

## EchoMaster Mon-70

# EchoMaster Mon-70 7" Dash Mount Dual Input Monitor Instruction Manual

Model: Mon-70

### INTRODUCTION

This manual provides comprehensive instructions for the installation, operation, and maintenance of your EchoMaster Mon-70 7" Dash Mount Dual Input Monitor. Please read this manual thoroughly before using the product to ensure proper function and longevity.

The EchoMaster Mon-70 is a versatile 7-inch dash-mounted monitor designed to provide a clear view for vehicle safety camera systems, enhancing visibility of areas not covered by standard mirrors.

### PRODUCT OVERVIEW

The EchoMaster Mon-70 monitor features a 7-inch LCD display and dual video inputs, allowing connection of two separate video sources, such as backup cameras. It is designed for dash mounting and includes necessary components for installation.



Figure 1: Front view of the EchoMaster Mon-70 monitor, showing the 7-inch screen and control buttons located at the bottom edge.

### PACKAGE CONTENTS

Verify that all items are present in the package:

- EchoMaster Mon-70 Monitor
- Mounting Bracket
- Main Harness
- GX16-RCA Adapters
- Remote Control

## SETUP AND INSTALLATION

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This section outlines the steps for installing your EchoMaster Mon-70 monitor. Professional installation is recommended for optimal performance and safety.

### 1. Mounting the Monitor

1. **Select a Location:** Choose a suitable, stable location on your vehicle's dashboard that does not obstruct your view of the road or interfere with airbag deployment.
2. **Attach Mounting Bracket:** Secure the provided mounting bracket to the chosen location using appropriate fasteners (not included, depending on vehicle type). Ensure the bracket is firmly attached.
3. **Mount the Monitor:** Attach the EchoMaster Mon-70 monitor to the mounting bracket. Adjust the viewing angle for optimal visibility.

### 2. Wiring Connections

Connect the monitor to your vehicle's power supply and video sources.

- **Power Connection:** Connect the main harness to the monitor and then to your vehicle's 12V power supply. Ensure proper polarity (red to positive, black to ground). It is recommended to connect to an ignition-switched power source.
- **Video Input 1 (V1):** Connect your primary video source (e.g., a backup camera) to the V1 input on the monitor using the appropriate GX16-RCA adapter if necessary.
- **Video Input 2 (V2):** Connect your secondary video source (if applicable) to the V2 input.
- **Reverse Trigger (Optional):** If connecting a backup camera, connect the reverse trigger wire from the main harness to your vehicle's reverse light circuit. This will automatically switch the monitor to the backup camera view when the vehicle is in reverse.

**Important: Ensure all connections are secure and insulated to prevent short circuits.**

## OPERATING INSTRUCTIONS

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This section details how to operate your EchoMaster Mon-70 monitor.

### Monitor Controls

The monitor features several control buttons located on the front panel (refer to Figure 1).

- **Power Button:** Turns the monitor on or off.
- **V1/V2 Button:** Switches between Video Input 1 and Video Input 2.
- **MENU Button:** Accesses the on-screen display (OSD) menu for settings adjustments.
- **+/- Buttons:** Navigate menu options and adjust values (e.g., brightness, contrast).

### Basic Operation

1. **Power On/Off:** Press the Power button to turn the monitor on. Press again to turn it off.
2. **Switching Video Inputs:** Press the V1/V2 button to cycle between the connected video sources.
3. **Accessing Menu:** Press the MENU button to open the OSD menu. Use the +/- buttons to navigate through options like brightness, contrast, color, and mirror image settings. Press MENU again to exit.
4. **Automatic Reverse Trigger:** If the reverse trigger wire is connected, the monitor will automatically display the image from the backup camera when the vehicle is shifted into reverse.

## MAINTENANCE AND CARE

Proper care will ensure the longevity and optimal performance of your monitor.

- **Cleaning the Screen:** Use a soft, lint-free cloth slightly dampened with water or a screen-cleaning solution. Do not use abrasive cleaners or solvents.
- **Cleaning the Casing:** Wipe the monitor casing with a soft, dry cloth.
- **Avoid Extreme Temperatures:** Do not expose the monitor to extreme heat or cold for extended periods.
- **Secure Connections:** Periodically check all wiring connections to ensure they are secure.

## TROUBLESHOOTING

Refer to this section for solutions to common issues.

Problem	Possible Cause	Solution
No power to the monitor.	Loose power connection, blown fuse, incorrect wiring.	Check power cable connections. Verify vehicle fuse. Ensure correct polarity.
No video signal.	Loose video cable, incorrect input selected, faulty camera.	Check video cable connections. Press V1/V2 button to switch inputs. Test camera with another display if possible.
Image is distorted or unclear.	Poor video connection, interference, camera lens dirty.	Ensure video connections are secure. Check for sources of electrical interference. Clean camera lens. Adjust brightness/contrast in OSD menu.
Monitor does not switch to backup camera automatically.	Reverse trigger wire not connected or faulty.	Verify the reverse trigger wire is correctly connected to the vehicle's reverse light circuit.

## SPECIFICATIONS

Feature	Detail
Model Number	Mon-70
Screen Size	7 inches
Display Type	LCD


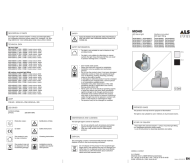

Feature	Detail
Control Method	Buttons (not touchscreen)
Connectivity Technology	USB (for power/data; video inputs are analog)
Vehicle Service Type	Car, Truck
Product Dimensions	20.83 x 8.89 x 14.22 cm
Item Weight	498.95 g (1.1 Pounds)
Batteries Included	No
Manufacturer	EchoMaster




## SUPPORT AND WARRANTY INFORMATION

For technical assistance, warranty claims, or further information regarding your EchoMaster Mon-70 monitor, please contact EchoMaster customer support. Refer to the product packaging or the official EchoMaster website for current contact details and warranty terms.

*Note: Specific warranty terms and support contact information may vary by region and purchase location.*

### Related Documents - Mon-70

	<p><a href="#">EchoMaster MRCHDDVR2 User Manual: Installation and Operation Guide</a></p> <p>User manual for the EchoMaster MRCHDDVR2 Rear View Mirror Monitor with DVR and Backup Camera. Covers installation, features, settings, and troubleshooting for enhanced vehicle safety.</p>
	<p><a href="#">A.L.S. GmbH MONO LED Track Light &amp; Surface Mounted Fitting - Technical Specifications and Installation Guide</a></p> <p>Comprehensive guide for the A.L.S. GmbH MONO series LED track lights and surface-mounted light fittings, detailing technical specifications, safety information, intended use, maintenance, disposal, and installation instructions.</p>
	<p><a href="#">StarTech.com VIDWALLMNT Heavy Duty VESA Video Wall Mount for 45"-70" Monitors with Micro-Adjustments</a></p> <p>Detailed specifications and features for the StarTech.com VIDWALLMNT, a heavy-duty VESA video wall mount supporting 45" to 70" monitors with micro-adjustments. Ideal for creating video walls in commercial and public spaces.</p>

 <p>gembird® USER MANUAL • MANUEL D'UTILISATION • NÁVOD K POUŽITÍ • NÁVOD K POUŽITÍ • NÁVOD K POUŽITÍ WM-70T-02</p> <p>TV WALL MOUNT (FIXED), 37"-70" (48 KG) TV-NAHRAZOVACÍ PŘÍSTĚNÝ, 37"-70" (48 KG) TV-NAHRAZOVACÍ PŘÍSTĚNÝ, 37"-70" (48 KG) SUPPORT BRACKET, 37"-70" (48 KG) DRŽÁK NA STĚNU TV PŘÍSTĚNÝ, 37"-70" (48 KG) UČOVNÝ PŘÍSTĚNÝ DRŽÁK TELEVIZORU, 37"-70" (48 KG) НАСТЕННЫЙ КРЕПЕЖНЫЙ ДЕРЖАТЕЛЬ ТЕЛЕВИЗОРА, 37"-70" (48 КГ)</p>	<p><a href="#">Gembird WM-70T-02 TV Wall Mount User Manual and Specifications</a></p> <p>User manual and specifications for the Gembird WM-70T-02 fixed TV wall mount, supporting 37-70 inch screens up to 40kg. Includes installation guide, features, and warranty information.</p>
 <p>USER GUIDE kogan.com</p> <p>TILT EXTENDABLE FULL MOTION CORNER WALL MOUNT EUP-1979 KAGANOTCORA</p>	<p><a href="#">Kogan Tilt Extendable Full Motion Corner Wall Mount (32" - 70") User Guide</a></p> <p>User guide for the Kogan Tilt Extendable Full Motion Corner Wall Mount, compatible with TVs from 32 to 70 inches. Includes safety warnings, component list, assembly instructions, and adjustment tips.</p>
 <p>Large Full Motion Mount for 47-84" TVs / Soporte grande de movimiento completo para televisores de 47 a 84 pulg. User Guide / Guía de usuario BE-MLFM</p> <p>BEST BUY essentials</p>	<p><a href="#">Best Buy Essentials BE-MLFM Full Motion TV Wall Mount User Guide</a></p> <p>Comprehensive user guide for the Best Buy Essentials BE-MLFM Full Motion TV Wall Mount, supporting 47-84 inch TVs. Includes installation instructions, safety information, VESA compatibility, dimensions, tools required, package contents, and warranty details.</p>



Documents - EchoMaster – Mon-70



[\[pdf\]](#) User Manual Dimension Guide

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User Manual MONITORS I **MON-70** T: 44 0 1420 487110 2 E: echomaster aampglobal-eu.com W: EchomasterEurope.co.uk MONITORS I **MON-70** User Manual T: 44 0 1420 487110 E: echomaster aampglobal-eu.com 3 W: EchomasterEurope.co.uk User Manual MONITORS I **MON-70** T: 44 0 1420 487110 4 E: echoma... lang:en score:32 filesize: 847.34 K page\_count: 8 document date: 2021-01-25

MONITORS   MON-70	
	
<b>7.0" Dash Mount Dual Input Monitor</b>	
	
Screen Size	7.0"
Aspect Ratio	16:9
Power Supply	12-24V DC
Resolution	800x480
Luminance	300
Contrast	500:1
TV Format	AUTO
OSD Languages	Multi
Video Inputs	2
Audio Inputs	2
Triggers	1
Current Draw	420mA
Operating Temperature	-20C - +70C
IP Rating	30
Parking Guidelines	No
Dimensions (mm)	172 x 114.8 x 48.8
Connection Type	GX16
echomaster@ampglobal-eu.com    Call +44(0)1420 407110 EchoMasterEurope.co.uk    Follow @EchoMasterEurope	

[pdf] Specifications Dimension Guide

MON 70 SpecSheet Spec Sheet 7 0 Dash Mount Dual Input Monitor Echomaster Vehicle Safety Solutions echomaster eu 2021 01 |||

7.0 Dash Mount Dual Input Monitor MONITORS | **MON-70** Screen Size Aspect Ratio Power Supply Resolution Luminance Contrast TV Format OSD Languages Video Inputs Audio Inputs Triggers Current Draw Operating Temperature IP Rating Parking Guidelines Dimensions mm Connection Type 7.0 16:9 12-24V DC 8...

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EchoMaster European Catalogue: Automotive Safety and Camera Solutions

Explore the EchoMaster European Catalogue, featuring a comprehensive range of automotive safety products including advanced cameras, monitors, DVR systems, sensors, and dash cams designed to enhance driver safety and protect vehicles.

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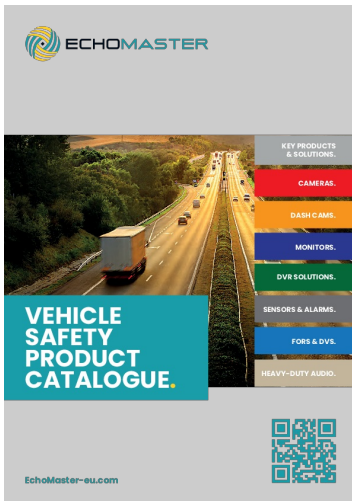


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European Catalogue Protect your precious cargo. EchoMasterProducts EchoMaster.com EchoMaster is a ... ewing angle IP69 water/debris-proof rating Mirrored/non-mirrored image selectable For use with **MON-7044-WL** 13 Commercial Cameras Commercial Cameras CAM-10B-P Mini Commercial Camera with Night...

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Product Catalogue 2023 EchoMaster Homepage Echomaster Vehicle Safety Solutions ProductCatalogue

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VEHICLE SAFETY PRODUCT CATALOGUE. KEY PRODUCTS SOLUTIONS.

CAMERAS. DASH CAMS. MONITORS. DVR SOLUT ... ONITORS Dual-Input

Monitors Multi-Input Monitors Mirror Monitors Monitor Kits DUAL-INPUT MONITORS

**MON-70** 7.0 Dash Mount Dual Input Monitor u 7 High resolution display u Dual Video Inputs u Reverse...

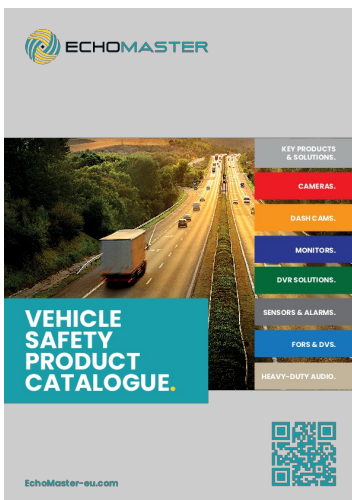
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ECHO MASTER UK DEALER PRICE LIST			PRODUCTS 1st 2016 1st November 2016
Code	Description	Part Number	
Code 001	10" Dash Mount Dual Input Monitor	MON-70	
Code 002	10" Dash Mount Dual Input Monitor	MON-70	
Code 003	10" Dash Mount Dual Input Monitor	MON-70	
Code 004	10" Dash Mount Dual Input Monitor	MON-70	
Code 005	10" Dash Mount Dual Input Monitor	MON-70	
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Code 099	10" Dash Mount Dual Input Monitor	MON-70	
Code 100	10" Dash Mount Dual Input Monitor	MON-70	

EchoMaster UK Dealer Price List - November 2016

A comprehensive price list for EchoMaster automotive cameras, DVRs, dashcams, monitors, parking sensors, and accessories, effective November 1st, 2016. Includes part numbers, descriptions, and replacement information.

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CAMERAS. DASH CAMS. MONITORS. DVR SOLUT ... ONITORS Dual-Input

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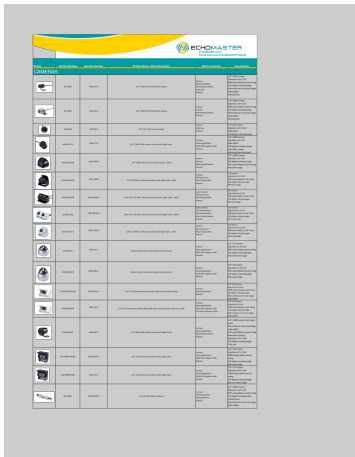
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[EchoMaster European Catalogue 2017: Vehicle Safety Solutions](#)

Explore the comprehensive EchoMaster European Catalogue for 2017, featuring a wide range of automotive safety products including cameras, monitors, DVR systems, parking sensors, dash cams, and more. Enhance vehicle safety and protect your cargo with EchoMaster's innovative solutions.

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