VMD-SI
INSTRUCTIONS
DIGITAL MOTION EVENT RECORDER

This system saves hours of reviewing recorded tapes; it only records when there is action on the camera field of view, picking up on the tape, only the events that occur in the designated place. The incorporated digital motion detector is very sensitive and will detect variations on the Video signal that will trigger the record function.

In addition, our mechanism also saves the VCR head's life, because the VCR only is used when needed.

Unlike our system, the bad video quality is a common problem in tapes recorded in Time Lapse VCR's that operate continuously all year around recording unnecessary footage.

This VCR also performs as a regular VCR when the Digital Motion Detector is off.

Easy Step Setup:

1. Plug the AC Cord to the 110 AC outlet.
2. Connect the camera to "VIDEO IN" on the back of the VCR.
3. Connect the VCR output to video monitor or a TV to monitor the system, after the set up is complete you don't need the TV or monitor to be on or connected to the VCR.
4. Turn on the VCR by pressing "POWER"
5. For wired cameras and wireless systems set the VCR to "AUXILIARY INPUT", below channel 2 by pressing the channel selector (arrow down).
6. The motion light on the front of the VCR unit will light up every time that the system is triggered. It is recommended that you use this light as a tool to test the unit to confirm that it is responding in motion.
7. Insert a tape and turn the AUTO REC switch to the "ON" position to activate the video motion record mode.
8. After triggered by a movement within the camera field of view the VCR will start recording and will stop approximately 70 seconds after the movement seized.
9. To extend the tape record time, set the VCR to SPL speed following the manual instructions.

Note:

1 Unit will activate with sudden light changes, moving object or if signal is lost or has interference.

2 Do not aim the camera to any TV or computer screen.

TROUBLE SHOOTING: VIDEO MOTION DETECTOR

ALWAYS CHECK TO MAKE SURE THAT THE PROBLEM LIES WITH THE VIDEO MOTION DETECTOR VCR. IF YOU ARE HAVING PROBLEMS WITH THE VIDEO ON YOUR SYSTEM, TRY SWITCHING CAMERAS TO SEE IF THE PROBLEM LIES WITH THE CAMERA.

MOST COMMON CAUSES FOR FALSE TRIGGERING:

1. Flicking fluorescent lights.
2. TV and computer screens on the camera field of view.
3. Blinking lights from demo racks.
4. Plants and objects moving with the air flow.
5. Ceiling Fans.
6. Mirrors reflecting moving images.

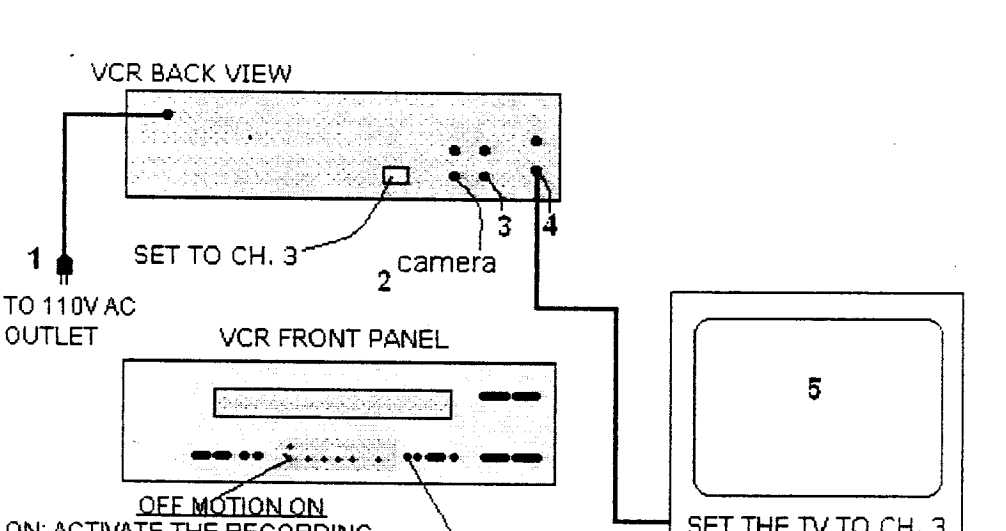
WHEN USING WIRELESS CAMERAS:

1. Interferences: select a different channel
2. Poor signal: keep the transmitter and receiver in a good reception range. To increase the range aims both, the transmitter and the receiver antenna one to another.
3. Keep in mind that the video motion detection chip is designed for a wired system.

THE USE OF FLUORESCENT ILLUMINATION CAN CAUSE OFTEN CAUSE A FALSE TRIGGERING.

WHEN THE SYSTEM IS SETUP AND WORKING PROPERLY, THE PICTURE SHOULD BE STABLE AND CLEAR. IF IT IS NOT, CHANGE THE CAMERA/ TRANSMITTER'S POWER ADAPTOR.

CONNECTION DIAGRAM



1. AC CORD---PLUG IN A 110V OUTLET.

2. VIDEO INPUT; USING A RCA-RCA CABLE, CONNECT THE VIDEO SIGNAL FROM ANY WIREDCAMERA OR WIRELESS RECEIVER.

3. VIDEO OUTPUT; CONNECT THE SIGNAL FROM THIS OUTPUT TO THE VIDEO OUTPUT IN ANY VIDEO MONITOR.

4. RF OUT; IF THERE IS NOT A VIDEO MONITOR AVAILABLE CONNECT THIS OUTPUT SING THE "F" TO "F" CABLE TO ANY TV ANTENNA INPUT AND SET THE TV TUNING TO CHANNEL 3.

5. VIDEO MONITOR; AFTER SETTING THE SYSTEM, IF THE CONTINOUS OBSERVATION IS NOT NECESSARY THE MONITOR CAN BE OFF