



# V-MOTION™ ACTIVE LEARNING SYSTEM



### Parent Letter

Dear Parent,

A VTech®, we know that every year, children are asking to play video games at younger and younger ages. At the same time, we understand the hesitation of most parents to expose their children to the inappropriate content of many popular video games. How can parents responsibly allow their children to play these games, and still educate and entertain them in a healthy, age-appropriate manner?

Our answer to this question is **V-Motion™ Active Learning System!** A big breakthrough for junior gamers, V-Motion™ takes educational video gaming to a whole new level with a motion-activated gaming system that engages both active minds and bodies.

V-Motion™ plugs directly into the TV to provide kids with a high-tech gaming experience using thrilling, age-appropriate learning games and a motion-activated, intuitive wireless controller. The V-Motion™ Active Learning System engages children with two modes of play: the Learning Adventure - an exciting exploratory journey in which learning concepts are seamlessly integrated, and the Learning Zone - a series of games designed to focus on specific skills in a fun, engaging way. Each Smartridge™ game encourages active gaming while giving kids' minds a workout, too, as they learn basic math, reading, science, spelling and more.

In addition to the action-packed Smartridge™ game play, the V-Motion™ includes the V.Link™ (USB drive) that connects kids to VTech's secure online site to unlock bonus games and track their scores against other gamers.

At VTech®, we are proud to provide parents with a much-needed solution to the video game dilemma, as well as another innovative way for children to learn while having fun. We thank you for trusting VTech® with the important job of helping your child explore a new world of learning!

Sincerely,  
  
 Julia Fitzgerald  
 Vice President, Marketing  
 Vtech Electronics, NA

To learn more about the V-Motion™ Active Learning System™ and other VTech® toys, visit [www.vtechkids.com](http://www.vtechkids.com)

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### PARENT'S TV TIPS

#### A Healthy, Balanced "TV Diet"

By Dr. Helen Boehm

Television was long considered the "uninvited" guest in American households. However, today many realistic and caring parents are partnering with television to create electronic classrooms -- right in their own living rooms. They are no longer asking if children should watch TV but, rather, which programs and on-screen activities should be part of their children's TV intake.

The same balanced and structured approach to developing healthy eating habits translates to watching less, different and better television! This "TV diet" gives families a menu for regulating children's viewing, choosing "healthy" program content and reducing the quantity and potency of television consumed.

So, what does a healthy, balanced "TV diet" look like?

**A well-balanced diet is best...**

Consider a healthy mixture of age-appropriate programming and activities that educate, engage and entertain! A variety of viewing and interactive experiences can turn a TV screen into an electronic classroom for learning and fun.

**Trim the fat...**

It is important to reduce children's sedentary behavior and eliminate unhealthy programs that contain violent, aggressive or disrespectful behaviors.

**Move out of the candy store...**

Parents are children's first teachers and their most powerful role models. It is difficult to improve children's viewing when parents are modeling other TV viewing behaviors. Consider adapting your own TV habits as a healthy example for your child.

**Plan menus and season to taste...**

Whenever possible, eliminate channel surfing and encourage the viewing of specific, pre-selected shows. The PG-TV ratings help parents make more informed selections that take into account the content and age-appropriateness of programs. For example, Y-7 shows are designed for children 7 and older who can distinguish between fact and fantasy. A TV-Y7-FV rating indicates that "fantasy violence" is present in an episode of an animated program.

### INTRODUCTION

Thank you for purchasing the V-Tech® V-MOTION™ Active Learning System!

The **V-MOTION™ Active Learning System** is a brilliant breakthrough gaming console that combines wireless, motion-activated play, web connectivity and educational gaming into a system that plugs directly into your TV! Your child will love the wireless action-packed play that guides them through age-appropriate skill levels and developmental activities.

**Control couch potatoes...**

Children benefit from participation in movement, fitness activities and sports. These bodily actions are not only important for a child's physical growth and development but also to monitor their emotional stability, social skills and obesity. Limit sedentary screen time and blend physical and mental pursuits, like active on-screen games and video activities, into the TV mix.

**Starvation diets don't work...**

Many parents have found that restricting all TV time is an impractical long-term strategy. It is possible, however, to set realistic limits that are welcomed by both parent and child! Make viewing a choice and not a habit. Eliminate some TV time by setting a few basic rules, such as restricting television during meals or before the day's homework is completed.

**News fast...**

The realism of TV news can be overwhelming and scary for young children and reinforces their profound safety concerns. Exposure to TV news images, particularly without a context for scenes of terrible suffering, can cause vivid and long lasting fears.

**Food for thought...**

Whenever possible, connect viewing with learning. Many programs and characters are based on books and many on-screen subjects -- from geography to sports -- can inspire a lifelong interest in reading. Choose age-appropriate video activities that encourage interaction and challenge critical thinking.

Dr. Helen Boehm is the author of *The Right Toys*, *Fearless Parenting* and many magazine articles on parenting and responsible children's media. A distinguished psychologist and nationally known authority on children's development, play, and media, Dr. Boehm headed Public Responsibility and Network Standards at MTV/Nickelodeon and was Vice President of the Fox Children's Network.

### PRODUCT FEATURES

- **Storage Compartment**  
Stores up to nine Smartridges™.
- **Smartridge™ Slot**  
Insert a Smartridge™. The Smartridge™ should lock into place.
- **Wireless Controller Signal Receiver**  
Light will turn on when it's receiving a signal from a wireless controller.
- **Wired Controller Port**  
Pull down the rubber door and plug in a wired V.SMILE® controller or accessory (sold separately).
- **Battery Compartment**  
Please see page 6.
- **HELP Button** (?)  
Press this button to hear helpful hints in certain games.
- **LEARNING ZONE Button** (LZ)  
Press this button to enter the Learning Zone play mode.
- **EXIT Button** (E)  
Press this button to exit or pause a game.
- **Joystick**  
Lights turn on to indicate when the controller is moving up, down, left or right.
- **OFF/Player 1/Player 2 Switch**  
Move this switch to turn the controller OFF or to assign Player 1 or Player 2 to the controller. Be sure to turn the controller OFF when it's not in use. Please see pages 8-11 for more information.
- **Wrist Strap Attachment**  
Attach wrist strap here. Please see page 8 for more information.
- **Wrist Strap**

### GETTING STARTED

- **Battery Installation**  
  - **V-MOTION™ Console**
    - Make sure the unit is turned OFF.
    - Locate the battery cover on the bottom of the unit.
    - Remove the battery cover and insert 4 X 1.5V AA LR6/AM-3 batteries as indicated in the diagram.
    - Replace the battery cover and make sure it is secure.
  - **V-MOTION™ Wireless Controller**
    - Make sure the Wireless Controller is turned OFF.
    - Locate the battery cover on the bottom of the unit.
    - Remove the screw of the battery cover with a screwdriver or a coin, and insert 3 x 1.5V AAA AM4/LR03 batteries as indicated in the diagram.
    - Make sure battery cover is securely attached.
- **Battery Notice**
  - Install batteries correctly observing the polarity (+, -) signs to avoid leakage.
  - Do not mix old and new batteries.
  - Do not mix batteries of different types: alkaline, standard (carbon-zinc) or rechargeable (Ni-Cd or Ni-MH).
  - Remove the batteries from the equipment when the unit will not be used for an extended period of time.
  - Always remove exhausted batteries from the equipment.
  - Do not dispose of batteries in fire.
  - Do not attempt to recharge ordinary batteries.

### CONNECTING TO A TV

Connect the **V-MOTION™ Active Learning System** to your TV or monitor by plugging the colored cables on the unit into the matching color video and audio input jacks on your TV set.

**For TVs with stereo audio inputs:**

- Connect the yellow plug on the **V-MOTION™** cable to the yellow video input terminal on your TV.
- Connect the white and red plugs on the **V-MOTION™** cable to the white and red audio input terminals on your TV.

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- Connect the white and red plugs on the **V-MOTION™** cable to the white and red audio input terminals on your TV.

**For TVs with a mono audio input:**

- Connect the yellow plug on the **V-MOTION™** cable to the yellow video input terminal on your TV.
- Connect the white or red plug on the **V-MOTION™** cable to the white or red audio input terminal on your TV.

**Connecting to a VCR**

If there is no video IN and audio IN terminal on your TV set, you can connect **V-MOTION™** to a VCR.

**Connecting to the Console - One-Player Mode**

- Locate the OFF/Player 1/Player 2 Switch on the bottom of the controller. Move the switch to Player 1. (Figure 3)
- Make sure the controller's Motion Sensor Signal is directly facing the **V-MOTION™** console. (Figure 4)
- When the direction lights and the light on the **V-MOTION™** console stop blinking, the connection is complete. (Figure 5)
- Move the OFF/Player 1/Player 2 Switch to OFF when controller is not in use. (Figure 6)

**Connecting to the Console - Two-Player Mode**

- Locate the OFF/Player 1/Player 2 Switch on the bottom of the controller. Move the switch to Player 2. (Figure 7)
- Repeat the steps above to be sure the controller is connected for Player 2.

**To Begin Play**

- Make sure the unit is turned OFF.
- Insert a **Smartridge™** into the **Smartridge™** slot on the front of the main unit. The **Smartridge™** should lock into place. Please use care when removing the **Smartridge™** from the slot.
- Turn on the TV.
- Set your TV input mode to accept input from the port to which **V-MOTION™** is connected. In many cases this will involve setting the TV to "video" mode; however, since all TVs vary, please refer to your TV or VCR manual for further details.
- Turn the **V-MOTION™** Active Learning System on by pressing the **ON/RESTART Button**.

**V-MOTION™ Console**

**Notice:** **V-MOTION™** can play both **V-MOTION™** and **V.SMILE®** Smartridges™.

**Using the V-MOTION™ Wireless Controller**

**How to Attach the Wrist Strap to the Controller**

- Locate the wrist strap attachment on the bottom of the controller. Attach the wrist strap through the hole. (Figure 1)
- Place your hand through the wrist strap, so that the strap fits comfortably on your wrist. Hold the controller firmly in your hands while playing. (Figure 2)

**Connecting to the Console - One-Player Mode**

- Locate the OFF/Player 1/Player 2 Switch on the bottom of the controller. Move the switch to Player 1. (Figure 3)
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- Move the OFF/Player 1/Player 2 Switch to OFF when controller is not in use. (Figure 6)

**Connecting to the Console - Two-Player Mode**

- Locate the OFF/Player 1/Player 2 Switch on the bottom of the controller. Move the switch to Player 2. (Figure 7)
- Repeat the steps above to be sure the controller is connected for Player 2.

**Connect V.SMILE® Accessories or Wired Controller to V-MOTION™**

Pull down the rubber flap on the front of the **V-MOTION™** console. Plug the **V.SMILE®** accessory or controller into the port.

**Notice:** When both a **V-MOTION™** wireless controller and a **V.SMILE®** wired controller or accessory are connected, the wired unit will register as Player 1. Please set the wireless controller to Player 2.

**CAUTION**

**WEAR THE WRIST STRAP WHEN USING THE V-MOTION™ CONTROLLER.**

- Make sure all players use the wrist strap.
- When sharing the **V-MOTION™** CONTROLLER among multiple players, make sure each person uses the wrist strap properly.
- Wearing the wrist strap will prevent you from accidentally dropping or throwing the controller during game play, which could damage the controller or surrounding objects, or cause injury to other people.

**ALLOW ADEQUATE SPACE AROUND YOU DURING GAME PLAY**

- Adequate space is required during game play. Stay at least 15 feet away from the TV.
- As you move around during game play, make sure objects and other people are out of your range of movement to prevent damage or injury.

**DO NOT LET GO OF THE V-MOTION™ CONTROLLER DURING GAME PLAY**

- Read the user's manual booklet for the game you are playing and follow all game control instructions for correct use of the **V-MOTION™** controller or accessories.
- Hold the controller securely and avoid excessive motion, as it may cause you to let go of the controller and may break the wrist strap.
- If your hands become moist, stop and dry your hands.

**V-MOTION™ PLAY GUIDELINES**

**For Best Results While Playing Games**

The recommended distance between the **V-MOTION™** console and wireless controller is three to 15 feet.

**CAUTION - Adequate Space Required**  
Be sure you have enough space around you during game play. To avoid injury or damage, make sure other people or objects are not within your range of motion.

**Basic Operations**

The following demonstrates the basic operations of the **V-MOTION™** wireless controller. Operations will vary per game. Read the **Smartridge™** user's manual for the game you are playing, and follow its instructions.

**CAUTION : Use the Wrist Strap**

**Using the V.Link™**

- Insert the **V.Link™** into the **V.Link™** port. Be sure the sliding button side of the **V.Link™** is facing up for proper placement.
- The **V.Link™**'s green indicator light will turn on to let you know the **V.Link™** is transferring information.
- For more details, please see the **V.Link™** User's Manual.

**V-MOTION™ PLAY GUIDELINES**

**Using the V-MOTION™ Wireless Controller**

Make sure all players wear the wrist strap securely on their wrist and hold the controller with both hands during play.

**WARNING**

A very small percentage of the public, due to an existing condition, may experience epileptic seizures or momentary loss of consciousness when viewing certain types of flashing colors or patterns, especially on television. While the **V-MOTION™** does not contribute to any additional risks, we do recommend that parents supervise their children while they play video games. If your child experiences dizziness, altered vision, disorientation, or convulsions, discontinue use immediately and consult your physician.

Please note that focusing on a television and LCD screen at close range and handling joystick controls for a prolonged period of time may cause fatigue or discomfort. We recommend that children take a 15 minute break for every hour of play.

**Tilt the controller right or left.**

**Tilt the controller forward or backward.**

**Drive**

**Note :** The **V-MOTION™** wireless controller is not compatible with the original V.Smile® TV Learning System.

**Using the V.Link™**

- Insert the **V.Link™** into the **V.Link™** port. Be sure the sliding button side of the **V.Link™** is facing up for proper placement.
- The **V.Link™**'s green indicator light will turn on to let you know the **V.Link™** is transferring information.
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**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
The power light does not come on when the <b>ON/RESTART Button</b> is pressed.	1. Incorrect or missing power connection	1. Check that new batteries are correctly installed, or an AC/DC adaptor (9V 300mA, center-positive) is properly connected to the main unit.
	2. Program needs to be reset	2.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 2.2. Press the <b>ON/RESTART Button</b> . 2.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**CARE & MAINTENANCE**

- Keep your **V-MOTION™** clean by wiping it with a slightly damp cloth. Never use solvents or abrasives.
- Keep it out of direct sunlight and away from direct sources of heat.
- Remove the batteries when not using it for an extended period of time.
- Avoid dropping it. NEVER try to dismantle it.
- Always keep the **V-MOTION™** away from water.
- The AC adaptor should be regularly examined for damage to the cord, plug, enclosure and other parts. In the event of such damage, the **V-MOTION™** must not be used with this adaptor until the damage has been repaired.

**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
The power light is ON, but there is no picture (or incorrect picture) on the screen.	1. Incorrect TV connection	1. Make sure that the yellow plug of the main unit is connected to the video IN terminal (usually yellow) of the TV.
	2. Incorrect TV mode selected	2. Make sure that the TV is set to "video" mode. Some TVs have several video inputs -- please make sure you have selected the video input that matches the video port connected to the <b>V-MOTION™</b> unit.
	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
The power light is ON, but there is no picture (or incorrect picture) on the TV, and pressing the <b>OFF Button</b> has no effect.	1. Program needs to be reset	1.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 1.2. Press the <b>ON/RESTART Button</b> . 1.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .
	2. Cable connection problem	2.1. Make sure that the video cable is firmly connected to the video input of the TV.
	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
The TV picture is black and white.	1. Non-matching color system	1.1. Make sure that the TV is set to the correct TV system (e.g. NTSC or Auto).
	2. Cable connection problem	2.1. Make sure that the video cable is firmly connected to the video input of the TV.
	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
There is a picture on the TV, but no sound.	1. TV setting	1.1. Raise the volume of the TV, and make sure it is not set to "Mute."
	2. Cable connection problem	2.1. Make sure that the white and/or red plug is firmly connected to the audio input of the TV.
	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**TROUBLE SHOOTING**

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	2. Incorrect TV mode selected	2. Make sure that the TV is set to "video" mode. Some TVs have several video inputs -- please make sure you have selected the video input that matches the video port connected to the <b>V-MOTION™</b> unit.
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The power light is ON, but there is no picture (or incorrect picture) on the TV, and pressing the <b>OFF Button</b> has no effect.	1. Program needs to be reset	1.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 1.2. Press the <b>ON/RESTART Button</b> . 1.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .
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	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

**TROUBLE SHOOTING**

Problem	Possible Reason	Solution
The power light is ON, but there is no picture (or incorrect picture) on the screen.	1. Incorrect TV connection	1. Make sure that the yellow plug of the main unit is connected to the video IN terminal (usually yellow) of the TV.
	2. Incorrect TV mode selected	2. Make sure that the TV is set to "video" mode. Some TVs have several video inputs -- please make sure you have selected the video input that matches the video port connected to the <b>V-MOTION™</b> unit.
	3. Program needs to be reset	3.1. Disconnect all power supplies (batteries and adaptor), then reconnect all power supplies. 3.2. Press the <b>ON/RESTART Button</b> . 3.3. If the problem persists, remove the Smartridge. Inspect the inside of the Smartridge by pushing up the protective sleeve on the bottom of the Smartridge. Clean the inside piece with a dry, soft cloth. Then, re-insert the Smartridge and press the <b>ON/RESTART Button</b> .

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**TECHNICAL SUPPORT**

If you have a problem that cannot be solved by using this manual, we encourage you to visit us online or contact our Consumer Services Department with any problems and/or suggestions that you might have. A support representative will be happy to assist you.

Before requesting support, please be ready to provide or include the information below:

- The name of your product or model number (the model number is typically located on the back or bottom of your product).
- The actual problem you are experiencing.
- The actions you took right before the problem occurred.

Internet : [www.vtechkids.com](http://www.vtechkids.com)  
Phone : 1-800-521-2010 in the U.S. or 1-877-352-8697 in Canada

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**NOTICE:** 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 in accordance with 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:

- Reorient 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.

Caution: changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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