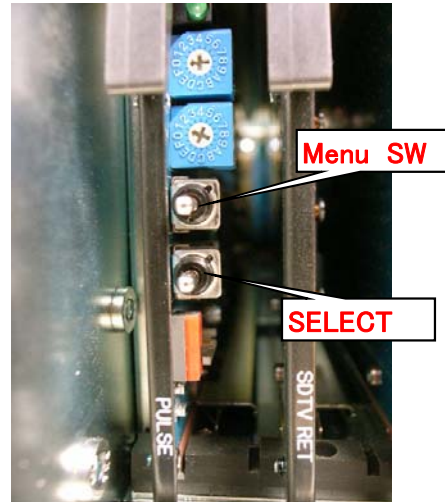


1. Access to the Factory menu

- Turn on CCU POWER
- Press and hold "CALL SW" in front of CCU POWER UNIT.
- Push to up side "SELECT SW" on the pulse module
- Press the MENU Switch down.
- CCU MENU comes up on the monitor with FACTORY.

*** CCU-890 MENU ***

QUIT
BARS TITLE
HD/DC/UC/VID/AUD CONT
RET VIDEO FORMAT
INFORMATION
OTHERS
FACTORY



FACTORY (1/7)

QUIT
HDTV DTL CONT CCU
SCENE NAME ENA OFF
SDTV CHROMA CLIP OFF
ENC DELAY 0
SDTV H BL SEL 170M 10.7

[HDTV DTL CONT]

Selection for HDTV DTL enhancer control from MCP or OCP. (HEAD/CCU)
When change this setting, Power cycling is required.

[SCENE NAME ENA]

Enable/Disable SCENE FILE NAME. (OFF/ON)

[CHROMA CLIP]

Selection for ENC CHROMA CLIP (OFF/110/120)

[ENC DELAY]

Selection for ENC output delay time. (0 - 63)
1=0.034uS (at NTSC)

[SDTV H BL SEL]

Selection for SDTV H BL Width
NTSC: (170A 10.9/SDI 10.2/170M 10.7)
PAL: (12.0/SDI 10.6/11.8)

FACTORY (2/7)

QUIT	
SDTV NR SETUP	
SDTV APERTURE	SDI
FILTER	OFF
HDTV NR SETUP	
V DTL CLIPPER	OFF
COMPONENT/RGB CLIP	0%
SD-SDI CLIP	0%
SDTV VDTL RANGE	STD

[SDTV NR SETUP] **Please refer next page**

D/C NR setting

[SDTV APERTURE]

Selection for D/C Aperture (SDI/ENC)

[(SDTV APERTURE)FILTER]

Setting APERTURE effect (OFF/+10/+15/-15/-30)

[HDTV NR SETUP] **Please refer next page**

HDTV NR setting

[V DTL CLIPPER]

Setting for enhancer CLIP (OFF/ON)

[COMPONENT RGB CLIP]

Setting for SDTV COMPONENT/RGB CLIP (0%/-4%/-6.8%)

[SD-SDI CLIP]

Setting for SD-SDI CLIP (0%/-4%/-6.8%)

[SDTV VDTL RANGE]

Selection of SDTV DTL BALANCE control range (STD/WIDE)

SDTV NR SETUP

QUIT	
NRSENSE	1 5 0 0
NRNOISE	3
NRLIMIT	1 0
VNRSENSE	1 0 2 3
VNRNOISE	1 0
VNRLIMIT	1 0
NR MODE	ON-1
LOAD INIT	CANCEL

HDTV NR SETUP

QUIT	
NRSENSE	1 0 2 3
NRNOISE	1 0
NRLIMIT	5 6
VNRSENSE	1 0 2 3
VNRNOISE	1 0
VNRLIMIT	5 6
NR MODE	ON-1
LOAD INIT	CANCEL

[NRSENSE]

Setting for Horizontal NR sensitivity (0-4095)

[NRNOISE]

Setting for Horizontal NR noise level (0-4095)

[NRLIMIT]

Setting for Horizontal NR effective (0-64)

[VNRSENSE]

Setting for Vertical NR sensitivity (0-4095)

[VNRNOISE]

Setting for Vertical NR noise level (0-4095)

[VNRLIMIT]

Setting for Vertical NR effective (0-64)

[NR MODE]

Selection for NR mode (ON-1/ON-2/OFF)

[LOAD INIT]

Selection Factory default setting load (CANCEL/EXECUTE)

EXECUTE: Factory default data will be loaded.

FACTORY (3/7)

```

QUIT
BARS  CONT  IN  FACT      OFF
ASIC  ACCESS  INFO      OFF
SDI/PCB TEMP  INFO      OFF
DATA  TRUNK  CH          1CH
Q-TV  MODE          4. 5M 2CH
TRX   TEST  OUT (CBIF1)  OFF
TRX   TEST  IN  (CBIF2)  OFF

```

[BARS CONT IN FACT]

Selection CCU BARS ON/OFF in factory menu (ON/OFF)

[ASIC ACCESS INFO]

Selection ASIC and FPGA access information display on PM IND page2 (OFF/ON)

[SDI/PCB TEMP INFO]

Selection SDI/PCB Temp. information display on PM IND page2 (OFF/ON)

[NOTE] [ASIC ACCESS INFO]and[SDI/PCB TEMP INFO] can not be displayed at the same time.

[DATA TRUNK CH]

Setting for DATA TRUNK Channel (1CH/2CH)

1CH:Standard setting 2CH:Option

[Q-TV MODE]

Setting Q-TV MODE (4.5M 2CH/6M 2CH/9M 1CH)

4.5M 2CH : Sampling Freq 4.5MHz 2ch QTV

6M 2CH : Sampling Freq 6.0MHz 2ch QTV

9M 1CH : Sampling Freq 9.0MHz 1ch QTV

[NOTE] This function is available on 50Hz mode.

[TRX TEST OUT(CBIF1)]

Setting for Test signal output on TRX module

OFF : TEST OUT OFF

LARX : LINK-A RX MON OUT

LBRX : LINK-B RX MON OUT

CBRX : CB RX MON OUT

HPR0 : HDTV PROC OUT

SPR0 : SDTV PROC OUT

HRIN : HDTV RET IN

SRIN : SDTV RET IN

RTRS : OUTPUT OF RET TRS REWRITE CIRCUIT

RQTV : OUTPUT OF RET Q-TV ADD CIRCUIT

RETO : RET OUT

RCBO : RET CB OUT

[TRX TEST IN(CBIF2)]

Setting for Test signal input on TRX (OFF/ON)

FACTORY (4/7)

QUIT
DSCRM PLS ENABLE OFF
COMB ENABLE OFF
SYNC ALL OFF ENA OFF
DUAL AUD EMB ENA OFF
R ONLY DTL MENU OFF
FMT1080I119. /100 DISABLE

[DSCRM PLS ENABLE]

Setting ASPECT DSCRM PLS function menu (OFF/ON)

When set [ON], [ASPECT DSCRM PLS] menu is added on DOWN CONV CONT(3/3)

[COMB ENABLE]

Setting for COMB Filter function menu (OFF/ON)

When set [ON], [ASPECT DSCRM PLS] menu is added on DOWN CONV CONT(3/3)

[SYNC ALL OFF ENA]

Setting for SYNC ALL OFF function menu (OFF/ON)

When set [ON], In the following new selection is added on

[ANALOG SYNC ADD] of [VIDEO OUT CONT]

HDTV : Y ONLY/ALL/OFF

SDTV : Y ONLY/OFF

[DUAL AUD EMB ENA]

Setting for EMBEDDED AUDIO menu. (OFF/ON)

When set [ON], EMBEDDED AUDIO selection menu is added on

AUDIO CONT menu in DUAL LINK mode

[R ONLY DTL MENU]

Setting R ONLY DTL function menu (OFF/ON)

When set [ON], [R ONLY DTL] menu is added on OTHERS(1/2)

[FMT1080I119. /100]

Selection the scan format 1080I119 or 1080I100 (DISABLE/DUAL/EVS)

DISABLE : Can not selected both format

DUAL : Available selection 1080I119. and 100(BLT) scan format

EVS : Available selection 1080I119 and 100(EVS) scan format

[NOTE]EVS format is not supported in camera head now (future plan)

FACTORY (5/7)

```

QUIT
HDTV USER BARS SEL    OFF
PM -G SEL             OFF
SEQ SEL              RGB
WFM EXPAND           OFF
SDTV SETUP7. 5%      OFF
AUDIO TRUNK          MIX
HEAD FAN ALARM DISP  OFF
HEAD TEMP DISP       OFF
WFM LV5150           OFF
BS HD-PM OUT2        OFF

```

[HDTV USER BARS SEL]

Selection for user special type HDTV COLOR BARS (OFF/NHK/ANB)

OFF : No selection use special type bars

NHK : NHK (Japanese customer)

ANB : TV ASAHI (Japanese customer)

[PM -G SEL]

Enable/Disable -G output on the PM output (OFF/ON)

[SEQ SEL]

Selection for SEQ mode (RGB/GBR/YCbCr/CbYCr/YRGB)

[WFM EXPAND]

Setting for WFM expand (OFF/ON)

[SDTV SETUP7. 5%]

Enable/Disable 7.5% setup on SDTV analog output (OFF/ON)

OFF : No setup

ON : 7.5% set up

USER : SETUP can be selected on [OTHERS (1/2)]-[SDTV SETUP SEL] menu

[AUDIO TRUNK]

Setting for AUDIO TRUNK Line (MIX/SEP)

MIX : Mixing to PGM2 Line

SEP : Independent of PGM2 Line

[HEAD FAN ALARM DISP]

Enable/Disable FAN ALARM status display on the diagnosis information (OFF/ON)

[HEAD TEMP DISP]

Enable/Disable HEAD TEMP information display on the PM IND PAGE2 (ON/OFF)

[NOTE] This information and [ASIC ACCESS INFO] or [SDI/PCB TEMP INFO] can not be displayed at the same time.

[WFM LV5150]

Setting for WFM LV5150 control (OFF/ON)

[BS HD-PM OUT2]

Selection the HDTV OUT output signal (OFF)

[NOTE] This function was designed for BS-89. In CCU-890 can not be selected ON.

FACTORY (6/7)

QUIT	
USA MENU	OFF
Y TALLY INPUT	OFF
PM TALLY SEL	COM
CAM CALL INPUT	OFF
CAMMAN NAME FONT	STD
CAMERA ID OUT	OFF
AUDIO INPUT SEL	TRNK
SYNC CONT SEPA	OFF
SYNC CHANGE MODE	OFF
SDTV RET SDI/VBS	OFF

[USA MENU]

Enable/Disable USA MENU (OFF/ON)

When set [ON], [USA SET] menu is added on the [OTHERS (1/2)]

[Y TALLY INPUT]

Enable/Disable Y tally input (OFF/ON)

[PM TALLY SEL]

Enable/Disable PM tally (COM, Y)

[CAM CALL INPUT]

Enable/Disable CAM CALL INPUT (OFF/ON)

[NOTE] This function was designed for Japanese customer.

[CAMMAN NAME FONT]

Selection CAMMAN NAME FONT (STD/PMC)

[NOTE] This function was designed for Japanese customer.

[CAMERA ID OUT]

Enable/Disable CAMERA ID OUTPUT on AUX connector (ON/OFF)

[AUDIO INPUT SEL]

Selection for AUDIO INPUT XLR Connector (TRUNK/PGM3)

TRNK : Assigned as TRUNK input

PGM3 : Assigned as PGM3 input

[SYNC CONT SEPA]

Enable/Disable access to the ALL SYNC CONT setting (ON/OFF)

When set [OFF], SYNC CONT setting can be selected only matched types.

When set [ON], SYNC CONT setting can be selected all types.

[SYNC CHANGE MODE]

Enable/Disable SYNC CONT Setting (ON/OFF)

When set [ON], SYNC CONT setting is followed the selected format in camera head.

[SDTV RET SDI/VBS]

Enable/Disable SDTV RET SDI and VBS selection on the menu (ON/OFF)

When set [ON], [SDTV TYPE] menu is added on the [RET VIDEO FORMAT] menu.

FACTORY (7/7)

QUIT

RET SCAN CONT ENA OFF

UC SCRNR CONT INDEP OFF

SCAN CONT OFF 4:3 OFF

FIBER SINGLE ANS OFF

OPT LEVEL IND STD

PM DISPLAY FUNC OFF

DIAG TAP FUSE DISP OFF

[RET SCAN CONT ENA]

Enable/Disable RET Input signal from Scan control connector (ON/OFF)

When set [ON], RET SIGNAL control (HD or SD) available from SCAN CONTROL CONNECTOR

[UC SCRNR CONT INDEP]

Enable/Disable independent control screen aspect ratio D/C and U/C (ON/OFF)

ON:Screen aspect ratio is controlled independently

[SCAN CONT OFF 4:3]

Setting 4:3 Aspect ratio control priority (ON/OFF)

ON:D/C aspect ration is not held before changing enable status on SCAN CONTROL.

Than Always 4:3 mode whatever changing enable status from ON to OFF.

[FIBER SINGLE ANS]

Enable/Disable FIBER SINGLE MODE control from RCP-50 (OFF/ON)

Special type RCP-50 required for using this function

[OPT LEVEL IND]

Selection OPT LEVEL INDICATOR style (STD/TBS)

- STD : Standard style
- TBS : TBS (Japanese customer) style

[PM DISPLAY FUNC]

Enable/Disable PM DISPLAY function menu

ON:PM DISPLAY MENU is added on [HDTV CONT(1/2)] and [DOWN CONV CONT(3/3)]

[DIAG TAP FUSE DISP]

Enable/Disable [TAP FUSE] information on the diagnous information page (ON/OFF)