NAPA VALLEY TV
SONY HXR-NX70
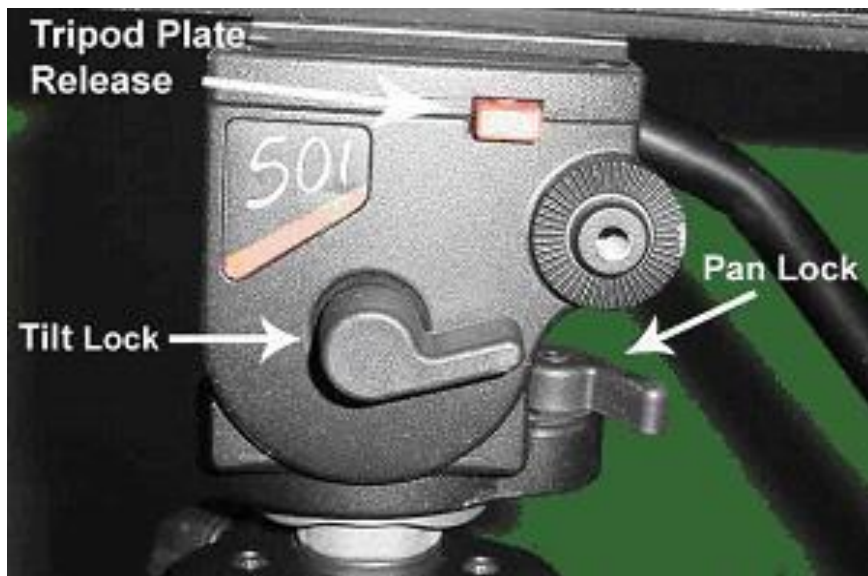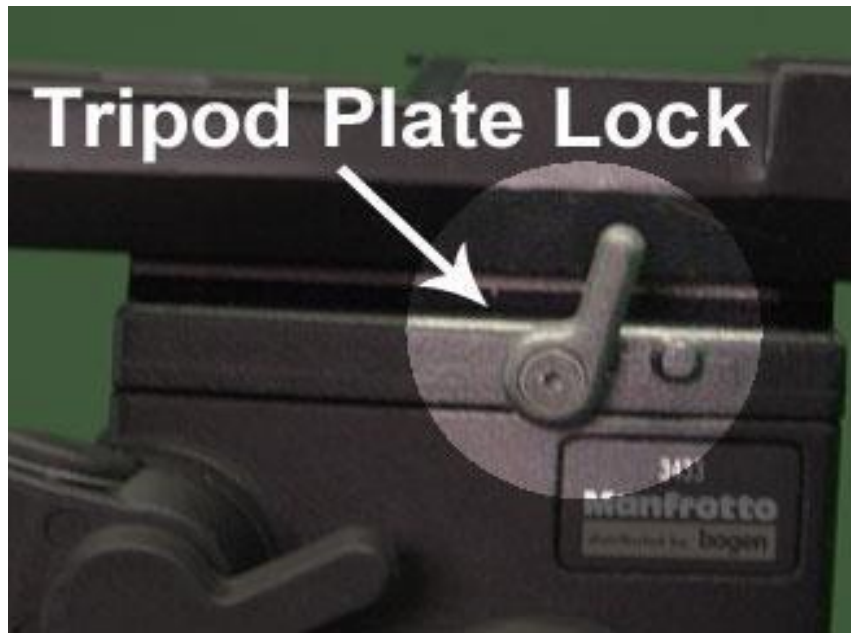
Welcome to the SONY-NX70
This manual was created to provide our members at Napa Valley TV with a basic tutorial on the operation of our camera. If you have a question that this manual cannot answer, please ask a staff member for assistance.
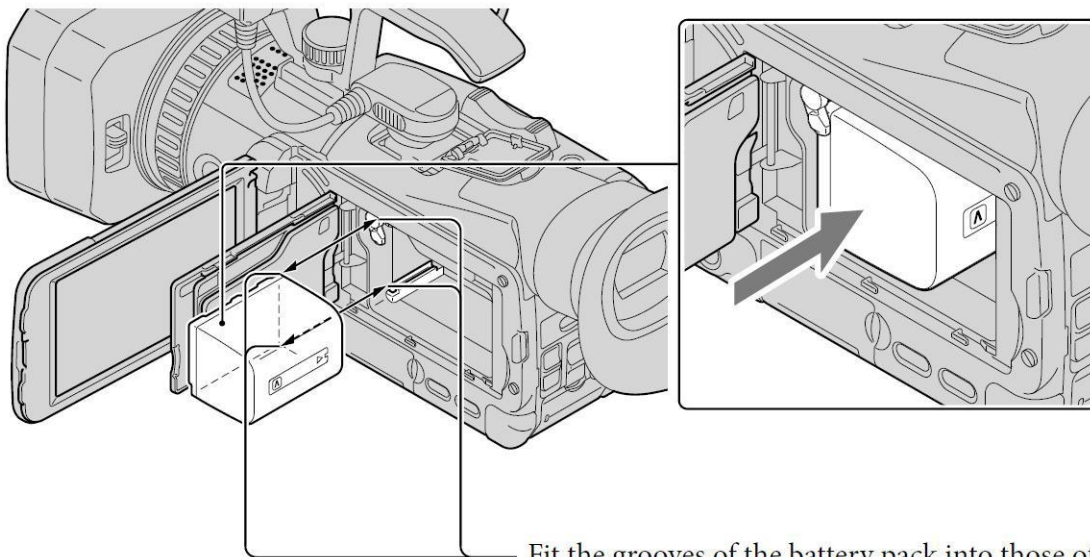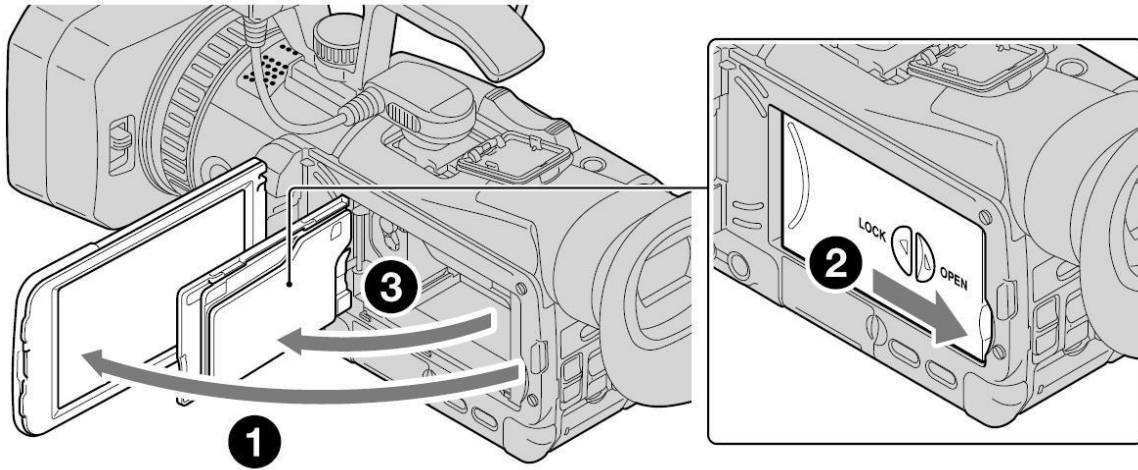
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Tripod

The tripod is fairly simple to set-up. Once the tripod legs are extended to the desired height, the "Tripod Plate" will need to be attached to the tripod. Attach and lock tripod plate. Now the camera is ready to be attached to the Tripod Plate. First, make sure Tilt & Pan levers are in the "locked" position so the camera will not suddenly fall or move when being attached. Set the camera in place and slide forward until it locks. When taking the plate off the tripod, use the "Tripod Plate Release."
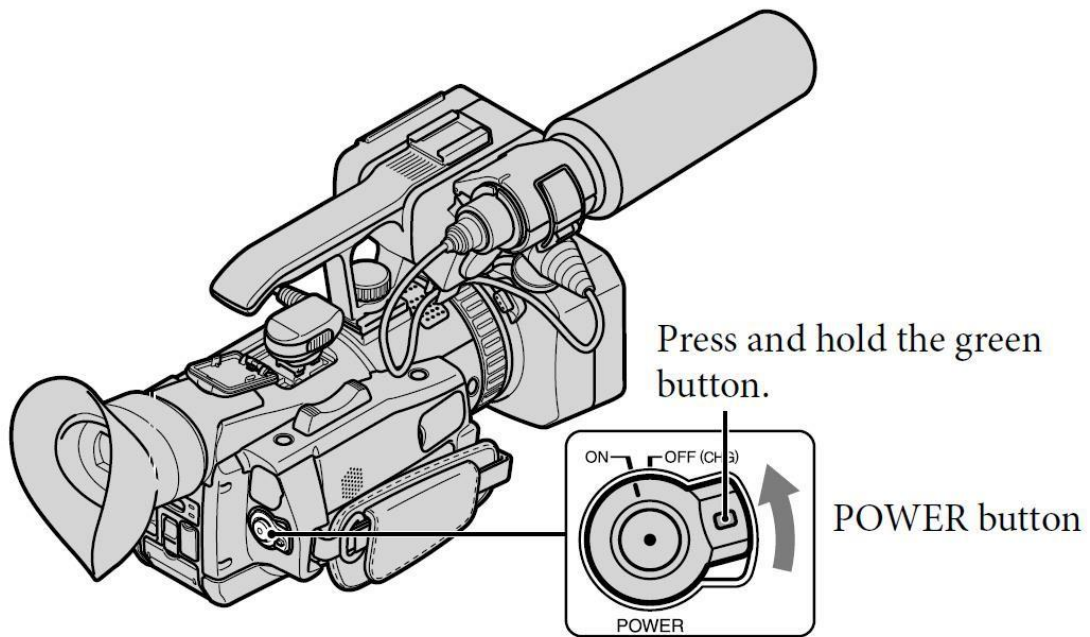
Inserting the battery

(1) Open the LCD screen
(2) Unlock the battery cover
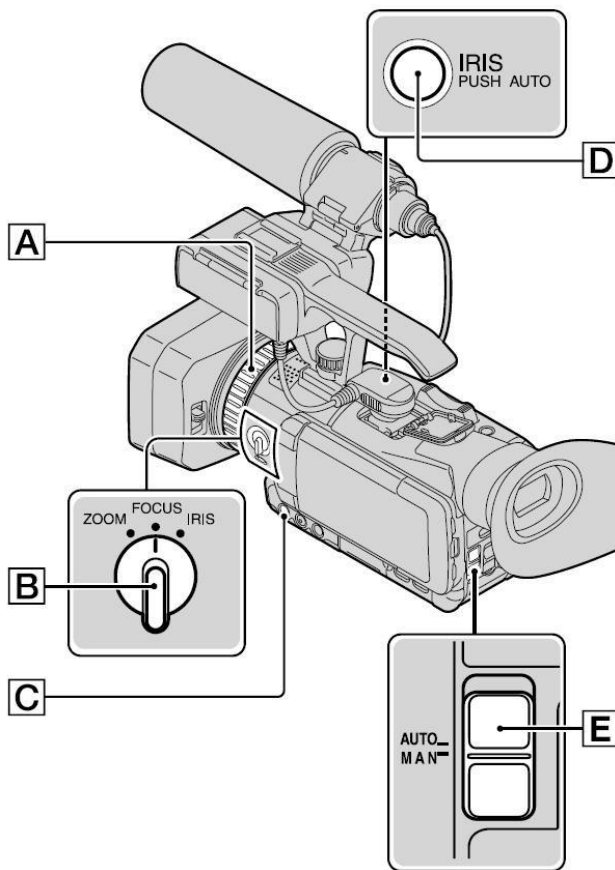**(3)** Open battery cover

Fit the grooves of the battery pack into those of the camcorder, and slide the battery pack in.

Turning the Camera On

Set the **POWER** switch to **ON** while pressing the small green button.

Press and hold the green button.

POWER button

Adjusting Settings Manually

Adjusting the Iris

(1) During recording or standby, set the **AUTO/MANUAL** switch **[E]** to **MAN**.

(2) When the iris is automatically adjusted, press the IRIS button **[C]**

(3) Set the **ZOOM/FOCUS/IRIS** switch **[B]** to **IRIS**.

(4) Adjust the iris with the manual Ring **[A]**

To use automatic iris adjustment temporarily keep pressing the **IRIS PUSH AUTO** button **[D].** The iris is adjusted automatically while the button is pressed.

To adjust the iris automatically Press the **IRIS** button **[C]**

Adjusting the Gain

(1) During recording or standby, set the **AUTO/MANUAL** switch **[E]** to **MAN**.

(2) Touch and then **[Manual]**

(3) Select the gain value between 0 dB and 21 dB, and then touch **[OK]**

Adjusting White Balance

(1) During recording or standby, set the **AUTO/MANUAL** switch **[E]** to **MAN**.

(2) Touch **[MENU]**, **[Camera/Audio]**, **[Manual Settings]**, **[White Balance]**

(3) Touch the desired setting.

Auto
The white balance is adjusted automatically.

Outdoor
The white balance is appropriately adjusted for the following recording conditions:
- Outdoors
- Night views, neon signs and fireworks
- Sunrise or sunset
- Under daylight fluorescent lamps

Indoor
The white balance is appropriately adjusted for the following recording conditions:
- Indoors
- At party scenes or studios where the lighting conditions change quickly
- Under video lamps in a studio, or under sodium lamps or incandescent-like color lamps

One Push
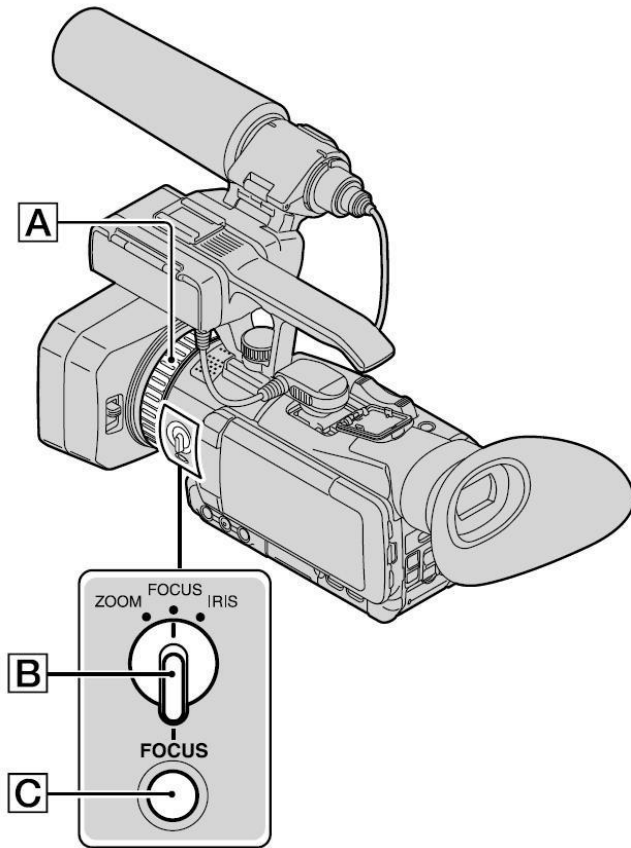The white balance will be adjusted according to the ambient light.

(1) Touch ◣■◢
(2) Hold up an object that is pure white and zoom in on it until the white fills the entire screen. Be sure to hold the white object where you plan to shoot your subject so the camera is white balanced under the correct light source.

(3)Touch ◣■◢ SET

Tip:
If you have changed the battery pack while **[Auto]** was selected, or taken your camcorder outdoors after inside use (or vice versa), aim your camcorder at a nearby white object for about 10 seconds for better color balance adjustment.

Adjusting Focus

To focus, simply zoom in all the way on your subject, as close as you can and

(1) Push the FOCUS button **[C]** until your subject is perfectly in focus
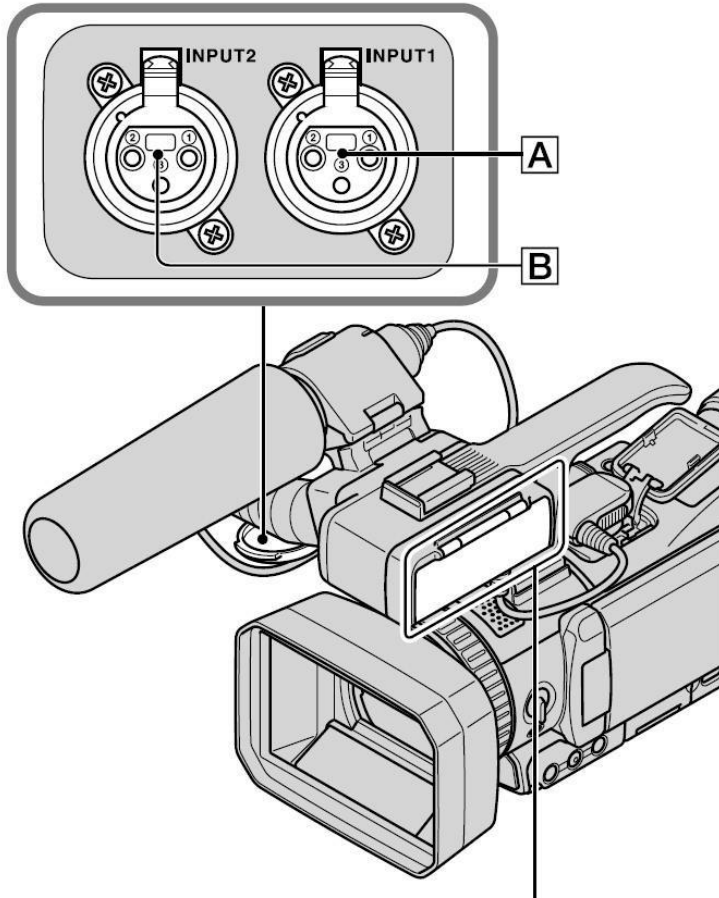
Or

(1) Set the **ZOOM/FOCUS/IRIS** switch **[B]** to **FOCUS**.

(2) Rotate the manual ring **[A]** until your subject is perfectly in focus.

As long as the distance from the subject to the lens does not change, you will always be in focus!
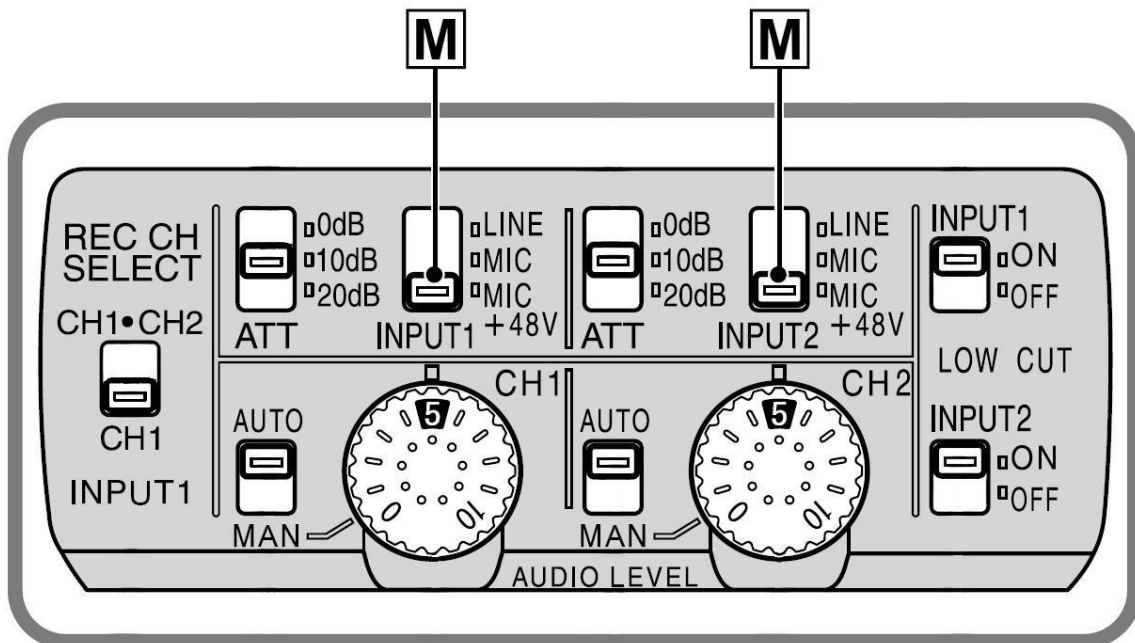
Audio

(1) Connect the microphone(s) to the INPUT1 **[A]** and/or INPUT2 **[B]** connectors.

(2) Match all the settings on the diagram below to the camera's settings.

(3) When connecting a microphone, or using attached microphone set **[M]** to MIC+48V (At the bottom)

(4) When connecting audio equipment from a mixing board or other external source set **[M]** to **LINE.**
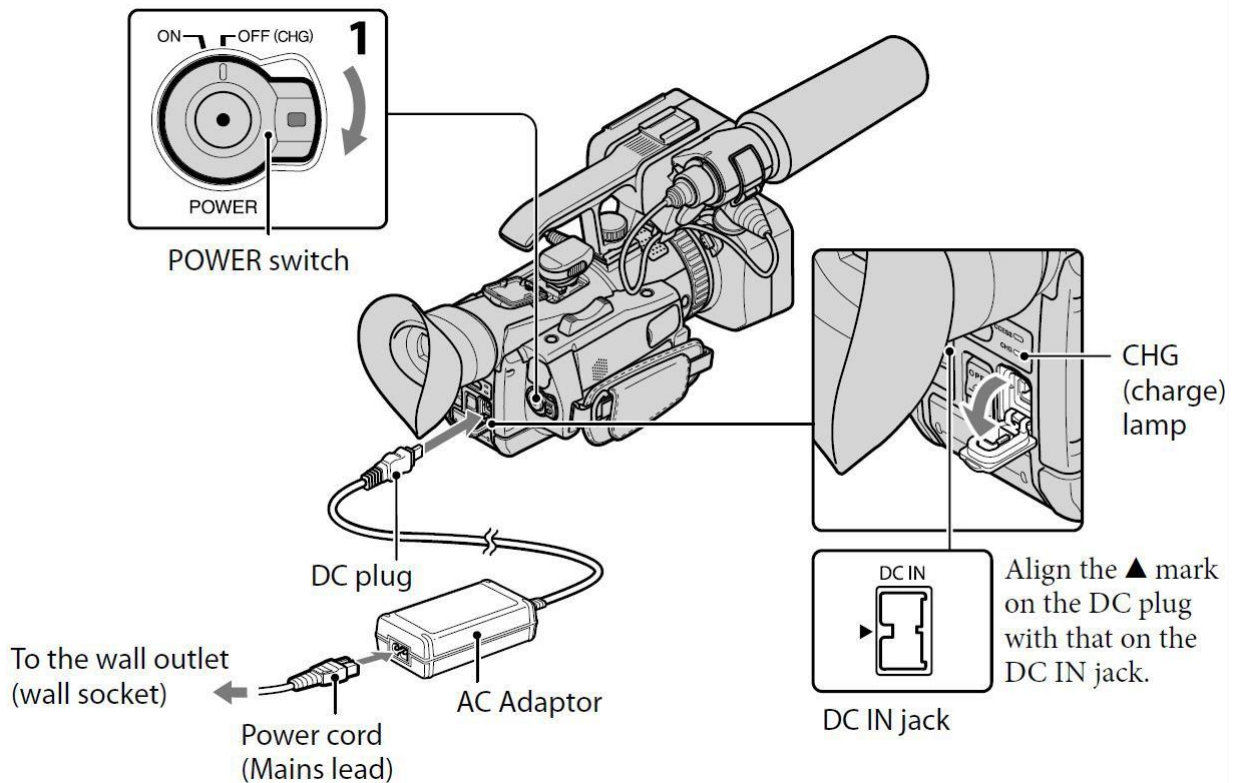
Charging

To charge the battery

(1) Set the POWER switch to OFF
(2) Open the DC IN jack cover
(3) Connect the AC adapter to the DC IN jack with the plug's arrow mark facing toward the LCD panel.
(4) Connect the power cord to the AC adapter and connect the power cord to a wall outlet.

The battery will begin to charge. We ask that you return our equipment fully charged so it is ready for the next member to use.

ON — OFF (CHG) **1**
POWER
POWER switch

CHG (charge) lamp

DC plug

To the wall outlet (wall socket)

AC Adaptor

Power cord (Mains lead)

DC IN

Align the ▲ mark on the DC plug with that on the DC IN jack.

DC IN jack

If you have any problems or questions, please call us at (707) 257-0574.