

## ClearView PKG-M900SC

# ClearView LCD Protective Film for Alpine PKG-M900SC Rear Vision Display

Model: PKG-M900SC | Brand: ClearView

## INTRODUCTION

This manual provides essential instructions for the installation, operation, maintenance, and troubleshooting of your ClearView LCD Protective Film, specifically designed for the Alpine PKG-M900SC Rear Vision Display. Please read this manual thoroughly before installation to ensure optimal performance and longevity of the product.

## PRODUCT FEATURES

The ClearView LCD Protective Film offers five key functions to enhance your viewing experience and protect your display:

- **Shock Absorption:** This film features a 3-layer hard-coat structure, approximately 0.3mm thick, designed to absorb and mitigate impacts, protecting your display from damage.
- **Blue Light Cut:** Engineered to be gentle on the eyes, this film cuts an average of over 32% of blue light (wavelengths 380-500nm) emitted from LED backlit LCD displays. It maintains a milky white tint without yellowing, ensuring a clear view with 90% transmittance.
- **Anti-Reflection (Anti-Glare):** The anti-glare effect significantly reduces reflections from external light sources such as sunlight and fluorescent lamps, improving visibility.
- **Antibacterial:** An antibacterial treatment helps keep your screen clean and hygienic by inhibiting bacterial growth.
- **Bubble-less Application:** Utilizing a special silicone adhesive, this film allows air to escape naturally during application, making it easy to achieve a bubble-free finish on your LCD screen. The adhesive strength remains stable with temperature changes.

## 商品構造

# 安心の 5大機能タイプ

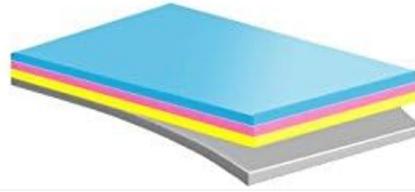
ブルーライトカット

衝撃吸収

反射防止

抗菌

気泡レス



ハードコーティング層  
(ブルーライトカット・抗菌)

PET (透明タイプ)

特殊シリコン樹脂  
(衝撃吸収層)

セパレーター (ライナー)

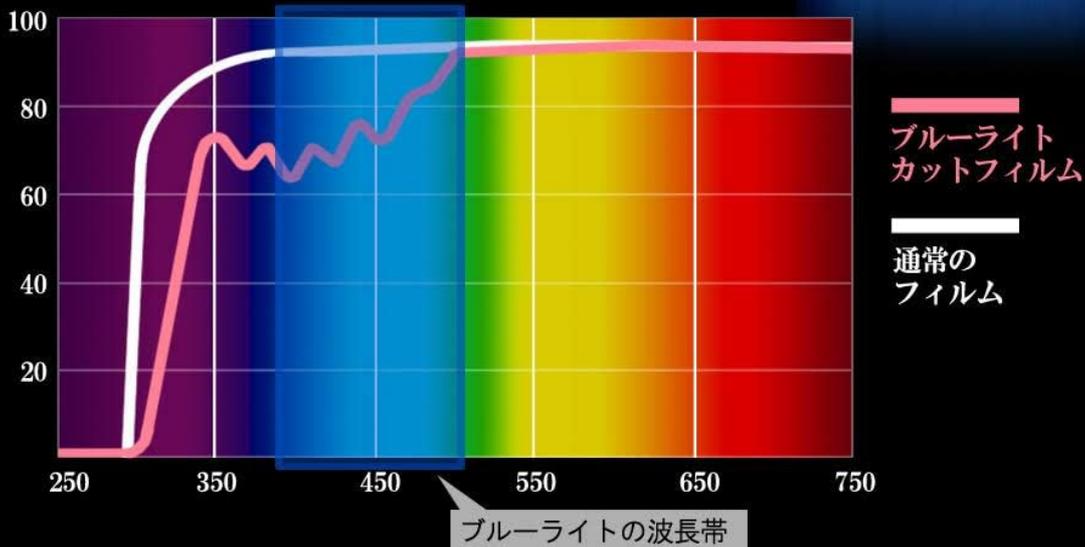
Image: This diagram illustrates the multi-layer construction of the ClearView protective film, highlighting its five main functions: blue light cut, shock absorption, anti-reflection, antibacterial properties, and bubble-less application. The layers include a hard coating, PET layer, special silicone adhesive, and a separator.

# 大切な目を、守るために。

眼精疲労の原因となる380~495ナノメートルの波長帯を大幅カット！

Clear View

# ブルーライトカットフィルム



ブルーライトとは、波長が380~495nm (ナノメートル) 前後の青色光のこと。人間の目で見ることのできる光=可視光線の中でも、もっとも波長が短く、強いエネルギーを持っており、角膜や水晶体で吸収されずに網膜まで到達します。LEDの普及に伴い顕著になった眼精疲労は、LEDに多量に含まれるブルーライトが非常に大きな原因になっていると指摘されています。本製品は、ブルーライトを大幅にカットするように設計された保護フィルムです。

Image: This graph compares the light transmittance spectrum of the ClearView blue light cut film with a regular film. It visually demonstrates how the ClearView film effectively reduces blue light in the 380-500nm range, contributing to eye comfort.



# 本製品は、非光沢タイプです



ブルーライトカット  
(平均 **32%** 以上カット)



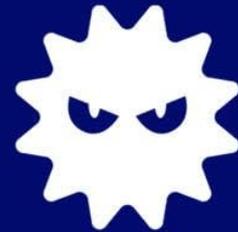
衝撃吸収



アンチグレア  
(反射低減)



気泡レス



抗菌  
(アンチバクテリア)

Image: This image displays icons representing the primary features of the protective film: shock absorption (hammer icon), blue light cut (eye icon, average 32% cut), anti-glare (screen reflection icon), bubble-less (bubble icon), and antibacterial (bacteria icon).

## SETUP (INSTALLATION)

- 1. Prepare the Display:** Ensure the Alpine PKG-M900SC display surface is thoroughly cleaned. Use a microfiber cloth to remove all dust, smudges, and fingerprints. Any remaining particles can cause bubbles or imperfections.
- 2. Align the Film:** Carefully peel back a small portion of the protective layer from the adhesive side of the film. Align the exposed adhesive edge with one side of your display.
- 3. Apply Gradually:** Slowly peel off the rest of the protective layer while simultaneously applying the film to the display. Use a squeegee or a soft card wrapped in a cloth to gently push out any air bubbles as you go.
- 4. Remove Remaining Bubbles:** For any small bubbles that remain, gently push them towards the edges of the film. The special silicone adhesive allows for natural air escape, making bubble removal easier.
- 5. Re-application:** If the initial application is not satisfactory, the special silicone adhesive allows for careful re-application. Gently lift the film from one corner and re-align.

Avoid touching the adhesive side of the film with your fingers to prevent dust or oil transfer.

## OPERATING

Once installed, the protective film operates passively, providing continuous protection and enhanced viewing. No specific

operational steps are required for the film itself. Ensure the display is used within its normal operating temperature range to maintain the film's adhesive integrity.

## MAINTENANCE

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To maintain the clarity and effectiveness of your ClearView LCD Protective Film:

- **Cleaning:** Gently wipe the film surface with a clean, soft, lint-free cloth. For stubborn smudges, slightly dampen the cloth with water or a screen-safe cleaning solution. Avoid harsh chemicals, abrasive materials, or excessive pressure.
- **Avoid Sharp Objects:** While the film offers shock absorption, avoid direct contact with sharp objects that could scratch or puncture the film.
- **Temperature:** The film's adhesive is designed to be stable across temperature changes, but extreme heat or cold may affect its longevity.

## TROUBLESHOOTING

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### Common Issues and Solutions:

- **Bubbles After Installation:**  
Small bubbles often disappear naturally within 24-48 hours due to the film's bubble-less adhesive properties. For larger bubbles, gently lift the nearest edge of the film and re-apply, pushing the air out with a squeegee. Ensure the screen is free of dust.
- **Dust Under the Film:**  
If dust particles are trapped under the film, carefully lift the nearest corner of the film. Use a dust-removal sticker or a piece of tape to gently lift the dust particle from the adhesive side, then re-apply the film.
- **Film Not Sticking Properly:**  
Ensure the screen surface is completely clean and dry before application. If the film has been lifted multiple times, its adhesive properties may be reduced. Refer to the 'Warranty and Support' section for replacement options if installation failure occurs.

## SPECIFICATIONS

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<b>Brand</b>	ClearView
<b>Manufacturer</b>	Mobilemart
<b>Model Number</b>	PKG-M900SC
<b>Compatible Device</b>	Alpine PKG-M900SC Rear Vision
<b>Product Dimensions (L x W x H)</b>	21.3 x 15.2 x 0.4 cm
<b>Product Weight</b>	30 g
<b>Material</b>	Polyethylene Terephthalate (PET)
<b>Screen Surface Description</b>	Matte (Anti-Glare)

## WARRANTY AND SUPPORT

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ClearView offers a free replacement service for installation failures. If you encounter difficulties during the application process and the film is damaged or incorrectly installed, you may be eligible for a one-time replacement.

### Free Replacement Service for Installation Failures:

- If your installation attempt is unsuccessful, please send the failed product back to us.
- We will provide a new replacement product once.
- Please note that customers are responsible for the return shipping costs of the failed product.
- This free replacement service is available only within Japan.

# 貼り付け失敗 無料交換サービス 対象商品です

※本サービスは日本国内のみとさせていただきます。



Image: This illustration visually explains the free replacement service for installation failures. It shows customers who have failed to apply the film correctly receiving a new product, emphasizing the support provided for a successful installation.

For further assistance or inquiries, please contact Mobilemart customer support.