Initial Preparations
Put camera on tripod or hand hold with adjustable shoulder strap and grip belt.
Attact the AC adapter or a battery next to where the tape goes. Click up. Battery will record for a little over an hour and shows how much is left in the monitor.
Turn power on left side to green square. Point and shoot (p&s). Goes off automatically after 5 min. Turn off and on again to get back on or push and hold standby.
Insert Mini DVM60 tape on right hand side. Push eject and wait until back opens up. Put tape in upside down and window out. Push black part and then push white cover.
Put headphones in green hole under little cover on back handle and make sure volume is up.
Make sure camera mic is plugged in if you are going to use it OR screw mic attachment onto bottom of camera; open door on back of camera, and attach connectors to red, white, and black. Attach mic(s) to XLR cable and attach that to mic attachment.
Take off lens cap.
Adjust viewfinder as you want it – screw knob in middle allows for left or right eye; can look at it with eye close (near) or far away (far); adjust focus ring for your eyesight (near eye piece); adjust rubber eyepiece how you want it; never point camera at the sun as the viewfinder will get black burn spots on it. In viewfinder should have SP, pause, time code (can’t reset), length of tape, power in battery.

Check the positions of the various controls
Left side
Stabilizer – leave on, keeps the image steady. Always on in p&s
ND filter – leave off unless in very bright light. Flashes in viewfinder to tell you to turn it on or off
Keep on AF (automatic focus) unless you want manual focus; only auto on p&s. If on manual and you want to focus quickly, push “push AF” and hold it.
EXP lock—locks a particular iris opening you want to keep. Not on p&s.
Lens release—don’t touch. Holds lens on.
Iris – only works on AV and M. Ignore.
Shutter speeds up and down – only works on TV and M. Ignore
Rec search and rec review – can see what you recorded to pick a place to start. Have to be in pause mode of recording.
EVF display – hides nonessential camera recording displays in viewfinder.
D.Effect on/off – in some modes can select digital zoom and fade and slow shutter.
Digital zoom is sort of macro. Mostly ignore.
Gain – if in dark area, turn it up but is grainy.
White balance – not on p&s. On others can be used to give gradations.
Standby – put here between shots if going to shoot again soon. Need to hold down for awhile. Nothing seems to give glitches—standby, power off, pause.
Audio monitor – toggle switch that lets the sound from stereo 1, stereo 2, or mix come through the headphone and show on the meter.
Light – could attach camera light and this would turn it on. Don’t have.
Menu – up, down, and select. Mostly ignore. For VCR and camera depending on where power is. Push menu again to turn it off.

VCR ones—Tally-off. Sensor off so won’t pick up wireless controllers nearby. Record mode-SP. Mix select for whether to hear L and R equal. Output channel for audio lets you select how much of each L and R channel you want. Data code—things hidden on tape such as shutter speed (special part of tape these are recorded on.)

Camera ones – zebra—might want to use for overexposure. 16:9 for HDTV and movie mode – not on p&s and ignore. Tally lamp--leave off. Audio mode-16 bit is best quality by maybe want 12 bit so can have more channels. 16 bit records on 2 channels of stereo and that’s all there are—use it; 12 bit ST-1 records on 2 channels stereo R and L and leaves two channels blank; 12 bit ST-1,2 records on all four channels.. Audio 1 and 2 – gives option of recording mic or line input and with attenuator. Rec mode-SP. Date/time set-don’t need to do.

Display by menu – displays settings

Power – VCR, off, p&s, auto (same as p&s but can use some auto functions such as movie frame, white balance, AGC, shutter, 16:9, digital effects, no image stabilizaton), TV (gives priority to shutter speed over aperture-ignore), AV (gives priority to aperture over shutter speed-ignore), M for manual (real flexibility with aperture opening-can be confusing if things not set right), Spotlight (glare-free if person in a spotlight)

Audio levels – little door opens. Have both record levels on auto unless you want to do something manually. Generally aren’t using audio 2. For audio 1 have on mic for camera mic and audio 1 for attached mics. Each attached mic is on one channel so need two mics for stereo.

Top of camera
AE shift – generally don’t use but way to compensate for strong back lighting.
Monitor for sound--shows levels you are recording or playing back
Eject for tape – for both inserting and taking out

Top of handle
Start-stop – one place to do it. Good if camera on ground
T-W – zoom
Photo– for still picture. Records 6 sec. of one picture even if you move the camera
Under black flap – all the regular VCR controls
Phone level and place for headset; place for mics

Right side
Start-stop, T-W, and photo – same as above
Door for remote control - ignore
Tape and Battery or AC

Run test
Push record button and talk into mic. Make sure you are hearing sound.
Zoom and try any other controls you think you might use.
Turn power to VCR, open door and playback the tape for picture and sound.

Put away
Replace lens cap; Disconnect headphones and mic(s); Take out tape by pushing eject;
Turn power to off; Remove the battery with battery release or remove AC; Take off tripod and put in carrying case.