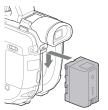
• • • SONY FS-5 SMART GUIDE: SHOOTING VIDEO / BASIC SETUP / MANUAL EXPOSURE

BASIC CAMERA SETUP

Put in a battery

Take off the battery





turn off camera before removing battery

Turn on camera

Insert 1 or 2 SD cards





Set date + time

MENU button, and select
☐ (SYSTEM) → [CLOCK SET].

The camera has a built-in rechargeable battery to keep settings. It needs to be recharged every 2 months by plugging the camera into a household power outlet for 24 hours while turned off.



Format the SD cards

Select (SYSTEM) → [MEDIA FORMAT] with the SEL/SET dial. press MENU, then:

If you use 2 SD cards, you can record in RELAY on Card A then Card B (with no missed shots) or you can record on SIMULTANEOUS cards at the same time.

press MENU, then: Select **₹** (REC/OUT SET) → [REC SET] → [SIMUL/RELAY REC]

note: the Empty function will only work if the camera is plugged into the wall with the AC adapter. This operation will render the SD card 100% erased and unrecoverable.

Recommended class 10 SD cards:

Memory card type: ► SD card, SDHC card, SE SDXC card SD Speed Class*: CLASS® CLASS®

Selecting the North American video system (60i)

press MENU, then: ☐ (SYSTEM) → [60i/50i SEL]

Setting File Format and Recording Format

> [REC SET] \rightarrow [FILE FORMAT] \rightarrow [REC FORMATI →

XAVC QFHD

- Image size: 2160 (3840×2160)
- Frame rate: 30/25/24
- . Scanning system: p (progressive)
- · Bit rate: 100 Mbps/60 Mbps
- XAVC HD
- Image size: 1080 (1920×720) / 720 (1280×720)
- Frame rate: 60/50/30/25/24
- · Scanning system: p (progressive) / i (interlaced)
- · Bit rate: 50 Mbps/35 Mbps/25 Mbps

AVC HD

- Image size: 1080 (1920×720) / 720 (1280×720)
- · Frame rate: 60/50/30/25/24
- . Scanning system; i (interlaced) / p (progressive)
- PS: max. 28 Mbps

FX: max. 24 Mbps

FH: approx. 17 Mbps (average) HQ: approx. 9 Mbps (average)

Default Recording Format XAVC HD 1080/60i 50Mbps • Press Menu, then:

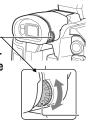
- (SYSTEM) → INITIALIZE.
- camera will reboot in full auto
- you need to reset date + time

Setting Focus

Press the MENU button → select (DISPLAY SET) with the SEL/SET dial

→ VF/LCD PANEL (LCD PANEL or AUTO)

Default setting is only the LCD display. If you wish to use the viewfinder choose Auto. When you put your eye to the viewfinder, the LCD screen turns off. You need to adjust the viewfinder for your eyes. Use the adjustment knob on the right side of the eyepiece so that the onscreen text is sharp.



Setting the ISO or Gain

Press the MENU button \rightarrow select (CAMERA/PAINT) with the SEL/SET

> ISO/GAIN SEL

• You can choose to control the sensitivity of the camera by adjusting either the ISO or the Gain. To select ISO or Gain:

> ISO SET

> GAIN SET

> AGC LIMIT

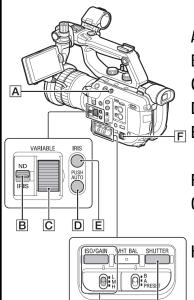
• to change the default values of the ISO/GAIN L,M,H buttons

> AUTO ISO LIMIT

• to change the upper limit for auto ISO and Gain.

ADJUSTING EXPOSURE

Iris, Shutter and ISO/Gain controls



- A. Full Auto Button
- B. Iris / Neutral Denisty Filter switch
- C. Iris /ND manual adjust
- D. Push Auto Iris
- E. Push this button for full auto Iris appears beside F stop on display.
- F. Shutter Speed manual adjust
- G. ISO/GAIN controls: push button and appears beside ISO/GAIN on display
- H. Shutter Speed push button and appears beside Shutter on display

Usina Zebra to adjust exposure

Press the MENU button → select (DISPLAY SET) with the SEL/SET dial.

> ZEBRA

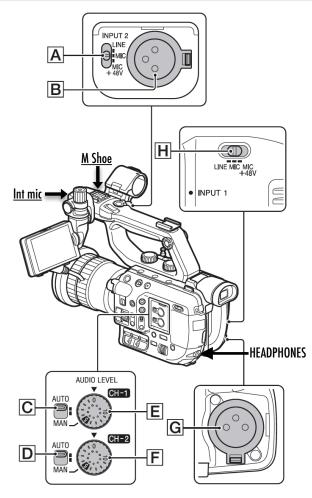
- Choose ZEBRA2 LEVEL: 100%, which represents pure white in the scene
- hold a white card in the scene and adjust your exposure so that the zebra stripes just begin to disappear on the white card.
- Zebra stripes do not record on the image.
- You can assign the Zebra on/off to an Assign button
 - Press the MENU button → select (SYSTEM) with the SEL/SET dial.

> ASSIGN BUTTON

- select the Assign Button to change, press the wheel
- choose Zebra to add to this button

• • • SONY FS-5 SMART GUIDE : SHOOTING VIDEO / ADVANCED FUNCTIONS

Audio Recording



A./H. Input Selector -

- Line = mixer, CD player, PA system
- Mic = dynamic or self powered microphone
- Mic +48 = camera give power to microphone

B./G XLR plug

- C. Channel 1 Auto / manual audio control switch
- D. Channel 2 Auto / manual audio control switch
- E. Channel 1 manual recording level control
- F. Channel 2 manual recording level control

Audio Recording Input Setup

Press the MENU button → select \(\)
(AUDIO SET) with the SEL/SET dial

• CH1 = LEFT, CH2=RIGHT

> CH1 INPUT SELECT

> CH2 INPUT SELECT

- INT MIC
- INPUT 1 XLR plug
- M SHOE MIC special mic that fits to the top shoe.
- INT MIC
- INPUT 1 XLR plug
- INPUT 2 XLR plug
- M SHOE MIC
- If you wish to record with 2 mics on separate tracks
 - set CH1 input to INPUT 1
 - set CH2 input to INPUT 2
- If you wish to record with 1 mic in stereo
 - plug an external XLR mic into INPUT 1
 - set CH1 input to INPUT 1
 - set CH2 input to INPUT 1
- Redundant Mic-ing technique
 - plug an external XLR mic into INPUT 1
 - Set CH1 input to INPUT 1 to record primary audio
 - Set CH2 input to INT MIC to record ambient audio and as a backup in case the external mic fails.

Audio Recording Menu items

Press the MENU button → select \(\) (AUDIO SET) with the SEL/SET dial.

- VOLUME to control the headphone volume
- AVCHD AUDIO FORMAT linear PCM or DOLBY DIGITAL
- AUDIO LIMIT stops clipping when CH1+2 are set to manual.
- HEADPHONE OUT stereo, mix mono, CH1, CH2
- INT MIC SET adjust sensitivity and add a wind filter
- XLR SET adjust AGC (auto gain control), wind filters, trims

Picture Profiles

Press the MENU button → select (CAMERA/PAINT) with the SEL/SET dial.

> PICTURE PROFILE

- PP 1 standard camera settings
- PP 2 high contrast, dark shadows and rich colours
- PP 3 standard gamma curve for HD TV, natural contrast and colours that can be changed in post production.
- PP 4 standard setting with colours more saturated.
- PP 5 film-like highlight roll off, less saturated colours works well for bright sunny exteriors
- PP 6 same as Profile 5, but with a Broadcast Safe highlight filter.
- PP 7 S-Log2 with S-Gamut
- PP 8 S-Log3 with S-Gamut3.cine
- PP 9 S-log3 with S-gamut3

PP 7-9 are for Professional shoots that require extensive postproduction colour correction. The image will be flat and washed out.

Charging the battery

• Leave the battery in the camera, turn off the camera and plug the camera into the wall with the AC adapter for about 4 hours.