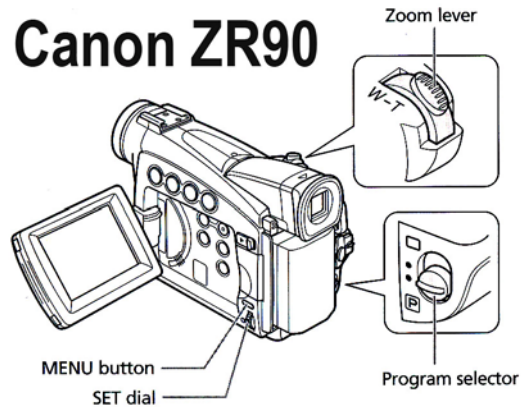


CANON ZR90 SETUP AND CONTROLS



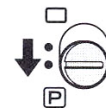
SETTING UP THE CAMCORDER

* When the Camera is in EASY RECORDING MODE □, you can't access the manual control functions, so **do this first!**

I. Set the Program Selector to **P**

This allows the use of digital effects, Manual Focus, and Program AE Mode (Sand & Snow Settings)

1. Set the Program selector to **P**



2. Press the Set dial.



3. Select AUTO mode and press the SET dial.



II. Set Recording Mode to SP.

When using LP Recording Mode, the video is poor quality and sometimes can't be edited.

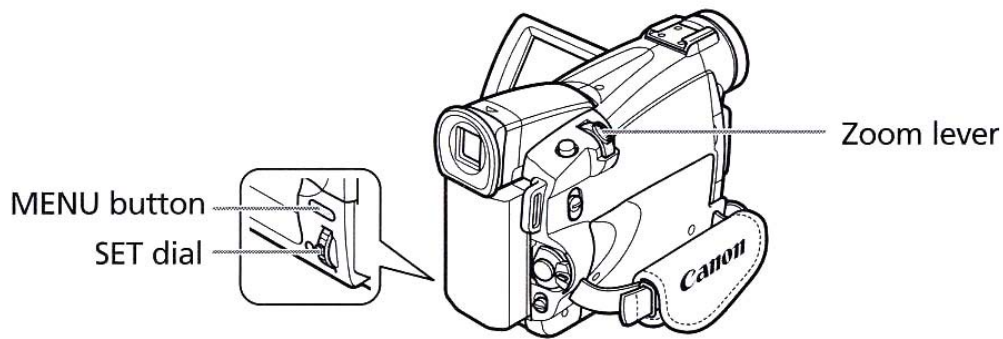


1. Push the MENU button on the Left side of the Camera.
2. Select VCR SETUP with the SET dial.
3. Select REC MODE with the SET dial.
4. Select SP with the SET dial.
5. Push the MENU button on the Left side of the Camera to close the MENU.



III. Turn off the Digital Zoom.

Using the Digital Zoom results in "FUZZY" Video. The Optical Zoom gives better quality.



1. Push the MENU button on the Left side of the Camera.

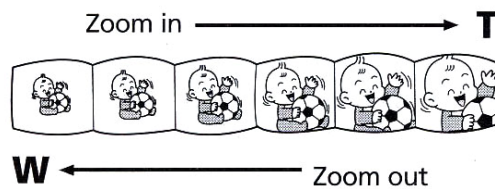


2. Select CAMERA SETUP with the SET dial.

3. Select D.ZOOM with the SET dial.

4. Select OFF with the Set dial.

5. Push the MENU button on the Left side of the Camera to close the MENU.

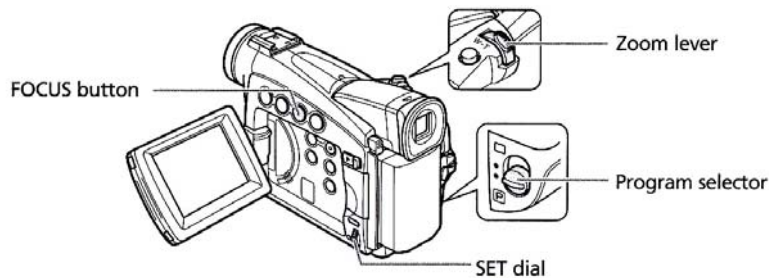


* On the ZOOM LEVER there is a W and a T. The “W” stands for Wide-angle and the T stands for Telephoto.

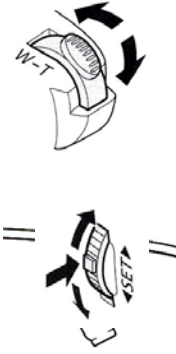
SETTING PROGRAMMABLE FEATURES

I. Turn ON/OFF Manual Focus

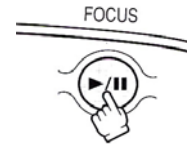
Manual Focus is necessary to assure the sharpest focus during pans, zooms and under certain lighting situations. Auto Focus is best for Extreme Close-up shots with the Zoom set to the widest view.



1. After you have your subject aligned, zoom all the way into your subject. Be sure that digital zoom is turned off as described in "SETTING UP THE CAMCORDER" above.
2. Press the FOCUS button and "MF", which stands for Manual Focus, will appear on your viewfinder.



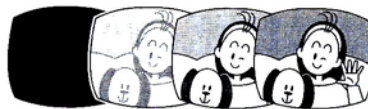
3. Turn the SET dial to adjust the focus until the image is as sharp as possible.
4. If needed, press the FOCUS button again to go back to AUTO FOCUS. Auto Focus generally works best for ECU shots when camera is very close to subject and zoom is set to widest view. However, if the subject is highly reflective and causes the focus to go in/out, switch back to manual focus.



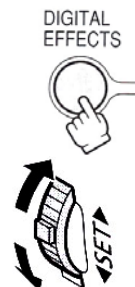
II. Using the FADE-T Digital Effects

Used to Fade in from black, and out to black.

Fade Trigger (FADE-T)



1. Press the DIGITAL EFFECTS button.
2. Select FADER using the SET dial.
3. Select FADE-T using the SET dial.



4. Press the DIGITAL EFFECTS button to close the digital effects menu.



5. FADE-IN: While in the RECORD PAUSE MODE (what the camera is in when you are NOT recording) press the ON/OFF button (the FADE-T text in the viewfinder will stay solid) and begin recording by pressing the START/STOP button (The red one.) The video in the viewfinder will immediately “take” to black then slowly fade-in to video. When the fade-in is done, the FADE-T text in the viewfinder will start flashing again.



6. FADE-OUT: Start recording video while the FADE-T text in the viewfinder is flashing. During recording, press the ON/OFF button (the FADE-T text in the viewfinder will stop flashing and stay solid). When you pause recording by pressing the START/STOP button (The red one) , the video will automatically fade-out to black.

* Note! The FADER-T can be activated/deactivated by pressing the ON/OFF button. It is off when FADE-T blinks in the viewfinder screen. It is on when it stays solid.



III. Setting SAND & SNOW MODE for backlit scenes.

Use this Mode in bright places such as a sunny beach or ski resort. It prevents the subject from being underexposed.

Sand & Snow

1. Set the Program selector to 



2. Press the Set dial.

3. Select SAND & SNOW mode and press the SET dial.

