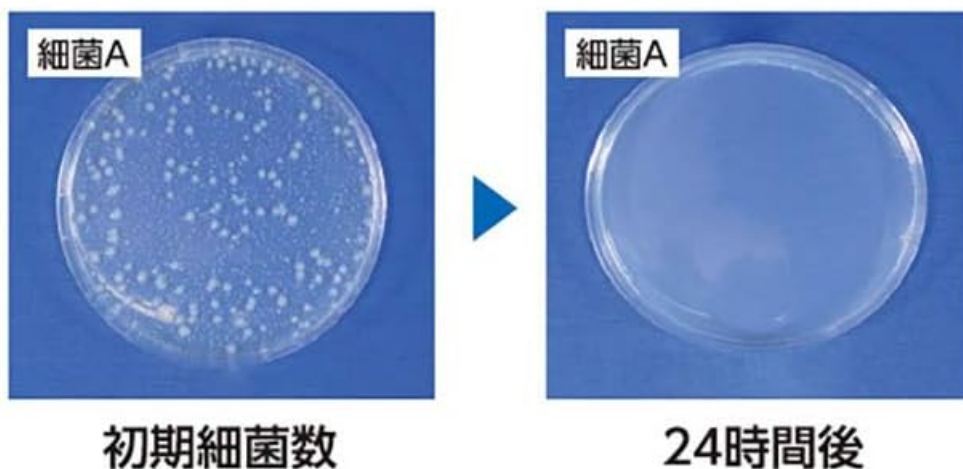


Image: Depiction of the film's silver ion technology, which continuously supplies silver ions from within the film to reduce bacteria and viruses on the screen surface by over 99.99%.



# 耐指紋性



耐指紋性HC

通常のHC

指紋がつきにくく、指紋がついても見えにくい優れた耐指紋性。  
また、優れた指紋拭き取り性が特長です。

*Image: A side-by-side comparison demonstrating the superior anti-fingerprint resistance of the ClearView film (left) versus a conventional film (right), showing significantly fewer visible fingerprints.*

## 3. SETUP (INSTALLATION GUIDE)

Follow these steps carefully for optimal application of your ClearView protective film:

1. **Prepare Your Device:** Ensure your NEC Speed Wi-Fi 5G X12 or X11 device is powered off. Thoroughly clean the screen surface using a microfiber cloth to remove any dust, smudges, or debris. For best results, use a screen cleaning solution if available, and ensure the screen is completely dry before proceeding.
2. **Align the Film:** Carefully peel back a small portion of the protective layer (liner) from the adhesive side of the film. Align the exposed adhesive edge of the film with one edge of your device's screen. Take care to match the cutouts for buttons or sensors precisely.
3. **Apply the Film:** Slowly and steadily peel off the rest of the liner while simultaneously applying the film to the screen. Use a soft card (like a credit card wrapped in a cloth) or your finger to gently press down the film, working from the aligned edge towards the opposite side. This helps to push out air bubbles as you go.
4. **Remove Bubbles:** Due to the special silicone adhesive, most small bubbles will naturally dissipate within 24-48 hours. For larger or persistent bubbles, gently push them towards the nearest edge of the film using a soft cloth or the soft card. If a bubble is stubborn, you can carefully lift the nearest corner of the film and re-apply that section. The film is designed to be

repositionable.

5. **Final Touches:** Once the film is fully applied and bubbles are removed, gently wipe the surface of the film with a clean, dry microfiber cloth to remove any remaining smudges or dust.



*Image: The ClearView protective film precisely cut and applied to the display of a compatible NEC Speed Wi-Fi 5G device, demonstrating its perfect fit.*

## 4. OPERATING (USAGE)

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Once installed, your ClearView protective film operates passively to enhance your device experience:

- **Screen Protection:** The film acts as a barrier, protecting your device's screen from daily wear and tear, including scratches and minor impacts.
- **Maintained Touch Sensitivity:** The ultra-thin design ensures that the touch sensitivity and responsiveness of your device's screen remain unaffected.
- **Hygienic Surface:** The integrated anti-bacterial and anti-viral properties continuously work to keep your screen cleaner and safer, especially important for devices used frequently or by multiple individuals.
- **Reduced Fingerprints:** Enjoy a clearer view with significantly reduced fingerprint smudges, thanks to the anti-fingerprint coating.

## 5. MAINTENANCE

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To keep your ClearView protective film in optimal condition:

- **Cleaning:** Wipe the film surface gently with a clean, soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen cleaner designed for electronics. Avoid harsh chemicals or abrasive materials.
- **Fingerprint Removal:** The anti-fingerprint coating makes smudges easy to wipe away. A simple wipe with a microfiber cloth is usually sufficient.
- **Avoid Sharp Objects:** While the film offers scratch protection, avoid direct contact with sharp objects to prevent damage to

the film itself.

## 6. TROUBLESHOOTING

Here are solutions to common issues you might encounter:

Issue	Possible Cause	Solution
Bubbles under the film	Dust particles trapped during application, or insufficient pressure during initial application.	For small bubbles, wait 24-48 hours for them to naturally dissipate. For larger bubbles, gently push them towards the edge with a soft card. If necessary, carefully lift the nearest corner of the film and re-apply that section after ensuring no dust is present.
Film not adhering properly at edges	Dust or oil on the screen edge, or improper alignment.	Carefully lift the affected edge, clean the screen thoroughly, and re-apply, ensuring firm pressure along the edges.
Fingerprints visible despite anti-fingerprint feature	Accumulation of natural oils from prolonged use.	Wipe the screen with a clean, soft microfiber cloth. The anti-fingerprint coating makes them easy to remove.

## 7. SPECIFICATIONS


Brand	ClearView
Manufacturer	Mobilemart
Model Number	MM-F-WF-ABV-WI-FI-5G-X11
Compatible Devices	NEC Speed Wi-Fi 5G X12 / Speed Wi-Fi 5G X11 (NAR01, NAR03)
Product Dimensions (L x W x H)	15.2 x 0.4 x 21.3 cm
Product Weight	50 g
Material	Polyethylene terephthalate (PET)
Surface Description	Glossy
Special Features	Anti-bacterial, Anti-viral, Anti-fingerprint, Bubble-less, Repositionable, Hard Coat

## 8. WARRANTY AND SUPPORT

ClearView products are manufactured with high standards of quality. While specific warranty details are not provided in this manual, customer satisfaction is a priority. In case of any issues with the product or its application, please contact the seller, Mobilemart, through the Amazon platform. Based on customer feedback, Mobilemart is known for responsive support and may offer replacements for application difficulties.

For further assistance, please refer to the seller's information on the product page or your order details on Amazon.co.jp.

Related Documents

	<p><a href="#">Clearview IM II Infectious Mononucleosis Rapid Test Kit Instructions</a></p> <p>Comprehensive instructions for the Clearview IM II rapid test kit, designed for the qualitative detection of Infectious Mononucleosis heterophile antibodies in whole blood, serum, or plasma. Includes intended use, principle, specimen collection, directions for use, interpretation of results, and performance characteristics.</p>
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