

SETTINGS

PICTURE
Format: **1080 AVCHD**
FPS: **24p**
Profile: **PP4 (rec709)**
Shutter: **1/48 sec.**

AUDIO
Gain: **AUTO**
INPUT: **MIC +48**

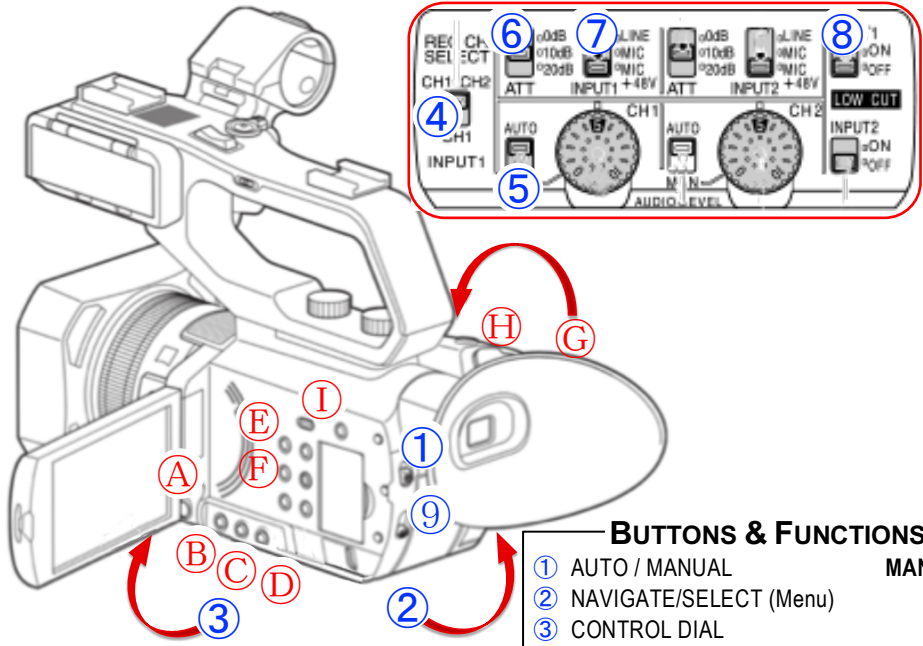
Reference for recommended settings, functions, and workflow.
NOT replacement for class instruction. **NOT** only or best methods.

CAMERA SET UP

- RESET** to Factory Default
 - A** MENU
 - 2** OTHERS
 - ▶INITIALIZE ▶OK
 - E** POWER
 - ▶CLOCK SET
- SET** Format
 - A** MENU
 - 2** REC/OUT SET
 - ▶REC SET
 - ▶FILE FORMAT ▶**AVCHD**
 - ▶REC FORMAT ▶**1080/24p FX**
- FORMAT** Media
 - A** MENU
 - 2** OTHERS
 - ▶MEDIA FORMAT ▶MEMORY CARD ▶OK
- SET** Audio Input
 - 4** CH1
 - 5** AUTO
 - 6** 0dB
 - 7** MIC +48
 - 8** OFF

PICTURE CONTROL

- SET** to Manual Mode
 - 1** MANUAL
- Color Balance
 - SELECT**
 - A** MENU
 - 2** CAMERA SET
 - ▶WB PRESET
 - ▶OUTDOOR (6500°K)
 - ▶INDOOR (3200°K)
 - ▶MANU WB TEMP (user set)
 - CUSTOM**
 - 3** [dial] to choose A/B
 - A** MENU
 - 2** CAMERA SET
 - ▶WB SET
 - frame white image
 - (PUSH)** to set Kelvin Temperature
 - CONTROL**
 - E** WHITE BAL
 - 3** [dial]
 - ▶OUTDOOR · INDOOR · CUSTOM
- Exposure (Time)
 - D** SHUTTER
 - 3** [dial] **48** (1/48 sec)
- Exposure Gain (ISO)
 - C** GAIN *
 - 3** [dial] -3db to 33db
- Exposure Aperture (Iris)
 - B** IRIS *
 - 3** [dial] F2.8 to F11
- Picture Profile (PP)
 - PP1 - Standard
 - PP3 - Rec709 (NATURAL)
 - PP4 - Rec709 (FAITHFUL)



CINE CONTROL

- ZEBRA (exposure assist)
 - A** MENU **2** DISPLAY SET
 - ▶ZEBRA
 - ▶ON/OFF
 - ▶LEVEL 70 (IRE)
- PEAKING (focus assist)
 - A** MENU **2** DISPLAY SET
 - ▶PEAKING
 - ▶ON/OFF
 - ▶COLOR (White-RED-Yellow)
 - ▶LEVEL (High-Middle-Low)
- ASPECT (frame lines)
 - A** MENU **2** DISPLAY SET
 - ▶MARKER
 - ▶ON/OFF
 - ▶CENTER
 - ▶ASPECT (4:3-1.85-2.35)
 - ▶GUIDEFAME (3rds)
- ND FILTERS
 - 9** switch
 - ▶3 – 1/64 = 6stops
 - ▶2 – 1/16 = 4stops
 - ▶1 – 1/4 = 2stops
- ZOOM (display value)
 - A** MENU **2** DISPLAY SET
 - ▶ZOOM DISPLAY (BAR-NUMBER)
 - (№16 is cine equivalent or 50mm "NORMAL")
- SHUTTER (display value)
 - A** MENU **2** DISPLAY SET
 - ▶SHUTTER DISPLAY (SECOND-DEGREE)

NOTE:

- Selecting **B** IRIS **C** GAIN **D** SHUTTER while active will default to Auto.
- Select **7** MIC +48 for BU-kit mics

BUTTONS & FUNCTIONS

- | | |
|---|-----------------|
| 1 AUTO / MANUAL | MANUAL |
| 2 NAVIGATE/SELECT (Menu) | |
| 3 CONTROL DIAL | |
| 4 AUDIO CH SELECT | CH1 |
| 5 AUDIO LEVEL (Gain) | AUTO |
| 6 AUDIO ATT (Sensitivity) | 0dB |
| 7 AUDIO (source) | MIC +48 |
| 8 AUDIO LOW CUT (Filter) | OFF |
| 9 ND FILTER | 1-2-3 |
| A MENU | |
| B IRIS | |
| C GAIN | |
| D SHUTTER | |
| E POWER | |
| F WHT BAL | |
| G ZOOM ROCKER (35cine* 29mm-348mm) | |
| H FOCUS MAGNIFIER | |
| I THUMBNAIL | PLAYBACK |

CLIP MANAGEMENT

- MANAGE** video clips with a Mac
 - 1st plug SD card into Mac
 - 2nd rename No Name SD card
(ROLL_01, ROLL_02, ROLL_03...)
- LAUNCH** Mac Disk Utility App
 - ▶ System
 - ▶ Applications
 - ▶ Utilities
 - ▶ Disk Utility
- IMAGE** media clips with Disk Utility
 - ▶File
 - ▶New Image
 - ▶Image from **"ROLL_01"**
- SAVE** to student hard drive system
 - Save As: **ROLL_01**
 - Format: Read-only
 - Encryption: none
- EJECT** SD card
- MOUNT** (open) **ROLL_01.dmg** file
- IMPORT** clips into edit system