
J JAVELIN

OWNER'S MANUAL

**VIDEO MONITOR
CVM1900B**

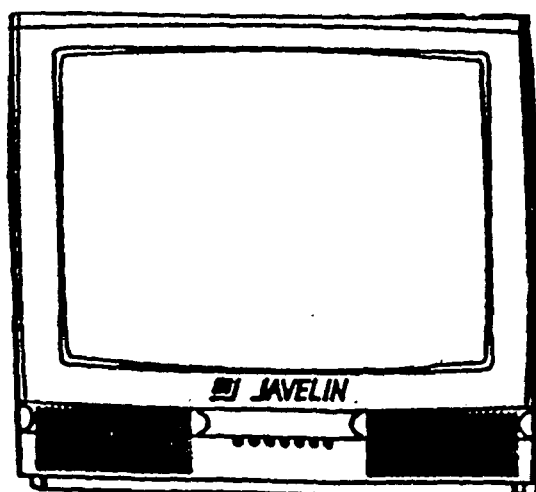


TABLE OF CONTENTS

Table of Contents.....	P. 2
FCC Notice.....	P. 2
Introduction.....	P. 3
Operation.....	P. 4
Features.....	P. 5
Installation.....	P. 5
Maintenance.....	P. 6
Specifications.....	P. 6
Warranty Information.....	P. 7
Safety Precautions.....	P. 8

JAVELIN SYSTEMS

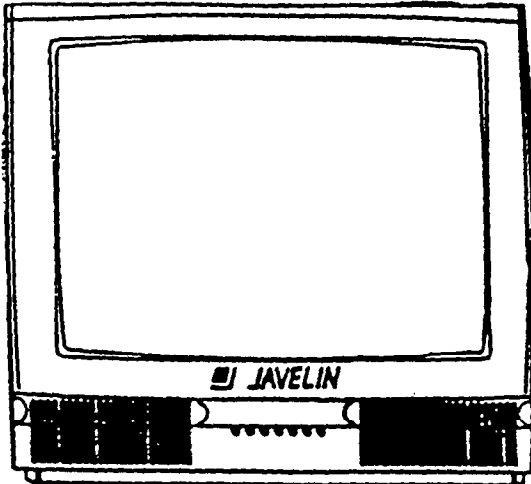
JAVELIN SYSTEMS
23456 HAWTHORNE BLVD BLDG 5
TORRANCE CA 90505-4716

FCC NOTICE

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules.

These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

19-Inch Diagonal Video Monitor With Audio



FEATURES

- ◆ 400 TV lines of resolution
- ◆ BNC connectors for video in/out
- ◆ Stereo Audio Inputs with 2 speakers
- ◆ Accessible front panel controls - power volume, channel and menu function
- ◆ Back panel video and audio inputs
- ◆ Two year warranty
- ◆ Part of the Javelin family of products- the Javelin System Solution

APPLICATIONS

- ◆ Industrial Inspection
- ◆ Test and Measurement

Javelin's CVM1900B is perfect when detail is required. The 19" large screen format features 400 lines of resolution, and faithful color reproduction. The CVM1900B also offers audio and volume control.

Easy to connect BNC's provide both video in and out. Accessible front panel controls feature power, volume, channel and menu functions. Back panel controls include video and audio input.

The CVM1900B is a product member of the total Javelin System Solution. Javelin's competitively priced product line includes everything needed for a complete CCTV security system. The Javelin System Solution offers one-source shopping, the most economical way to select from the industry-leading, full-service product line. From cameras to monitors to pan/tilts to multiplexers to switchers to quads to video measurement, Javelin's family of products gives you a powerful sales edge and dramatically reduces installation and maintenance costs.

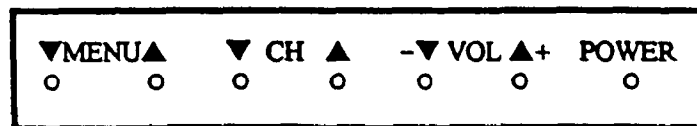
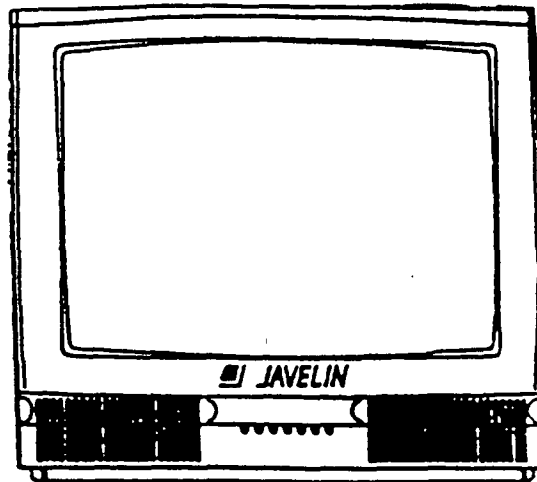
Javelin's leading-edge product warranties are our pledge to stand behind everything we sell. Every Javelin monitor offers a two year warranty.

Thank you for purchasing Javelin Systems Video Monitor. Read this booklet so you will be able to enjoy all the features in your monitor. Record in space provided below the Model No. and the Serial No. as found on the label on the back of your monitor

Model No.

Serial No.

Retain this information for future reference.



(1)

(2)

(3)

(4)

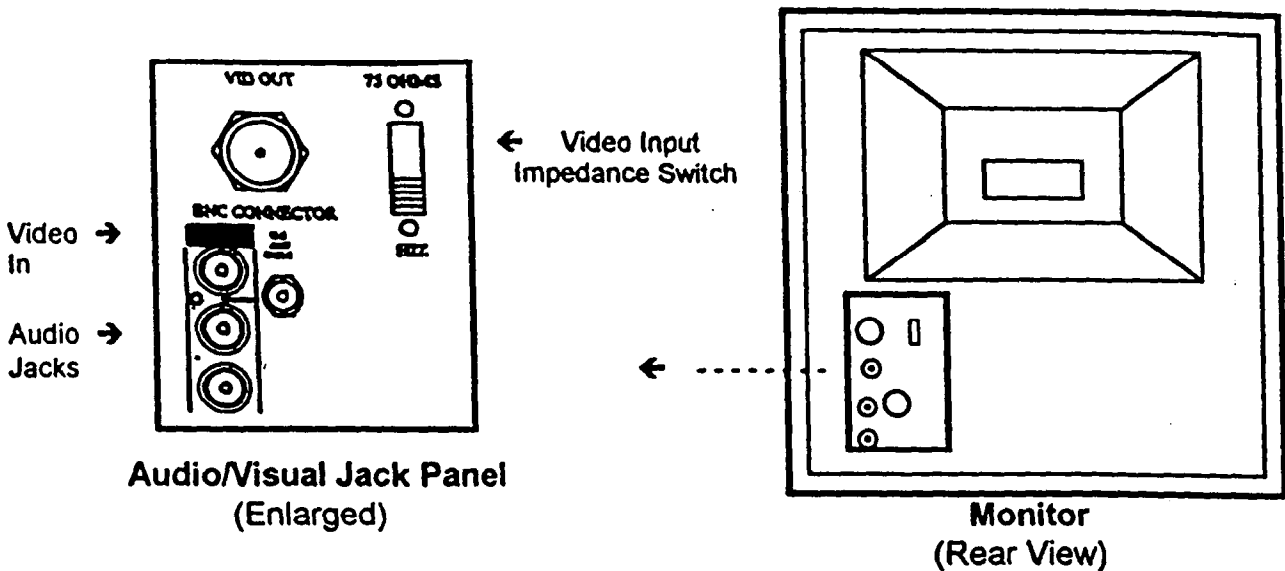
OPERATION

(1) **MENU**- Press the **MENU** button on the monitor to select **SETUP**. Press the **VOLUME(+)** to show the list of **SETUP** items. Press **MENU ▼** or **▲** to choose any **SETUP** item listed. Follow the on-screen commands and make any desired changes and then **EXIT**. Press **MENU ▼** or **▲** to navigate through the other **MENU** selections.

(2) **CHANNEL**- Press **CHANNEL ▼** or **▲** buttons to select the desired channel. The channel will be displayed in the upper left corner of the screen.

(3) **VOLUME**- To increase the volume, press the **VOLUME ▲** button. To decrease the volume, press the **VOLUME ▼** button. Press and hold either button until your desired volume level is reached. If you have set the **VOLUME BAR** to the **ON** position in the **MENU**, you will see a visual display of the setting.

(4) **POWER**- Press the **POWER** button to turn the video monitor on. The picture will appear in a few seconds. Press the button again to turn the video monitor off.



FEATURES

Audio/Visual Jack Panel

The AV jack panel on the back of this monitor includes audio/video inputs for connection of a VCR, Video Camera, Video Disc Player, or other accessory equipment.

OPTIONAL FEATURE: Model PS1953C-LT

Video loop-through on rear panel with 75 Ohm/Hz impedance.

IMPORTANT: If the monitor is used **without** the video loop-through then the impedance switch should be in the 75 Ohms position.(terminated) If the monitor is used **with** the video loop-through, then the switch should be positioned to Hz.(unterminated)

How to Use the Audio/Video Input Jacks

For example, to view the playback of a VCR tape: 1. Connect the video and Audio input jacks on the monitor to the video output jacks on the VCR. 2. Press **MENU** ▼ or ▲ on the monitor. Select the word **INPUT** with the monitor's on-screen arrow. 3. Press **(+)** or **(-)** button to select the **VCR/AUX** inputs on the rear of the monitor. 4. Turn the VCR on and play the tape to be viewed on the monitor.

INSTALLING YOUR SET

DO NOT:

- Place your video monitor in a room where direct lighting strikes the screen.
- Place your monitor too close to a wall, in a power confined area or in a very warm location.
- Change the plug's safety prong. See note last page.

DO:

- Use soft and indirect lighting
- Provide normal air circulation for reliable long life.
- Plug into an electrical outlet with standard house (120 volt AC, 60 Hz)

MAINTENANCE AND CARE

**WARNING: Video Monitor use High Voltages. Do not try to remove the cabinet back.
Refer servicing to qualified service personnel.**

- To avoid possible shock hazard be sure the monitor is unplugged from the electrical outlet before cleaning.
- When cleaning the monitor screen take care not to scratch or damage the screen surface (avoid wearing jewelry or anything abrasive). Wipe the front screen with a clean cloth dampened with water. Use even, easy, vertical strokes when cleaning.
- Gently wipe the cabinet surfaces with a clean cloth or sponge dampened in a solution of cool water. Use a clean dry cloth to dry the wiped surfaces.
- Occasionally vacuum the ventilation holes or slots in the cabinet back.
- Never use thinners, insecticide sprays, or other chemicals on or near the cabinet, as they might cause permanent marring of the cabinet finish.

SPECIFICATIONS

Design and specifications are subject to change without notice.

TELEVISION SYSTEM:	NTSC standard
POWER SOURCE:	120 V AC, 60 Hz
HORIZONTAL RESOLUTION:	400TVL
POWER CONSUMPTION:	64 W (average)
AUDIO POWER:	1 W, SPEAKER 3" DIA X 2
VIDEO/AUDIO TERMINALS:	VIDEO INPUT BNC/PHONO JACK INPUT STEREO AUDIO INPUT (phono jack) 150mVrms, 47k ohm or more VIDEO INPUT/OUTPUT (BNC jack) 1Vp-p, 75 ohm/HIGH, negative sync.
DIMENSIONS:	Width.....19.8" Height.....22-31" Depth.....21-69"
WEIGHT:	42 (18 kg)

TECHNICAL SPECIFICATIONS

INPUT SIGNAL:	NTSC, 525 lines
FRONT CONTROLS:	on/off, volume, channel menu
REAR CONNECTORS CONTROL:	open/75 ohms (slide switch); video input; audio input X 2 impedance selection
RESOLUTION:	400 lines, minimum
VIEWING AREA:	19" diagonal
INPUT VOLTAGE:	120 VAC, 60 Hz
SYNCHRONIZATION:	Internal
DESK TOP SIZE:	19.8" W X 22.31" H X 22.68" D
WEIGHT:	42 lbs
VIDEO CONNECTORS:	BNC

LIMITED WARRANTY

Javelin Systems makes the following limited warranties. These limited warranties extend to the original end-user purchaser.

Limited One (1) Year Warranty of Labor and Parts

Javelin Systems warrants this product and its parts against defects in materials or workmanship for a period of one year after the date of original retail purchase. During this period, Javelin Systems will replace a defective picture tube without charge to you, except that if a defective picture tube is replaced after one (1) year from the date of the original retail purchase, you pay labor charges involved in the replacement.

Limited Two (2) Year Warranty of Picture Tube

Javelin Systems further warrant the picture tube in this product against defects in materials or workmanship for a period of two (2) years after the date of original retail purchase. During this period, Javelin Systems will replace a defective picture tube without charge to you, except that if a defective picture tube is replaced after one (1) year from the date of the original retail purchase, you pay labor charges involved in the replacement.

Owner's Manual

You should read this owner's manual thoroughly before operating this product.

Your Responsibility

The above warranties are subject to the following conditions:

1. You must retain your bill of sale or provide other proof of purchase.
2. You must notify Javelin Systems with thirty (30) days after you discover a defective product or part.
3. All warranty servicing of this product must be made by Javelin Systems.
4. These warranties are effective only if the product is purchased and operated in the USA
5. Labor service charges for installation and adjustment of customer controls are not covered by this warranty.
6. Warranties extend only to defects in materials or workmanship as limited above and do not extend to any product or parts which have been lost or discarded by you or to damage to products or parts caused by misuse, accident, improper installation, improper maintenance or use in violation of instructions furnished by us; or to units which have been altered or modified without authorization of Javelin Systems or to damage to products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

Step-By-Step Procedures: How to Obtain Warranty Service

To obtain warranty servicing, you should:

1. Contact the Javelin Systems Service Center listed below for warranty service within (30) days after you find a defective product or part.
2. Arrange for the delivery of the product to Javelin Systems Service Center. Products shipped to the Service Center must be insured and safely and securely packed, preferably in the original shipping carton, and a letter explaining the defect and also a copy of the bill of sale or other proof of purchase must be enclosed. All transportation and insurance charges must be prepaid by you.
3. If you have any questions about service, please contact:

JAVELIN SYSTEMS
23466 HAWTHORNE BLVD BLDG 5
TORRANCE CA 90505-4716
(310)378-6823

ALL WARRANTIES IMPLIED BY STATE LAW, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY LIMITED TO THE DURATION OF THE LIMITED WARRANTIES SET FORTH ABOVE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you. WITH THE EXCEPTION OF ANY WARRANTIES IMPLIED BY STATE LAW AS HEREBY LIMITED, THE FOREGOING EXPRESS WARRANTY IS EXCLUSIVE AND IN LIEU OF ALL OTHER WARRANTIES, GUARANTEES, AGREEMENTS AND SIMILAR OBLIGATIONS OF MANUFACTURER OR SELLER WITH RESPECT TO THE REPAIR OR REPLACEMENT OF ANY PRODUCT OR PARTS.

IN NO EVENT SHALL JAVELIN SYSTEMS BE LIABLE FOR CONSEQUENTIAL OR INCIDENTAL DAMAGES. Some states do not allow the exclusion or limitation of incidental or consequential damages so the above limitation may not apply to you.

No person, agent, distributor, dealer, service station or company is authorized to change, modify or extend the terms of these warranties in any manner whatsoever. The time within which an action must be commenced to enforce any obligation of Javelin Systems arising under this warranty or under any statute, or law of the United States or any state thereof, is hereby limited to one year from the date you discover or should be discovered the defect. This limitation does not apply to implied warranties arising under state law. Some states do not permit limitation of the time within which you may bring an action beyond the limits provided by state law so the above provision may not apply to you. This warranty give you specific legal rights and you may also have other rights which vary from state to state.

SAFETY PRECAUTIONS

WARNING:

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK,
DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

 **CAUTION** 
RISK OF ELECTRIC SHOCK
DO NOT OPEN

CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER SERVICING TO QUALIFIED SERVICE PERSONNEL



THE LIGHTNING SYMBOL IN THE TRIANGLE TELLS YOU THAT THE VOLTAGE INSIDE THIS PRODUCT MAY BE STRONG ENOUGH TO CAUSE AN ELECTRIC SHOCK. DO NOT TRY TO SERVICE THIS PRODUCT YOURSELF



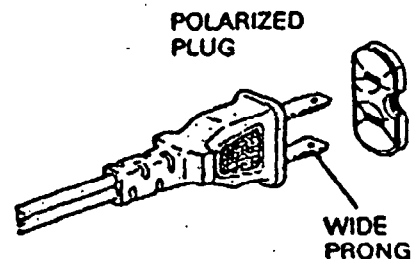
THE EXCLAMATION POINT IN THE TRIANGLE TELLS YOU THAT IMPORTANT OPERATING AND MAINTENANCE INSTRUCTIONS FOLLOW THIS SYMBOL

CAUTION:

TO PREVENT ELECTRIC SHOCK, DO NOT USE THIS POLARIZED PLUG WITH AN EXTENSION CORD RECEPTACLE OR OTHER OUTLET UNLESS THE PRONGS CAN BE FULLY INSERTED INTO THE OUTLET TO PREVENT ANY EXPOSURE OF THE PRONGS ON THE POLARIZED PLUG.

Note:

As a safety feature, this plug has one prong wider than the other. It will fit only one way into a standard electrical outlet. If the plug will not fit into the outlet, try turning it around. If the plug will not fit either way, the outlet is probably old and nonstandard. You will need to have a new outlet installed by an electrician.



DO NOT CHANGE THE SAFETY FEATURE OF THE PLUG.

NOTE TO CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820-40 of the N.E.C. that provides guidelines for proper grounding and, in particular, specifies that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

JAVELIN SYSTEMS

A division of Ademco Security Group, Inc

USA

23456 Hawthorne Blvd., Bldg 5

Torrance CA 90505-4716

(310)378-6823 or (800)421-2716 (USA)

Fax: (310)378-0283

Javelin Systems maintains a complete technical staff to assist in specifying and using Javelin products. Javelin is an Equal Opportunity Employer. Javelin reserves the right to change features and specifications without notice. Printed in USA.