

“Safety 1st, Inc.”

Canton Commerce Center, 45 Dan Road, Canton, Massachusetts 02021

FCC ID: MNJ48016T

Model: 48016

Trade Name: 2.4Ghz Child View Monitor/TV

User's Manual(Preliminary)

Safety 1st®

2.4 GHz Child View Monitor and Television
Television and Baby Monitor in one!
Owner's Guide

(LD of 3/4 view of TV/Monitor and Camera)

No. 48016

Introduction

Thank you for purchasing the Safety 1st Child View Monitor and Television. This is a multifunctional, state-of-the-art video monitor that features an automatic night mode that provides excellent night time viewing of a darkened. This unique monitor also features 3 channel selections for optimal performance as well 2.4GHz RF technology for superior clarity and additional privacy. When not in use as a monitor the monitor unit can be used as a fully functional black & white TV.

Both the Camera and the Video Monitor/TV are AC powered for use with convenient household electricity

We are sure that you will find the Child View Monitor and Television convenient and easy to use. To insure that you benefit from all of the great features that your monitor offers, and to make sure that you use it properly, we urge you to:

Please read all instructions carefully before using this product and keep these instructions for future reference. If you have any questions, please call our consumer relations number at (800)723-3065. In Canada please call (800)721-3389.

CAUTION:

- THE Child View Monitor and Television IS NOT INTENDED TO REPLACE RESPONSIBLE AND PROPER PARENTAL SUPERVISION.
- YOU SHOULD CHECK YOUR CHILD'S ACTIVITY AT REGULAR INTERVALS AS THIS MONITOR WILL NOT ALERT PARENTS TO THE SILENT ACTIVITIES OF A CHILD.

Adult assembly is required.

Tools needed for wall mounting of camera:

Drill, 3/16" (4.8mm) drill bit, hammer, and Phillips screwdriver

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Important Safety Messages

(caution flags/graphics)

TO REDUCE THE RISK OF ELECTRICAL SHOCK, DO NOT REMOVE COVER OR BACK. NO SERVICEABLE PARTS INSIDE.

**REFER SERVICING TO SAFETY 1ST Customer Service
(800) 723-3065.**

WARNING: TO REDUCE THE RISK OF FIRE OR ELECTRICAL SHOCK, DO NOT EXPOSE THIS PRODUCT TO WATER OR MOISTURE.

NEVER ATTEMPT TO OPEN THE CASE OF EITHER THE CAMERA OR MONITOR. THIS IS DANGEROUS AND WILL VOID THE WARRANTY.

This product cannot replace responsible adult supervision of a child. You should personally check your child's activity at regular intervals.

1. Before using your Safety 1st Child View monitor and Television:
 - Read and follow all instructions carefully.
 - Read and observe all warnings on the product and in this instruction booklet.
2. To prevent entanglement with the adapter cord, NEVER place the Camera in or near a crib or playpen. DO NOT place the Camera on any surface or mount it on any wall where the Camera or its AC adapter cord are within reach of children.
3. ALWAYS KEEP THE CAMERA, TV/MONITOR AND AC ADAPTERS OUT OF REACH OF CHILDREN.
4. This product is not intended to be used as a medical monitor and its use should not replace adult supervision. It is important that an adult stay within the viewing range of the Child View Monitor and Television at all times during use.
5. It is essential to check reception regularly. Please see the Reception section for complete instructions.
6. The Camera and Monitor are intended for indoor use only.
7. NEVER use the Camera or Monitor near water. For example, do not use near a bathtub, bathroom sink, laundry tub, kitchen sink, in a wet basement, etc.
8. Always unplug the AC adapters from wall outlets during long periods of non-use.

9. Position the Camera, Monitor and AC adapters to allow adequate ventilation and prevent these components from overheating.
10. To prevent overheating, keep the Camera, Monitor and A/C adapters away from heat sources such as radiators, heat registers, stoves or other appliances (including amplifiers) which produce heat. Also keep these components out of direct sunlight.
11. Use only the AC adapters provided. Use of any other adapters may damage the Camera and/or Monitor. Plug the A/C adapters into standard household current only (120v A/C outlet)! To prevent entanglement and overheating, DO NOT use extension cords.
12. The AC adapters may become slightly warm to the touch during operation. This is normal.
13. Position the AC adapter cords so that they are not walked on or pinched by items placed upon or against them, paying particular attention to cords at AC adapter plugs, wall plugs, and the point at which the cords attach to the Camera and Monitor.
14. This product should be serviced only by qualified service personnel at Safety 1st when:
 - an A/C adapter or its plug is damaged,
 - the Camera or Monitor have fallen,
 - liquid has spilled into the Camera or Monitor, or
 - the Camera or Monitor do not appear to operate normally or exhibit a marked change in performance
15. DO NOT attempt to service this product beyond that described in the Problems and Solutions Guide at the end of these instructions. All other servicing should be referred to qualified personnel at Safety 1st.
16. Retain these instructions for future reference.

NOTE: The LEDs on the Camera emit IR (Infra Red) light that is not harmful.

CAUTION: Changes or modifications not expressly approved by Safety 1st could void the user's authority to operate the equipment.

FCC Note

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used according to the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Re-orient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference which may cause undesired operation.

Care and Maintenance

Child View Monitor and Television is intended for indoor use only. Do not place the Camera where it will receive direct sunlight indoors. Outdoor use may damage the Camera and/or Monitor.

The outer surface of the Camera and Monitor can be cleaned with a cloth LIGHTLY dampened with water or a mild cleaning solution. Do not immerse any part of the Child View Monitor and Television in water.

As with any other electronic product, care should be exercised so as not to drop the product or physically damage it. Electronic components may be affected by such abuse.

Warranty Information

ONE (1) YEAR LIMITED WARRANTY

Safety 1st, Inc., 45 Dan Road, Canton, MA 02021, warrants that the Child View Monitor and Television is free from all defects in material and workmanship when used under normal conditions for a period of one (1) year from the date of purchase.

Should the product fail to function properly, we will repair or replace it at our option, free of charge. Purchaser is responsible for shipping the product to the Safety 1st Customer Service Department at the address indicated above and for all associated freight and insurance cost. Safety 1st, Inc. will bear the cost of shipping the repaired or replaced item back to you. This warranty excludes any other liability other than that expressly stated above, including but not limited to any incidental or consequential damages.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS AND YOU MAY ALSO HAVE OTHER LEGAL RIGHTS WHICH VARY FROM STATE TO STATE.

Important Note: The electronic components in the Child View Monitor and Television are not designed for consumer repair. Evidence of any attempt at consumer repair will void the warranty. Use of adapters other than those specifically designed for this product will also void the warranty. This warranty entitles the original purchaser to have the warranted parts and labor repaired or replaced at no cost for the period of the warranty when the units are carried or shipped prepaid in the original carton, along with proof of purchase, to Safety 1st at the address listed below:

If you have questions or comments, please call our toll free Consumer Relations number. All Safety 1st products are guaranteed. If you are not completely satisfied, please return with proof of purchase to:

Safety 1st, Inc., 45 Dan Road, Canton, MA 02021 USA 800-723-3065
©1999 Safety 1st, Inc.

Safety 1st Canada, Inc., 804 rue Deslauriers, Ville St-Laurent, Quebec H4N1X1 Canada
800-721-3389

Safety 1st Europe, Ltd. Isopad House, Shenley Road, Borehamwood, Hertfordshire
WD61TE Great Britain +44(0) 20 8236 0707

Made in CHINA to Safety 1st quality specifications.

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Contents

Camera

Monitor

(2) Wall Anchors

(2) Screws

(LD of Camera; Monitor; Monitor AC Adapter; Screws and Anchors)

Features and Components - Camera

1 Base/Wall Mount

2 Night Vision LEDs: Allows Camera to automatically adjust to darkened room

3 ON/OFF Switch

4 Power Indicator

5 Microphone

6 Channel Switch (A, B, or C)

7 Wide-Angle Camera Lens

8 Moveable Antenna

9 AC Adapter

10 Tilt Adjustment Knob. Controls up and down tilt of camera for optimal viewing

(LD of left side w/ attached AC Adapter; front; top of camera)

Camera

1 2 3 4 5 6 7 8 9 10 11

Features and Components - Monitor

1 5" Black & White Video Display Screen

2 Mode Switch (TV/Camera/Audio Only/Off)

3 VL, VH, UHF switch for Television: A, B, C channel switch for Monitor Function

4 Volume Control Dial

5 TV Channel Rotary Dial

6 TV Channel Display

7 Moveable Telescoping Antenna

8 Sound lights/Tuning indicator LEDs

9 Built in Handle for ease of portability

- 10 Speaker
- 11 AC Adapter Jack
- 12 Video Adjustment Knobs: Vertical Hold, Brightness, Contrast
- 13 AC Adapter

(LD of Monitor front; left side; top; back; AC Adapter)

Monitor

1 2 3 4 5 6 7 8 9 10 11 12 13

AC Adapters

The AC Adapters are a low voltage power source that allows you to use your household electricity to run the Child View Monitor and Television. The separate Ac Adapter connects to the AC Adapter Jack in the Monitor and the Camera has a Factory attached AC Adapter, and both plug into any standard 110 volt electrical outlet in your home.

CAUTION: These adapters were made with a specific design for Safety 1st Child View Monitor and Television. They cannot be used with any other appliance. Never use a different type of adapter with this monitor.

(LD of AC Adapter)

AC Adapter

Operating Your Child View Monitor and Channel settings

Always remember that you are using public airwaves when you use the Safety 1st Child View Monitor and and Television. Sound and video may be broadcast to other receiving devices. Conversations, even from rooms near the Camera, may be broadcast as well.

CAUTION: To protect your privacy, always turn the Camera off when not in use.

It is possible for the Monitor to pick up sounds or display interference from other signal producing devices including other audio or video monitors which broadcast in the 2.4 GHz range. To minimize this potential problem, three channels have been provided for your use.

If you experience interference while using one channel setting, simply switch the Camera and Monitor to another channel. Selecting a channel is usually a one-time adjustment. If interference persists on both channels, please refer to the Problems and Solutions Guide at the end of these instructions.

Monitor Reception

It is very important to test the video and sound reception of the Child View Monitor and and Television at the following times:

- before installing wall mount screws for permanent installation,

- before initial use,
- regularly during use
- whenever you change the location of the Camera or Monitor.

To Test: It is easiest for two adults to test reception. One adult should be present in the room with the Camera, while the other adult moves the Monitor to several different locations throughout the house. As with any audio equipment, feedback or a high pitched shrill sound may occur if the Camera and Monitor are too close to each other. It is important to test sound quality and video reception in each location in which you intend to use the Child View Monitor and Television.

To test the video reception, the adult present in the room with the Camera should place the Camera in the most appropriate location for monitoring the baby (on a table top, dresser, or against a wall). Direct the Camera lens toward the area you want to see on the Monitor screen. (While testing, it may be helpful to place an object, such as a doll or stuffed animal, in the area you want to be viewing on the monitor.) Check the video reception on the Monitor screen. Use the Fine Tuning Knob on the Back of the Monitor to tune-in the picture (Fine Tuning Knob adjusts picture in monitor mode only). Adjust the quality of the picture using the contrast, brightness and vertical hold (V-hold) adjustment knobs on the back of the Monitor. Make sure you check reception in all areas in which you intend to use both the Monitor and Camera.

The Camera has Auto Sensor to allow the Camera to see clearly, automatically, even in a completely darkened room.

To test sound reception quality, have the adult present in the room with the Camera speak in both a whisper and a normal conversation level at the location of the child being monitored. During sound testing, keep in mind the volume of your child's sounds and test accordingly.

If only 1 adult is present for sound testing, run quickly between two rooms.

The Monitor must be placed far enough away from the Camera to prevent feedback noise from occurring. Usually this means placing the Monitor in a different room than the Camera is in.

Camera Location and Set Up

You can position and adjust the Camera in a variety of ways to provide the best view of your baby at all times. The Camera can be easily mounted on a wall, or it can be simply placed on a stable, flat surface, such as a dresser, table top or shelving unit.

IMPORTANT: Once you have selected a location for mounting, **TEST** the reception of the Child View Monitor and Television **BEFORE INSTALLING** any wall mount screws. Have one adult hold the Camera at the desired mounting location while another adult checks the Monitor for the desired view. If interference or other problems occur, please refer to the Problems and Solutions Guide at the end of these instructions.

In selecting a location to wall mount the Camera, keep the following things in mind:

- To prevent entanglement, only mount the Camera in a location where it and its A/C adapter cord are **OUT OF REACH OF CHILDREN**.
- For best viewing, mount the Camera approximately 6' (2m) away from the object.
- Mount the Camera in a location where the camera lens will have an unobstructed view. Use the tilt and swivel adjustments to properly aim the Camera.

- Allow adequate ventilation of the Camera when mounted on a wall. DO NOT mount the Camera directly above heating vents, other heat producing sources or in direct sunlight.
- Make certain that the Camera will be mounted so that the AC adapter cord will reach an outlet. To prevent entanglement and overheating, NEVER use an extension cord.

Camera Wall Mount Installation

- Hold the Camera flat against the wall in the location selected for mounting.
- Using a pencil, make a small mark at the bottom center of the base/wall mount.
- Align the full-size template printed on the back page with the pencil mark on your wall. Make sure that the template is vertical and not tilted. Now mark locations for the two screw holes.
- Using a 3/16" (4.8mm) drill bit on an electric drill, drill two holes in the wall, one at each location previously marked with your pencil.
- Place a wall anchor in each of the drilled holes. Tap gently with a hammer on each of the wall anchors until the ends of the wall anchors are even or flush with the surface of the wall.
- Place a screw in each wall anchor and tighten until there is 1/4" (6.2mm) gap between the wall and the screw head.

Mounting the Camera on the Wall

- Unwrap and fully extend the AC adapter cord.
NOTE: Two AC adapters are included with the TV Surveillance System and Television. The AC adapters cannot be used interchangeably. Use the adapter with the longer cord with the Camera. Use only the AC adapters included with the TV Surveillance System and Television.
- Plug the jack on the Cameras' AC adapter cord into the AC adapter jack on the side of the camera.
- Hold the Camera so that the underside of the base/wall mount faces you.
- Insert the AC adapter cord into the two grooves on the underside of the Camera base/wall mount, as shown. Make certain the AC adapter cord stays in the grooves as you place the camera on the wall mount screws.
- Mount the Camera on the wall mount screws making sure that the lower screw is positioned between the two "walls" on the underside of the base/wall mount. The upper keyhole on the underside of the base/wall mount should slip firmly over the upper screw.
- Slide the Camera base/wall mount down on the screws to secure it to the wall.
NOTE: If the Camera does not slip easily onto the wall mount screws, remove the Camera from the wall and slightly loosen the upper wall mount screw.
- Plug AC Adapter into a standard wall outlet.
- Wrap up and secure any excess AC adapter cord.

(LD of camera being located on wall and marked for position; of screw anchors being tapped in wall; of measurement for screw insertion; of back of camera mounting plate; of camera mounted and being aimed

1/4" (6.2mm) {show measurement lines and arrows}

Camera Table Top Set Up

The Camera can be positioned on any stationary flat surface, such as a dresser, table top or shelving unit. Position the camera approximately 6' (2M) away from the desired object.

Important note: To prevent entanglement, never place the Camera in a crib or playpen. Always position the Camera and its A/C adapter cord out of child's reach.

NOTE: Use only the AC adapters included with the TV Surveillance System and Television.

- Unwrap and fully extend the AC adapter cord.
- Plug AC Adapter into a standard wall outlet.
- Wrap up and secure any excess AC adapter cord.

Monitor Set Up

The portable Monitor operates by use of the AC Adapter cord included with the Child View Monitor and Television. **REMEMBER:** Use only the AC Adapter included with the Child View Monitor and Television for Monitor power. **NOTE:** Keep the Monitor out of the reach of children. Keep the Monitor upright for best reception.

Important Notes:

- Keep the Monitor out of reach of children.
- Keep the Monitor upright for best reception.

Monitor Operation

- Place the Monitor where you can see and hear it.
- Unwrap and fully extend the AC adapter cord.
- Plug the jack on the Monitor's AC Adapter cord into the AC adapter jack (DC 12v IN) on the back of the Monitor.
- Plug the A/C adapter into a standard wall outlet.
- Wrap up and secure any excess AC adapter cord.
- Turn the Monitor "ON" by:
 - Sliding the power switch to the left position (Camera).
- Sliding the channel switch to either A, B or C to match the camera setting.
- Adjust the volume rotary dial to a comfortable sound level.
- Use the Fine Tuning Knob to tune-in or improve the video image.
- If necessary, adjust the video image using the V-Hold, Contrast and Brightness adjustment knobs on the back of the monitor, as needed. For your easy reference, please refer to the following definitions of these adjustments.
- V-Hold - This knob controls the vertical framing of the picture. Turn this knob to obtain a steady picture that does not roll up or down.
- Contrast - This knob allows you to vary the intensity of the light/dark contrast of your picture.
- Brightness - This knob allows you to increase or decrease how bright the picture appears on the Monitor.

(LD of 3/4 view of back of Monitor)

(LD of 3/4 view of front of Monitor)

System Use

- Set Camera and Monitor to the same channel.
- Slide the ON/OFF switch on the top of the Camera to the "ON" position.
- Adjust the Fine tuning knob on the back of the Monitor for the clearest picture of your baby.

To Adjust:

- Turn the tilt adjustment knob counter-clockwise to loosen the camera. Move the camera up or down to the desired position and tighten the camera in place by turning the tilt adjustment knob clockwise. **DO NOT OVER TIGHTEN.**
- Swivel the camera from side-to-side to obtain desired position.
- Position the tip of the Camera's antenna so that it points to the ceiling.
- Use the V-Hold, Contrast and Brightness adjustments on the Monitor to obtain the best picture.
- Extend and position the Monitor's antenna for the best reception.
- If you experience interference problems on one channel, switch both the Camera and the Monitor to the other channel and readjust.
- If interference persists, refer to the Problems and Solutions Guide.

CAUTION: To protect the privacy of your home, always turn the Camera OFF when it is not in use.

Using the Monitor as a Television

1. Switch the TV/CAMERA/AUDIO ONLY/OFF mode to TV.
2. Select either VL (for channels 2-6), VH (for channels 7-13) or UHF (for channels 14-83) depending on the station that you want to view.
3. Tune the TV to the desired station using the Channel Selector dial.
4. Adjust volume.
5. Adjust antenna for best picture.

Problems and Solutions: Child View Monitor and Television

IMPORTANT!

If you have a problem with the Child View Monitor and Television, first check the Problems and Solutions Guide below. If you still experience a problem with the Child View Monitor and Television, please contact Safety 1st Customer Service, toll-free at (800) 723-3065 between 9am and 5pm Eastern time, or write to:

Customer Service Department

Safety 1st, Inc.

45 Dan Road

Canton, MA 02021

Problem	Possible cause	Solution
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Warranty

ONE (1) year limited warranty
Safety 1st... WARRANTY.

If you...©1999 Safety 1st, Inc.

9/99

1(...) ? (inclusive)

(LD of wall mounting template)

MARK HERE FOR SCREW HOLE

MARK HERE FOR SCREW HOLE

LINE UP BOTTOM OF TEMPLATE WITH PENCIL MARK ON WALL