

Operation Manual

VMS 3.0 Video System

for the
AlterG Anti-Gravity Treadmill→



This manual covers operation procedures for the following AlterG[®] products:

AlterG Video System model VMS 3.0

NOTE: The following symbol is used throughout this manual to call attention to Warnings, Cautions or operational procedures that may directly affect the safe operation of the AlterG Video System. Read and understand these instructions and statements before operating the system.



Warning, Cautionary statement or operational procedure that may directly affect the safe operation of the treadmill.

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USER RESPONSIBILITY

This Product will perform as described in this Operator's Manual and by accompanying labels and/or inserts, when it is assembled, operated, maintained and repaired in accordance with the instructions provided.

The user of this Product shall bear the sole responsibility for any malfunction which results from improper use, faulty maintenance, improper repair, damage, or alteration by anyone other than an AlterG Inc. authorized representatives.

Any unauthorized maintenance, repairs or equipment modification activities may void the AlterG Product Warranty.

CONTACT INFORMATION

AlterG Inc. welcomes your inquiries and comments. Professional staff, including physiologists, applications engineers, and customer support specialists are available to assist you with any questions you may have regarding your AlterG Video Monitor System.

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SAFETY INFORMATION, WARNINGS AND CAUTIONS

To prevent any injuries, the following safety precautions should be observed in the use and maintenance of this equipment. Before operating the Video System, please read this manual completely and keep it nearby for future reference.

Important Safety Instructions

- All safety and operating instructions should be read before the system is operated.
- The safety and operating instructions should be retained for future reference.
- All operating and usage instructions should be followed.
- Do not disable the 3-wire grounding type plug. The grounding pin on the 3-prong plug is an important feature. Removing the grounding pin will risk damaging the equipment and may present a safety risk to the operator should an electrical malfunction occur.
- If you cannot fit the plug into the electrical outlet, contact an electrician to install the proper grounded receptacle.
- Use and handle the power cord with care. Do not place heavy objects on the power cord.
- Do not pull on the power cord. Do not handle the power cord with a wet hand.
- Do not expose the system to liquid, rain or moisture.
- Do not expose the system to extreme temperatures or direct sunlight as overheating and damage may occur.
- Do not open or remove any of the system enclosures or covers. Doing so may expose you to dangerous voltage levels or other hazards.
- Unplug the power cord from the outlet before cleaning the system.
- Never use liquid or aerosol cleaners on the monitor or other components of the video system. Clean only with a soft, lightly dampened micro-fiber cloth.
- Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug damage, liquid has been spilled or objects have fallen into a component of the system, the system has been exposed to moisture, does not operate normally or has been dropped.

RETAIN THESE INSTRUCTIONS FOR FUTURE REFERENCE

SECTION 1: INTRODUCTION

The Video System is an accessory for the M300 Model Series AlterG Anti-Gravity Treadmill. This manual covers only the Video System. Refer to the appropriate M300 series product manual for information pertaining to the treadmill.

SECTION 2: SETUP AND INSTALLATION

An AlterG qualified technician will install the Video System after delivery. Please make sure that you inspect the AlterG upon delivery for any damage that may have occurred during transportation. Take pictures and immediately report any damage to the shipping company and AlterG. When you sign for the shipment of your Video System, you are taking responsibility for any damage that may occur before installation.

ELECTRICAL REQUIREMENT

The recommended electrical outlet/power source for the AlterG Video System is a 15 ampere, 120-240 VAC @ 50/60 Hz circuit. The outlet is a standard NEMA 5-15R.

FLOOR SPACE REQUIREMENT

The AlterG is 38 inches wide and 84 inches long. Clearance is required for the side and rear cameras. The cameras mount on stands and their position is at the discretion of the user.

The following clearances are recommended:

- Side: 40 inches
- Rear: 48 inches

Note that the height of the AlterG with the Video System is increased to 84 inches.

SECTION 3: SYSTEM OVERVIEW

The video system consists of a monitor, three video cameras and a video switch. The video switch determines which camera is displayed on the monitor. Select the desired camera by pushing one of the 3 buttons on the switch.

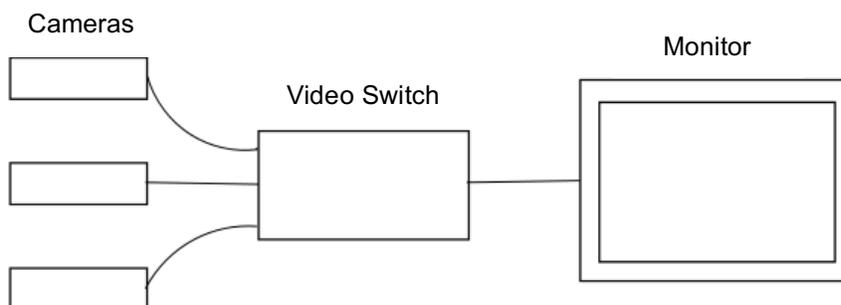


Figure 1. Schematic Diagram

SECTION 4: OPERATING THE VIDEO SYSTEM

Note: The monitor make and model are subject to change, which may cause the operating procedure to vary from the following steps. Refer to the TV/Monitor instruction manual for detailed information on its operation.

POWERING UP

As soon as the system is plugged in, power is supplied to the cameras. To turn the monitor on, press the power button located on the right rear side of the monitor or press the Power button on the Remote Control.

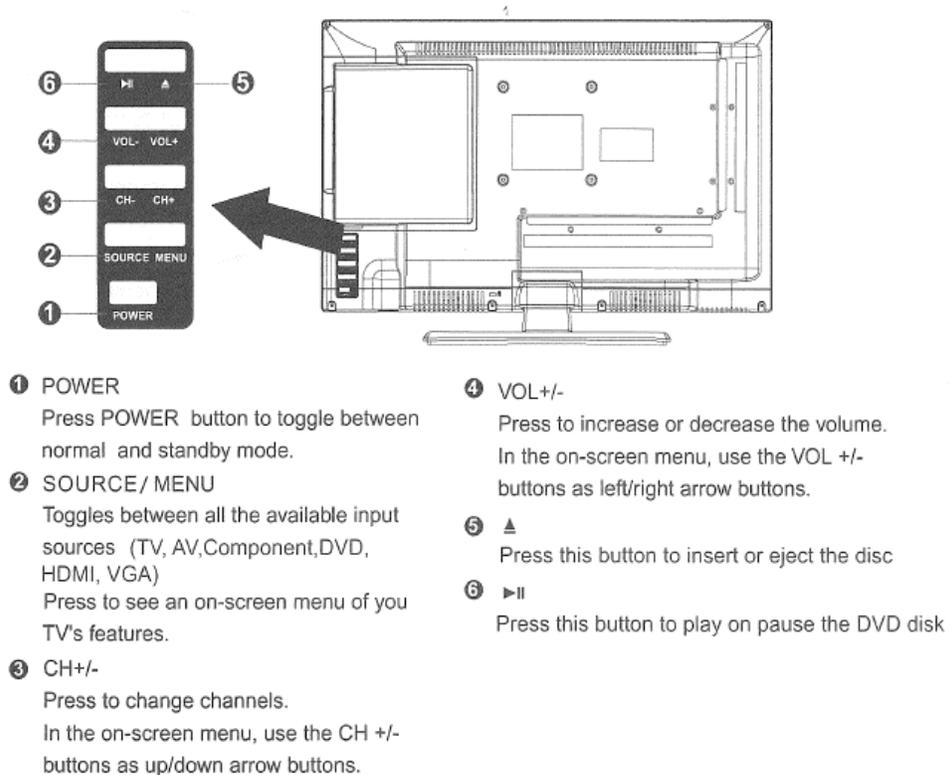


Figure 2: POWER button

CAMERA SELECTION

Pressing the selector button on the remote control cycles through the cameras.

Camera Number	Camera Position
1	Front
2	Portable 1
3	Portable 2



Figure 3: Remote control for camera selection

Relocate the two portable cameras as needed. One such arrangement with lateral and rear view placement is shown in Figure 4.



Figure 4: Lateral and rear view placement of cameras

MAINTENANCE

Other than occasional cleaning, there is no routine maintenance to be performed on the AlterG Video System.

Monitor

Use a soft micro-fiber cloth dampened with a mild cleaning solution to clean the surfaces of the TV/monitor. Do not apply liquids or sprays directly to the monitor. The screen can be cleaned with a computer monitor wipe made for this purpose. Use very little pressure on the screen when cleaning to avoid damaging the liquid crystal display.

Cameras

To clean a camera lens that has become dirty, perform the following steps:

1. Start by using a sable artist's brush or a hand-squeezed dust blower to remove dust particles from the lens. Compressed air shouldn't be used for this purpose because it can damage the lens by suddenly lowering its temperature.
2. If more cleaning is required, use a micro-fiber cloth and gently rub the lens.
3. For a persistent smudge, place a drop of lens cleaning fluid on the micro-fiber cloth and rub gently. Do not place cleaning fluid directly on the lens.

Lens cleaning fluid and micro-fiber cloths can be purchased at your local camera retailer.

APPENDICES

A: Specifications

B: Troubleshooting

C: Warranty

APPENDIX A: ALTERG VIDEO SYSTEM SPECIFICATIONS

Display:

22" Widescreen High-Definition LED (1920 X 1080).

Cameras:

Three low-profile cameras included: One fixed front view, reverse image (internal to unit), two external on adjustable stands.

Each camera provides 420 line NTSC video, 3ft x 2.5ft field of view at 3 ft.

25 ft video/power cable included with each camera.

Camera Stands:

Two, floor-mounted, height-adjustable from 15 inches to 21 inches, black color.

Weighted 6 inch diameter base.

Power:

100-240V, 50/60Hz, 50W (max).

Single NEMA 5 plug (standard wall outlet).

APPENDIX B: TROUBLESHOOTING

Problem	Remediation
Monitor does not turn on	Verify that the power cord is plugged into a wall outlet
Monitor is on but camera images do not display.	Verify that the input source is set to AV.
Monitor is on but camera images are in black and white.	Verify that the AV Input Type is set to "Video" in the Preferences menu

APPENDIX C: WARRANTY INFORMATION

Your AlterG Video System is covered by the following warranty:

- One year parts.

AlterG warrants that all products and accessories will be free from manufacturing defects according to the applications listed in this manual. The warranty period commences on the original date of purchase. This warranty is given only to the original purchaser. This warranty does not cover damage or equipment failure resulting from misuse, abuse, or failure to comply with electrical codes. Further, this warranty shall not apply if there is any modification to the product or accessories.

**ALTERG GIVES NO OTHER WARRANTIES, EITHER EXPRESSED OR IMPLIED.
THE WARRANTY OF FITNESS FOR A PARTICULAR USE IS HEREBY DISCLAIMED.**

The buyer's remedy for breach of the expressed warranties contained herein shall be limited to the return of the product and repayment of the original purchase price. Provided, however, at AlterG's discretion, it may repair and replace the non-conforming goods or parts. AlterG shall not be liable for any incidental or consequential damages. This Warranty is voided if non-AlterG parts or service are used in repairs and maintenance.