

parkmate®

PM-81R

Heavy Duty Camera with 800 TVL Resolution



USER MANUAL

YOUR SAFETY COMES FIRST™

800 TVL

HIGH RESOLUTION SENSOR

CONTENTS

1.0	INTRODUCTION	2
1.1	Component List	2
1.2	Technical Specifications:	3
2.0	WIRING DIAGRAM	3
3.0	REVERSING GUIDELINES	4
4.0	TESTING	4
4.1	How to test	4
5.0	TROUBLESHOOTING	4
6.0	CARE AND MAINTENANCE	4
7.0	WARRANTY TERMS & CONDITIONS	5
8.0	NOTES	10

INTRODUCTION

Thank you for purchasing Parkmate's PM-81R camera. We are certain that our product will give you trouble-free operation while providing you with safety features that enhance your driving experience.

DISCLAIMER

Our products are to assist and aid the driver, not to replace the manual function of the person operating the vehicle.

Although the PM-81R is a visual aid and will allow you to view what is behind the vehicle, it does not remove the responsibility of driving the vehicle from the driver. Legal responsibility and safe driving practise remains with the driver at all times. You have purchased this product with the understanding that its use is as an aid only. We highly recommend that you have this product professionally installed to ensure that it will provide the functions it is set out to perform.

CAUTION

Ensure you are using your rear camera within your countries' road laws. Please make sure you are familiar with your local road legislation before use.

COMPONENT LIST



PM-81R
Rear Camera



10 Metre
Extension Cable



RCA
Adaptor



Screws
+ Allen Key

IMPORTANT NOTICE

Please read this manual carefully before using the product.

Wire connection points should always be insulated.

Wiring should always be installed away from heat sources and electrical components.

Please perform tests after finishing installation to ensure camera is working correctly.

This camera is intended for use as an aid when reversing your vehicle. Drivers must always use extreme caution when operating a vehicle.

Specifications are subject to change without notice.

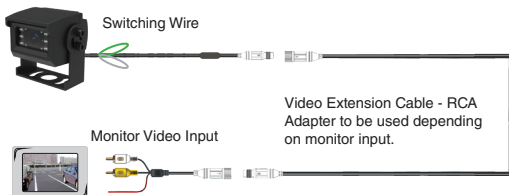
WARNING

Do not disassemble the camera or cut the camera cable as this voids the warranty. Disassembling the camera will compromise the waterproof seal.

TECHNICAL SPECIFICATIONS:

Signal System:	NTSC
Horizontal Resolution:	800 TVL
Minimum Illumination:	0.0 Lux
Diagonal Angle:	150°
Waterproof Rating:	IP69K
Nominal Voltage:	12V/24V
Working Temperature:	-30°C to 85°C

WIRING DIAGRAM



Front view option: PM-81R functions as a rear view camera as standard. To change the orientation of the image to front or side view please cut the WHITE wire near the camera lead.

REVERSING GUIDELINES

Guideline option: PM-81R has parking guide-lines as a default. To remove guide-lines, cut the thin GREEN wire near the camera lead and the guide-lines will now be removed.

TESTING

HOW TO TEST

Apply the parking brakes. (Safety Precaution)

Turn ignition on. (DO NOT TURN ON VEHICLE)

Shift into reverse gear.

Image should appear on the monitor.

TROUBLESHOOTING

PROBLEM	SOLUTION
"No Signal" appears while reversing	<ol style="list-style-type: none">1. Check video input connections2. Check camera power connections
Video image is not sharp	Check camera lens for debris

CARE AND MAINTENANCE

Always keep camera clear from dirt and mud. Clean camera with a soft moist cloth.

WARRANTY TERMS & CONDITIONS

Our goods come with guarantees that cannot be excluded under the Australian & New Zealand Consumer Law. You are entitled to a replacement or refund for a major failure and for compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure.

This warranty is provided in addition to your rights under the Australian & New Zealand Consumer Law.

Directed Electronics warrants that this product is free from defects in material and workmanship for a period of 12 months from the date of purchase or for the period stated on the packaging. This warranty is only valid where you have used the product in accordance with any recommendations or instructions provided by Directed Electronics.

This warranty excludes defects resulting from alterations of the product, accident, misuse, abuse or neglect.

In order to claim the warranty, you must return the product to the retailer from which it was purchased or if that retailer is part of a National network, a store within that chain, along with satisfactory proof of purchase. The retailer will then return the goods to Directed Electronics. Directed Electronics will repair, replace or refurbish the product at its discretion. The retailer will contact you when the product is ready for collection. All costs involved in claiming this warranty, including the cost of the retailer sending the product to Directed Electronics, will be borne by you.

Directed Electronics Address: 115-119 Link Road Melbourne Airport, 3045 Victoria. Australia

Ph: +61 03 8331 4800 **Email:** service@parkmate.com.au

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THE SPECIFICS OF THIS PARKMATE LIMITED WARRANTY ARE AT [HTTPS://WWW.PARKMATE.COM.AU/WARRANTY](https://www.parkmate.com.au/warranty)

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STATUTORY RIGHTS IN AUSTRALIA IN RELATION TO YOUR GOODS WHICH, PURSUANT TO THE AUSTRALIAN CONSUMER LAW, CANNOT BE EXCLUDED.

LIMITATIONS OF PARKMATE LIABILITY

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PARKMATE LIABILITY FOR DAMAGES, ESPECIALLY FOR BREACH OF DUTY OR OBLIGATION, DELAY IN PERFORMANCE, NON-PERFORMANCE, OR MALPERFORMANCE SHALL BE PRECLUDED, EXCEPT WHEN THESE ARE DUE TO NEGLIGENT BREACHES OF ANY SIGNIFICANT CONTRACTUAL DUTY OR OBLIGATION ON THE PART OF PARKMATE. ANY LIABILITY FOR NEGLIGENCE IS LIMITED TO DIRECT LOSSES USUALLY AND TYPICALLY FORESEEABLE IN SUCH CASE. SHOULD THE CLAIM FOR DAMAGES BE BASED ON WILLFUL OR GROSSLY NEGLIGENT BREACH OF CONTRACTUAL DUTY OR OBLIGATION ON THE PART OF PARKMATE, THE PRECLUSION AND LIMITATION OF LIABILITY MENTIONED IN THE PRECEDING SENTENCES WILL NOT APPLY. THE PRECEDING PRECLUSION AND LIMITATION OF LIABILITY WILL ALSO NOT APPLY TO CLAIMS FOR DAMAGES ARISING OUT OF LOSS OF LIFE, BODILY INJURY OR HEALTH IMPACTS FOR WHICH PARKMATE MAY BE LIABLE, OR FOR NON-CONTRACTUAL LIABILITY.

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