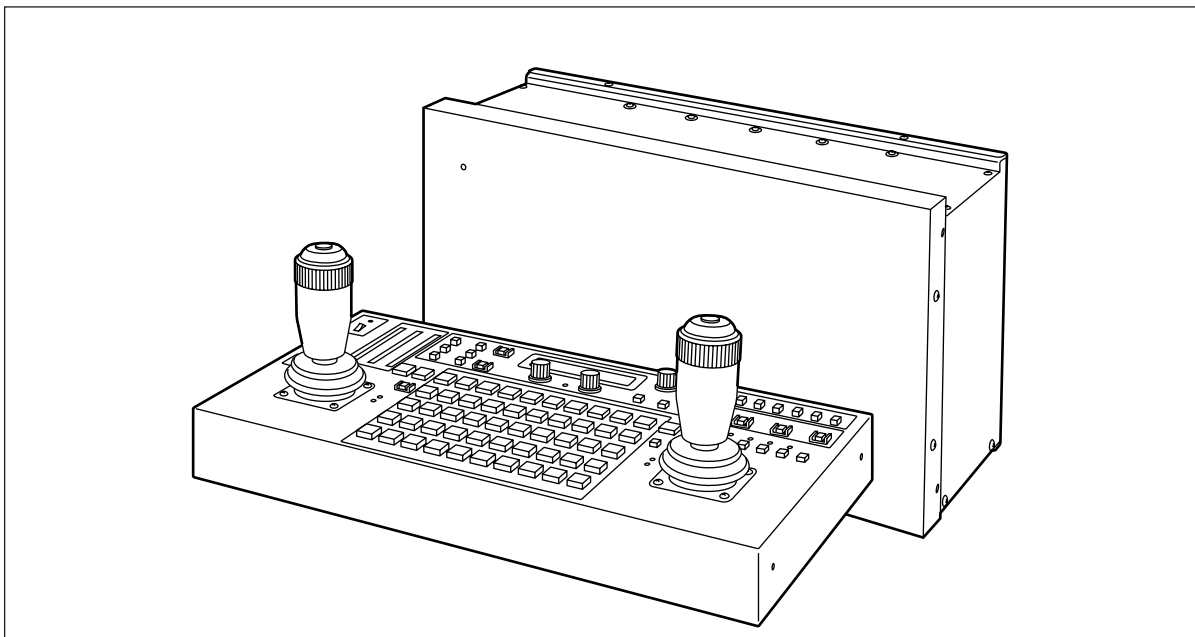


Operating Instructions

- The AW-RP605AN is an improved version — in terms of both its functions and performance — of the AW-RP605P multi-function controller. Similarly, the AW-RP615AN is an improved version — in terms of both its functions and performance — of the AW-RP615P additional control panel.
- These instructions provide an explanation of the differences between the AW-RP605AN and AW-RP605P and between the AW-RP615AN and AW-RP615P. For all details which are not set forth here, refer to the operating instructions for the AW-RP605P or AW-RP615P: these instructions are packed with the improved multi-function controller or additional control panel.

Multi-Function Controller
AW-RP605AN

Additional Control Panel
AW-RP615AN



Panasonic[®]

Before attempting to connect, operate or adjust this product,
please read these instructions completely.

Parts and their functions

Control panel

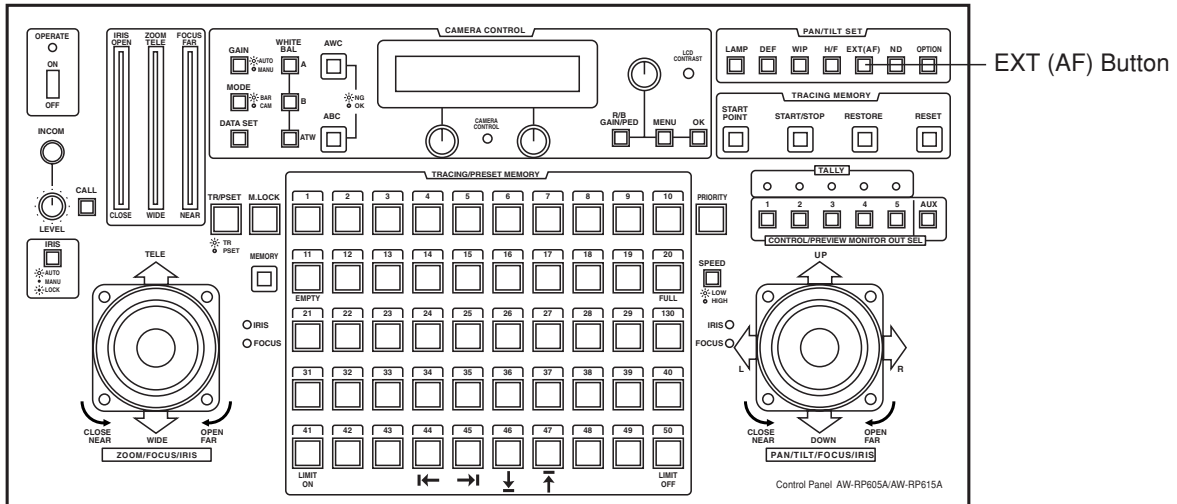
EXT (AF) Button

The EXT button is changed to the EXT (AF) button on the AW-RP605AN and AW-RP615AN.

If a lens with an extender function is used in the selected pan/tilt head system, the extender function is set from ON to OFF or vice versa each time the EXT (AF) button is pressed.

If a lens (AW-LZ16AF7G) with an AF function is used in the selected pan/tilt head system, the AF function of the lens is set from ON to OFF or vice versa each time the EXT (AF) button is pressed.

In either case, the button lamp is lighted at the ON setting, and it is extinguished at the OFF setting.



* This button can be used to turn the function ON or OFF only when the AW-PH350 pan-tilt head is connected. When the pan-tilt head is not used and only the camera is connected, select ON or OFF using the menu item.

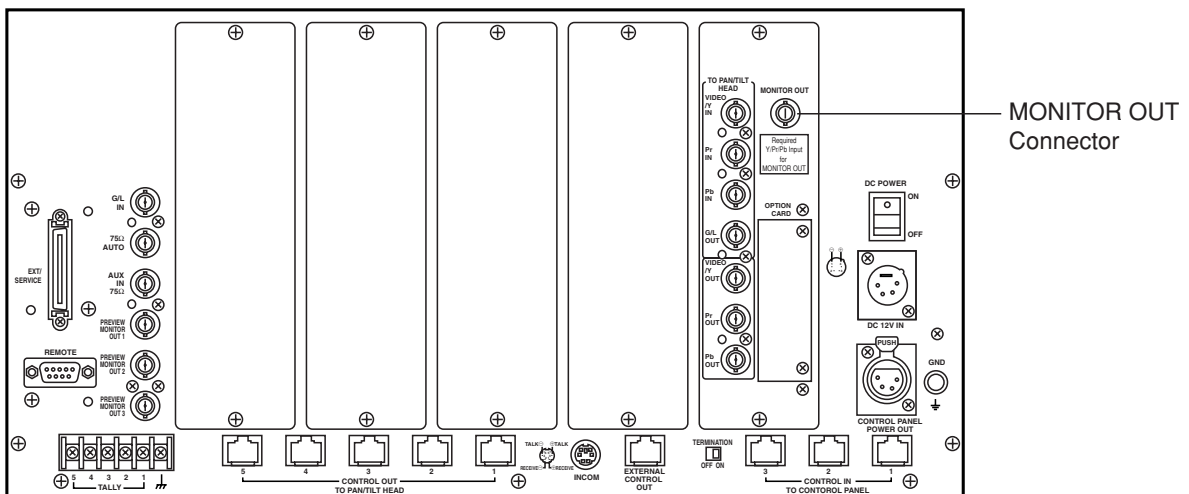
Main unit (AW-RP605AN only)

MONITOR OUT Connector

A MONITOR OUT connector is added to the video board. A composite video signal is output from this connector when component (Y/Pr/Pb) signals are input from the pan/tilt head.

Precautions

- Use the composite video output signal for verifying the video images on a monitor. This signal cannot be used as the video signal for a system which is connected to a switcher or other unit.
- The connector cannot be used when composite video signals are input from the pan/tilt head.



Connections

When using component signals

When component signals are to be used, either a convertible camera requiring the installation of an optional RGB card (AW-PB302) or a convertible camera (such as the AW-E650), which does not require the installation of such a card, is available.

For details on the camera's output signals, refer to the operating instructions provided with the camera used.

Operation

When the pan/tilt head system is connected (or changed) and its power is turned on for the first time, the connected cameras will be initialized. Upon completion of the initialization, adjust or set the following items. After the items are adjusted or set, proceed to the section entitled "Setting the travel range (limiters) of the pan/tilt head". Once the adjustments are made, there is no need for any re-adjustments unless changes are made to the pan/tilt head, camera or lens. (The items to the re-set or re-adjusted differ depending on the unit which is changed.)

● Setting the camera model

These steps must be taken without fail when using the AW-PH300, AW-PH300A or AW-PH600 pan/tilt head.

1. Press the MENU button, and turn the menu setting control (main) to display the CONTROLLER SETTING item on the top line of the LCD panel.

```
CONTROLLER SETTING
      → OK Key
```

2. Press the OK button. The following item appears on the LCD panel.

```
SIGNAL SELECT
C.VIDEO → C.VIDEO
```

3. Turn the menu setting control (main) to display the following item on the LCD panel.

```
Camera Model Select
CAM1           No Camera
```

4. Turn the menu setting control (L) to select the cameras connected, and turn the menu setting control (R) to select the camera models connected.

5. After all the camera models connected are set, press the MENU button to restore the original display to the LCD panel.

* These settings need not be performed when connecting a pan/tilt head other than the AW-PH300, AW-PH300A or AW-PH600. Either each camera model will be automatically identified or the pan/tilt head will not allow a convertible camera to be connected.

● Adjusting the minimum start speed of the pan/tilt head

When the pan/tilt head is to be operated manually using the joystick, its minimum start speed is automatically adjusted to ensure that the pan/tilt head will start moving smoothly in response to the angle to which the pan/tilt lever is tilted. (This will reduce the amount of play in the pan/tilt lever.)

1. Press the MENU button, and turn the menu setting control (main) to display the P/T SETTING item on the top line of the LCD panel.

```
P / T SETTING
      → OK Key
```

2. Press the OK button. The following item appears on the LCD panel.

```
PAN DIRECTION
                NORMAL
```

3. Turn the menu setting control (main) to display the PAN/TILT MIN SPD Set item on the top line of the LCD panel.

```
PAN/TILT MIN SPD Set
ADJ Start Push OK Key
```

4. When the OK button is pressed, the OK button lamp starts flashing, the speed is automatically adjusted in the sequence of right, up, left and down. When all the adjustments are completed, the display status shown in step 3 above is restored.

5. If an adjustment could not be made during the adjustment process, PAN/TILT ADJ Error appears on the bottom line of the LCD panel, and the operation is shut down.

```
PAN/TILT MIN SPD Set
PAN/TILT ADJ Error
```

6. Now re-balance the camera which is installed on the pan/tilt head. When the OK button is then pressed, the display status shown in step 3 above is restored, and the automatic adjustments are commenced again.

```
PAN/TILT MIN SPD Set
ADJ Start Push OK Key
```

7. After all the adjustments are completed, press the MENU button to restore the original display to the LCD panel.

* When the menu is set to these adjustment items, no operations can be initiated by the pan/tilt lever. Upon completion of the automatic adjustments, be absolutely sure to change the menu to another item.

Operation

● Adjusting the backlash compensation

Play in the gears may give rise to backlash when the pan/tilt head is moved. This adjustment serves to provide compensation for reducing the amount of this backlash. (Backlash: For instance, after the pan/tilt head has moved from right to left and then come to a standstill, there is a delay in the start of the movement when it moves in the opposite direction. This happens because of play in the gears. The same phenomenon also occurs when the head moves from left to right, up to down or down to up.)

1. Press the MENU button, and turn the menu setting control (main) to display the P/T SETTING item on the top line of the LCD panel.

```
P / T   S E T T I N G
                →   O K   K e y
```

2. Press the OK button. The following item appears on the LCD panel.

```
P A N   D I R E C T I O N
                                N O R M A L
```

3. Turn the menu setting control (main) to display the Backlash Supplement item on the top line of the LCD panel.

```
B a c k l a s h   S u p p l e m e n t
  A               =           O F F
```

4. Turn the menu setting control (L) to select the item to be set, and turn the menu setting control (R) to set the data.

Item	Data
A (compensation for panning)	ON (compensation)/ OFF (no compensation)
B (compensation for tilting)	ON (compensation)/ OFF (no compensation)
C (amount of compensation for panning)	1 (min.) to 7 (max.)
D (amount of compensation for tilting)	1 (min.) to 7 (max.)

※ Use the OFF setting if backlash is not a concern. When making an adjustment, be absolutely sure to move the pan/tilt head, and perform actual operations to check whether the compensation amount is appropriate before deciding on the proper amount. If this amount is excessive, the pan/tilt head will start returning in the opposite direction as soon as it has been made to come to a standstill.

● Adjusting the minimum start speed of the lens zoom

Perform this adjustment to ensure that the lens zoom will function smoothly in response to the angle to which the zoom lever is tilted when it is used to zoom the lens.

1. Press the MENU button, and turn the menu setting control (main) to display the P/T SETTING item on the top line of the LCD panel.

```
P / T   S E T T I N G
                →   O K   K e y
```

2. Press the OK button. The following item appears on the LCD panel.

```
P A N   D I R E C T I O N
                                N O R M A L
```

3. Turn the menu setting control (main) to display the Zoom Minimum SPD ADJ item on the top line of the LCD panel.

```
Z o o m   M i n i m u m   S P D   A D J
                                                0
```

4. Move the ZOOM lever slowly, and check the image on the monitor to verify whether the lens starts zooming smoothly.
5. If the lens does not start zooming smoothly, turn the menu setting control (R), and adjust in such a way that it does zoom smoothly.

Setting menus

G/L SETTING

- CABLE LENGTH [SHORT]
- — H PHASE [± 0]
- — SC PHASE [COARSE: 1, FINE: ± 0]

With the **COARSE** setting, it is not possible to switch the speed at which the setting value changes when the menu setting control is pressed.

CABLE COMP

- CABLE COMP AUTO
- — CABLE COMP MANUAL (Y, C)
- — CABLE COMP MANUAL (Y Level)
- — CABLE COMP MANUAL (f Response)

CONTROLLER SETTING

- SIGNAL SELECT [C. VIDEO → C. VIDEO]
- BUZZER SET [ON]
- EXT CONTROL OUT [OFF]
- COMPONENT [Y/Pr/Pb] ← The **COMPONENT** item appears when an RGB card (AW-PB302) has been installed in the **OPTION CARD** slot.
- MEMORY LENGTH [30s]
- HEAD SW (R) FUNCTION [OFF]
- VIRTUAL STUDIO MODE [OFF]
- Camera Model Select [CAM1=No Camera (CAM2 - CAM5=No Camera)]

P/T SETTING

- PAN DIRECTION [NORMAL]
- TILT DIRECTION [NORMAL]
- ZOOM DIRECTION [NORMAL]
- FOCUS DIRECTION [NORMAL]
- IRIS DIRECTION [NORMAL]
- SPEED SELECT (PAN) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (TILT) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (ZOOM) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (FOCUS) [HIGH: FAST, LOW: FAST]
- SPEED WITH ZOOM POS. [OFF]
- DIAGONAL MOTION [OFF]
- DIAGONAL SPEED [30]
- PAN/TILT MIN SPD Set [PAN=OFF (TILT =OFF, PAN=1, TILT=1)]
- Backlash Supplement [0]
- Zoom Minimum SPD ADJ

<Notes>

- The factory settings are indicated in parentheses.
- It is possible to switch the speed at which the setting value of the items marked with ➤ changes each time the menu setting control is pressed.
These functions may not work with the AW-RP615AN additional control panel.

Setting menus (AW-E300/AW-E300A/AW-E600/AW-E800A)

CAMERA SETTING

SCENE [USER]

USER		HALOGEN		FLUORESCENT		OUTDOOR		
—	SHUTTER	[OFF]	—	SHUTTER	[OFF]	—	SHUTTER	[OFF]
—	DETAIL	[HIGH]	—	DETAIL	[HIGH]	—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]	▶	PICTURE LEVEL	[± 0]	▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]	▶	LIGHT PEAK/AVG	[0]	▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]	—	LIGHT AREA	[TOP CUT]	—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]	▶	S/S FREQUENCY	[60.34 Hz]	▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]	—	CHROMA LEVEL	[± 0]	—	CHROMA LEVEL	[± 0]
—	HIGH LIGHT CHROMA	[OFF]	—	HIGH LIGHT CHROMA	[OFF]	—	HIGH LIGHT CHROMA	[OFF]
—	COLOR BAR SET	[7.5 IRE]	—	COLOR BAR SET	[7.5 IRE]	—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]	—	DETAIL FLESH TONE	[MID]	—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]	—	NEGA/POSI	[POSI]	—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]	—	CLEAN DNR	[OFF]	—	CLEAN DNR	[OFF]
—	ASPECT RATIO	[16:9]	—	ASPECT RATIO	[16:9]	—	ASPECT RATIO	[16:9]
—	FAN	[ON]	—	FAN	[ON]	—	FAN	[ON]
—	ATW SPEED	[MIDDLE]	—	ATW SPEED	[MIDDLE]	—	ATW SPEED	[MIDDLE]
—	FIELD/FRAME	[FIELD]	—	CONTRAST (GAMMA)	[MID]	—	CONTRAST (GAMMA)	[MID]
—	2D LPF	[OFF]	—	FLESH TONE	[± 0]	—	FLESH TONE	[± 0]
—	H DETAIL LEVEL H	[+24] ※	—	DETAIL SELECT	[NORMAL]	—	DETAIL SELECT	[NORMAL]
—	V DETAIL LEVEL H	[+7] ※	—	NOISE SUPPRESS	[OFF]	—	NOISE SUPPRESS	[OFF]
—	H DETAIL LEVEL L	[+12] ※	—	V RESOLUTION	[NORMAL]	—	V RESOLUTION	[NORMAL]
—	V DETAIL LEVEL L	[+4] ※	—	ZEBRA INDICATOR	[OFF]	—	ZEBRA INDICATOR	[OFF]
—	DETAIL BAND	[5] ※	—	ZEBRA L LEVEL	[70%]	—	ZEBRA L LEVEL	[70%]
—	NOISE SUPPRESS	[0]	—	ZEBRA H LEVEL	[85%]	—	ZEBRA H LEVEL	[85%]
—	LEVEL DEPENDENT	[0%]	—	SAFETY ZONE	[1]	—	SAFETY ZONE	[1]
—	DARK DETAIL	[0]	—	EVF OUTPUT	[Y]	—	EVF OUTPUT	[Y]
—	CHROMA DETAIL	[0]	—	COMPONENT	[Y/Pr/Pb]	—	COMPONENT	[Y/Pr/Pb]
—	CORNER DETAIL	[OFF]	—	CHARGE TIME	[AUTO]	—	CHARGE TIME	[AUTO]
—	PRECISION DETAIL	[OFF]	—	AGC MAX LEVEL	[18 dB]	—	AGC MAX LEVEL	[18 dB]
▶	MATRIX (R-G)	[± 0]						
▶	MATRIX (R-B)	[± 0]						
▶	MATRIX (G-R)	[± 0]						
▶	MATRIX (G-B)	[± 0]						
▶	MATRIX (B-R)	[± 0]						
▶	MATRIX (B-G)	[± 0]						
—	GAMMA	[0.45]						
—	KNEE POINT	[88%]						
—	WHITE CLIP	[110%]						
▶	FLARE R	[0]						
▶	FLARE G	[0]						
▶	FLARE B	[0]						
—	BLACK STRETCH	[OFF]						
—	ZEBRA INDICATOR	[OFF]						
—	ZEBRA L LEVEL	[70%]						
—	ZEBRA H LEVEL	[85%]						
—	SAFETY ZONE	[1]						
—	EVF OUTPUT	[Y]						
—	COMPONENT	[Y/Pr/Pb]						
—	CHARGE TIME	[AUTO]						
—	AGC MAX LEVEL	[18 dB]						

<Notes>

- The factory settings are indicated in parentheses.
- The setting values for items in parentheses with marked with an asterisk (※) are based on the AW-E800A being used as the camera.
When a camera other than the AW-E800A is to be used, change the setting to the initial setting of that camera.
- It is possible to switch the speed at which the setting value of the items marked with ▶ changes each time the menu setting control is pressed.
These functions may not work with the AW-RP615AN additional control panel.

Setting menus (AW-E350/AW-E650/AW-E655/AW-E750)

CAMERA SETTING

SCENE [USER]

USER

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
※	Auto Focus	[OFF] (E655)
—	Filter	[Ir Through] (E655)
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	FIELD/FRAME	[FIELD]
—	2D LPF	[OFF]
—	H DETAIL LEVEL H	[15]
—	V DETAIL LEVEL H	[12]
—	H DETAIL LEVEL L	[8]
—	V DETAIL LEVEL L	[7]
—	DETAIL BAND	[2]
—	NOISE SUPPRESS	[3]
—	LEVEL DEPENDENT	[0%]
—	DARK DETAIL	[0]
—	CHROMA DETAIL	[0]
—	CORNER DETAIL	[OFF]
—	PRECISION DETAIL	[OFF]
—	MATRIX (B_Mg Gain)	[± 0]
—	MATRIX (B_Mg Phase)	[± 0]
—	MATRIX (Mg Gain)	[± 0]
—	MATRIX (Mg Phase)	[± 0]
—	MATRIX (Mg_R Gain)	[± 0]
—	MATRIX (Mg_R Phase)	[± 0]
—	MATRIX (R Gain)	[± 0]
—	MATRIX (R Phase)	[± 0]
—	MATRIX (R_YI Gain)	[± 0]
—	MATRIX (R_YI Phase)	[± 0]
—	MATRIX (YI Gain)	[± 0]
—	MATRIX (YI Phase)	[± 0]
—	MATRIX (YI_G Gain)	[± 0]
—	MATRIX (YI_G Phase)	[± 0]
—	MATRIX (G Gain)	[± 0]
—	MATRIX (G Phase)	[± 0]
—	MATRIX (G_Cy Gain)	[± 0]
—	MATRIX (G_Cy Phase)	[± 0]
—	MATRIX (Cy Gain)	[± 0]
—	MATRIX (Cy Phase)	[± 0]
—	MATRIX (Cy_B Gain)	[± 0]
—	MATRIX (Cy_B Phase)	[± 0]
—	MATRIX (B Gain)	[± 0]
—	MATRIX (B Phase)	[± 0]
—	GAMMA	[0.45]
—	KNEE POINT	[88%]
—	WHITE CLIP	[110%]
▶	FLARE R	[0]
▶	FLARE G	[0]
▶	FLARE B	[0]
—	BLACK STRETCH	[OFF]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

HALOGEN

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

FLOURECENT

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

OUTDOOR

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

<Notes>

- The factory settings are indicated in parentheses.
- It is possible to switch the speed at which the setting value of the items marked with ▶ changes each time the menu setting control is pressed.
These functions may not work with the AW-RP615AN additional control panel.
- ※ When connecting the AW-PH350 pan-tilt head and using the lens with AF function (AW-LZ16AF7G), ON or OFF cannot be selected for this function using this menu item. To select ON or OFF, use the EXT (AF) button on the control panel instead (see page 2).

Setting menus

G/L SETTING (genlock adjustment) menu

CABLE LENGTH (SHORT, LONG)

This item sets the compensation for the length of the BNC cable used for the genlock signals. "SHORT" is set when the cable is less than 500 meters long; "LONG" is set when it is 500 meters or longer.

H PHASE (-206 to +49)

This item is used to adjust the horizontal phase during genlock.

SC PHASE (1, 2, 3, 4, -511 to +511)

This item is used to adjust the color phase during genlock.

CABLE COMP (cable compensation) menu

CABLE COMP AUTO

When this item is selected and the OK button is pressed, the cable compensation is adjusted automatically. Perform these operations to achieve a simple adjustment or when a waveform monitor, vectorscope or other such measuring instrument is not available.

CABLE COMP MANUAL (Y: 0 to 255; C: 0 to 255)

Select this item to adjust the cable compensation manually when C.VIDEO has been selected as the input signal setting for the SIGNAL SELECT item on the CONTROLLER SETTING menu.

CABLE COMP MANUAL Y LEVEL (0 to 255)

Select this item to adjust the cable compensation manually when Y/Pr/Pb has been selected as the input signal setting for the SIGNAL SELECT item on the CONTROLLER SETTING menu.

When it is selected, the multi-function controller's video output signals are automatically set to Y/Pr/Pb. When it is released, the original video output signals are restored.

CABLE COMP MANUAL f Response (0 to 255)

Select this item to adjust the compensation for the frequency response manually when Y/Pr/Pb has been selected as the input signal setting for the SIGNAL SELECT item on the CONTROLLER SETTING menu.

When it is selected, the output signals from the camera are automatically set to Y/C, and the multi-function controller's video output signals are set to Y/Pr/Pb. The frequency response is compensated by adjusting the burst level using the Pr output signal. When this item is released, the original video output signals are restored.

CONTROLLER SETTING (controller setting) menu

SIGNAL SELECT

(C.VIDEO \rightarrow C.VIDEO, Y/Pr/Pb \rightarrow C.VIDEO, Y/Pr/Pb \rightarrow Y/Pr/Pb)

This is used to set the multi-function controller's input signals and output signals.

When the signals supplied to the multi-function controller have been set to C.VIDEO (composite signals), the output signals are fixed to the C.VIDEO as well.

When the signals supplied to the multi-function controller have been set to Y/Pr/Pb (component signals), either the Y/Pr/Pb or C.VIDEO signals can be selected as the output signals.

BUZZER SET (ON/OFF)

This is used to set the buzzer contained inside the control panel to ON or OFF. The buzzer does not sound when OFF is selected as this item's setting.

At the ON setting, the buzzer sounds when the CALL button is pressed and when a tracing memory operation (entry, recall or change) has been started, suspended or data entry has been completed.

EXT CONTROL OUT (ON/OFF)

When ON is selected as this item's setting, the pan-tilt head system's control signals are output from the EXTERNAL CONTROL OUT connector used for additional functions. Since it is not supported at the present time, select the OFF setting for use.

COMPONENT (RGB, Y/Pr/Pb, Y/C)

This item is used to select the video signals which are to be output when the RGB card (AW-PB302) has been installed in the OPTION CARD slot.

MEMORY LENGTH (30s, 60s, 150s, 300s)

This item is used to set the tracing memory entry time (memory length) and number of memories.

30s : 30 seconds \times 10 memories

60s : 60 seconds \times 5 memories

150s : 150 seconds \times 2 memories

300s : 300 seconds \times 1 memory

<Note>

If data has already been entered into a tracing memory, the entry time and number of memories cannot be set. Before entering different settings, delete the contents of the tracing memory.

HEAD SW (R) FUNCTION (ON/OFF)

When ON is selected as this item's setting, it is no longer possible to switch the adjustment dial functions (IRIS and FOCUS) using the button on the top surface of the PAN/TILT lever.

Since it is not supported at the present time, select the OFF setting for use.

VIRTUAL STUDIO MODE (ON/OFF)

When ON is selected as this item's setting, the camera's video signals are switched to the corrected color position for using the blue background of the virtual studio.

Setting menus

P/T SETTING (pan-tilt head setting) menu

PAN DIRECTION (NORMAL/REVERSE)

This item is used to select the operations in the horizontal direction of the pan-tilt head system which are to be performed by operating the PAN/TILT lever. When NORMAL is selected as the setting, the pan-tilt head system moves toward the left when the PAN/TILT lever is tilted toward the L side, and it moves toward the right when it is tilted toward the R side.

Conversely, when REVERSE is selected as the setting, the pan-tilt head system moves in the reverse directions.

<Note>

Always select REVERSE as the setting when using the AW-PH300 as the pan-tilt head system in the stand-alone installation. In this case, when REVERSE is selected as the setting, the pan-tilt head system moves toward the left when the PAN/TILT lever is tilted toward the L side, and it moves toward the right when it is tilted toward the R side.

Conversely, when NORMAL is selected as the setting, the pan-tilt head system moves in the reverse directions.

TILT DIRECTION (NORMAL/REVERSE)

This item is used to select the operations for the vertical direction of the pan-tilt head system which are to be performed by manipulating the PAN/TILT lever.

When NORMAL is selected, the pan-tilt head system moves upward when the PAN/TILT lever is tilted toward the UP side, and it moves downward when it is tilted toward the DOWN side.

Conversely, when REVERSE is selected, the pan-tilt head system moves in the reverse directions.

<Note>

Always select REVERSE as the setting when using the AW-PH300 as the pan-tilt head system for suspended installation. In this case, when REVERSE is selected, the pan-tilt head system moves upward when the PAN/TILT lever is tilted toward the UP side, and it moves downward when it is tilted toward the DOWN side. Conversely, when NORMAL is selected, the pan-tilt head system moves in the reverse directions.

ZOOM DIRECTION (NORMAL/REVERSE)

This item is used to select the zoom movements of the lens which are to be performed by operating the ZOOM lever.

When NORMAL is selected as the setting, the zoom moves toward the telephoto side when the ZOOM lever is tilted toward the TELE side, and it moves toward the wide-angle side when it is tilted toward the WIDE side.

Conversely, when REVERSE is selected as the setting, the zoom moves in the reverse directions.

FOCUS DIRECTION (NORMAL/REVERSE)

This item is used to select the focus operations of the lens which are to be performed by operating the dials on the top of the PAN/TILT lever and ZOOM lever.

When NORMAL is selected, the focus moves toward the far-distance side when the dial is turned toward the FAR side, and it moves toward the near-distance side when it is turned toward the NEAR side.

Conversely, when REVERSE is selected as the setting, the focus moves in the reverse directions.

IRIS DIRECTION (NORMAL/REVERSE)

This item is used to select the focus operations of the lens which are to be performed by operating the dials on the top of the PAN/TILT lever and ZOOM lever.

When NORMAL is selected for the setting, turn the dial towards OPEN to open up the iris and towards CLOSE to close in the iris.

Conversely, when REVERSE is selected as the setting, the iris moves in the reverse directions.

As the focusing of some lenses moves in reverse, select the setting which best suits the operator.

SPEED SELECT (PAN)

(HIGH: SLOW/MID/FAST; LOW: SLOW/MID/FAST)

This item is used to select the speed at which the pan-tilt head system is to operate in the horizontal direction in response to operation of the PAN/TILT lever.

The speed can be set to SLOW, MID or FAST for the HIGH mode and also for the LOW mode which are switched using the SPEED button.

<Note>

When 1 or 2 has been selected as the SPEED WITH ZOOM POS. item setting, switching between SLOW, MID and FAST is not possible.

SPEED SELECT (TILT)

(HIGH: SLOW/MID/FAST; LOW: SLOW/MID/FAST)

This item is used to select the speed at which the pan-tilt head system is to operate in the vertical direction in response to operation of the PAN/TILT lever.

The speed can be set to SLOW, MID or FAST for the HIGH mode and also for the LOW mode which are switched using the SPEED button.

<Note>

When 1 or 2 has been selected as the SPEED WITH ZOOM POS. item setting, switching between SLOW, MID and FAST is not possible.

SPEED SELECT (ZOOM)

(HIGH: SLOW/MID/FAST; LOW: SLOW/MID/FAST)

This item is used to select the speed at which the lens is to perform zoom operations in response to operation of the ZOOM lever.

The speed can be set to SLOW, MID or FAST for the HIGH mode and also for the LOW mode which are switched using the SPEED button.

SPEED SELECT (FOCUS)

(HIGH: SLOW/MID/FAST; LOW: SLOW/MID/FAST)

This item is used to select the speed at which the lens is to perform the focusing operations in response to operation of the dials on the top of the PAN/TILT lever and ZOOM lever.

The speed can be set to SLOW, MID or FAST for the HIGH mode and also for the LOW mode which are switched using the SPEED button.

Setting menus

SPEED WITH ZOOM POS. (OFF, 1, 2)

When 1 or 2 is selected as this item's setting, the pan-tilt operation of the pan-tilt head system is slowed down so that the pan-tilt position will be more easily aligned when the lens zoom is at the wide-angle position.

DIAGONAL MOTION (ON/OFF)

OFF : The pan-tilt head system moves to the position set in the preset memory at maximum speed.

ON : The speed at which the pan-tilt head system moves is adjusted so that it will move to the position set in the preset memory in a straight line.

However, repeatability with the AW-PH350 pan-tilt head will be $\pm 10'$, resulting in lower stopping accuracy.

DIAGONAL SPEED (1 to 30)

This item is used to select the speed at which the pan-tilt head system is to operate when DIAGONAL MOTION item has been set to ON. The higher the value set, the faster the speed at which the pan-tilt head will operate.

When DIAGONAL MOTION item has been set to OFF, operational speed cannot be set.

<Note>

The DIAGONAL MOTION and DIAGONAL SPEED items appear when the AW-PH350 is used as the pan-tilt head.

CAMERA SETTING menu

The operation items differ depending on the type of camera or pan-tilt head used and the optional card installed.

For further details, refer to the operating instructions of the camera used.

Specifications

[GENERAL]

Cameras supported

AW-E300, AW-E300A, AW-E600, AW-E800A,
AW-E350, AW-E650, AW-E655, AW-E750

[VIDEO BOARD] (AW-RP605AN only)

■ Output connectors

MONITOR OUT connector

BNC, 75Ω output

(Only when component (Y/Pr/Pb) signals are input)



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取扱説明書

マルチファンクションコントローラー AW-RP605AN

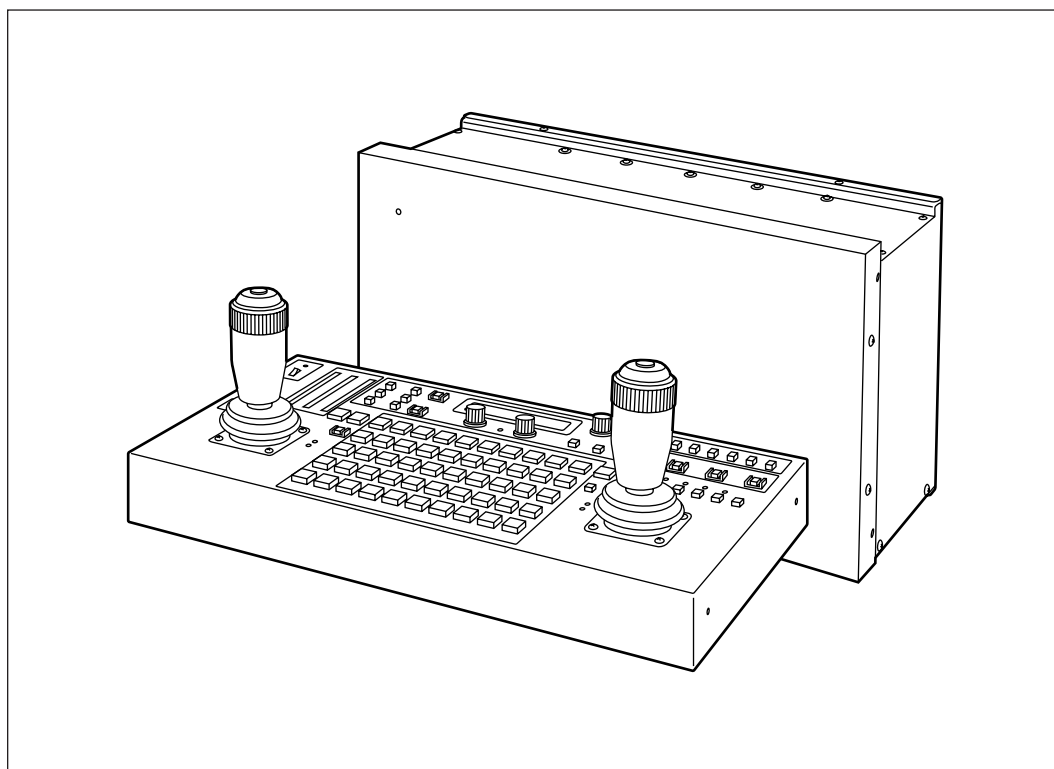
増設コントロールパネル AW-RP615AN

- AW-RP605ANはマルチファンクションコントローラーAW-RP605の機能、性能向上モデルです。
AW-RP615ANは増設コントロールパネルAW-RP615の機能、性能向上モデルです。
- 本書ではAW-RP605ANとAW-RP605、AW-RP615ANとAW-RP615の違いを説明します。
ここで説明する以外の内容につきましては、同梱のAW-RP605またはAW-RP615の取扱説明書をご覧ください。

保証書別添付

保証書は、必ず「お買い上げ日・販売店名」等の記入をお確かめのうえ、お受け取りください。

製造番号は、品質管理上重要なものです。お買い上げの際は、製品本体と保証書の製造番号をお確かめください。



ご使用前にこの取扱説明書をよくお読みのうえ、正しくお使いください。
そのあと大切に保管し、わからないときは再読してください。

各部の名称と働き

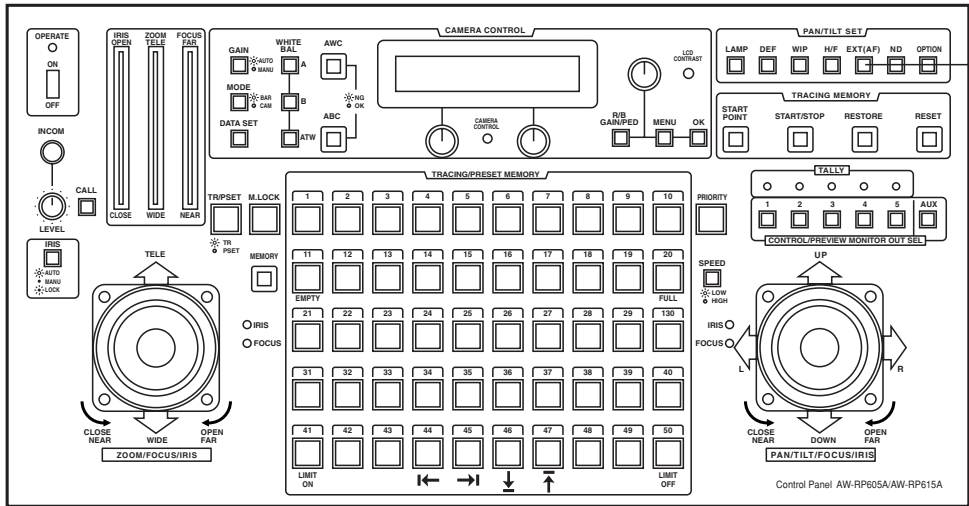
■コントロールパネル

EXT (AF) ボタン

「EXTボタン」が、AW-RP605AN/AW-RP615ANでは「EXT (AF) ボタン」に変更されています。

選択されている回転台システムにエクステンダー機能があるレンズを使用している場合、ボタンを押すごとにエクステンダー機能のON/OFFが切り替わります。

選択されている回転台システムにAF機能付きレンズ (AW-LZ16AF7G) を使用している場合、ボタンを押すごとにレンズのAF機能がON/OFFと切り替わります。どちらの場合もONの時はボタンが点灯し、OFFの時は消灯します。



EXT (AF) ボタン

※回転台AW-PH350を接続した場合のみ、このボタンでON/OFFできます。回転台を使用せずカメラのみを接続の場合はメニュー上でON/OFFしてください。

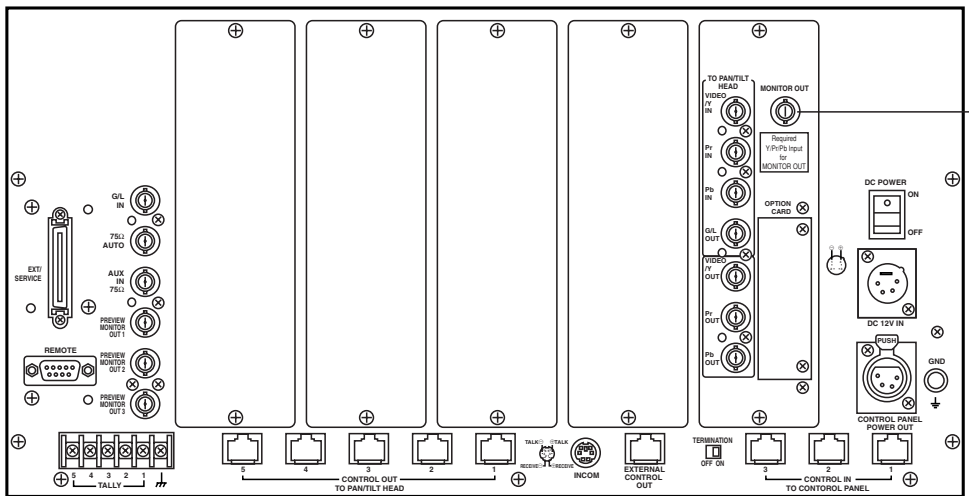
■メインユニット (AW-RP605ANのみ)

MONITOR OUT端子

VIDEOボードに「MONITOR OUT」が追加されています。コンポーネント (Y/Pr/Pb) 信号を回転台から入力しているとき、この端子からコンポジットビデオ信号が出力されます。

※ご注意：

- この信号はモニターでの映像確認用としてご使用ください。スイッチャーなどへ接続するシステム用映像信号としては使用できません。
- コンポジットビデオ信号を回転台から入力しているときは使用できません。



MONITOR OUT端子

接 続

コンポーネント信号を使用する場合

コンポーネント信号を使用する場合は、別売のRGBカード (AW-PB302) を搭載する必要があるコンバーチブルカメラと、搭載する必要のないコンバーチブルカメラ (AW-E650など) があります。

カメラの出力信号につきましては、使用するカメラの取扱説明書をご覧ください。

操作手順

回転台システムを接続し(または交換したとき)、初めて電源を投入したとき、接続されている各カメラの「INITIALIZE」が終了後、次の各項目の調整・設定を行います。各項目の調整・設定終了後、「回転台の可動範囲(リミッター)の設定」に進んでください。

一度調整すれば回転台またはカメラ、レンズを交換しない限り行う必要はありません。(再度、設定・調整する項目は交換する機材によって変わります。)

●カメラモデルの設定

回転台AW-PH300、AW-PH300A、AW-PH600を使用する場合は必ず実施してください。

1. MENUボタンを押し、ジョグダイヤル(メイン)を回してLCDパネルの上段にCONTROLLER SETTINGの項目を表示します。

CONTROLLER SETTING
→ OK Key

2. OKボタンを押します。LCDパネルに下記の項目が表示されます。

SIGNAL SELECT
C.VIDEO → C.VIDEO

3. ジョグダイヤル(メイン)を回してLCDパネルに下記の項目を表示します。

Camera Model Select
CAM1 No Camera

4. ジョグダイヤル(L)を回して接続されているカメラを選択し、ジョグダイヤル(R)を回して接続されているカメラモデルを選択します。

5. 接続されている全てのカメラモデル設定が完了したら、MENUボタンを押し、LCDパネルの表示を元の位置に戻します。

※AW-PH300、AW-PH300A、AW-PH600以外の回転台を接続するときには、この設定を実施する必要はありません。カメラモデルを自動的に判別、もしくはコンバーチブルカメラ接続ができない回転台になります。

●PAN/TILT最低起動速度の調整

回転台をジョイスティックでマニュアル操作するとき、PAN/TILTレバーの傾きに合わせて、回転台がスムーズに動き始めるように、回転台の最低起動速度の自動調整を行います。(PAN/TILTレバーのあそびを軽減します。)

1. MENUボタンを押し、ジョグダイヤル(メイン)を回してLCDパネルの上段にP/T SETTINGの項目を表示します。

P / T SETTING
→ OK Key

2. OKボタンを押します。LCDパネルに下記の項目が表示されます。

PAN DIRECTION
NORMAL

3. ジョグダイヤル(メイン)を回してLCDパネルの上段にPAN/TILT MIN SPD Setの項目を表示します。

PAN/TILT MIN SPD Set
ADJ Start Push OK Key

4. OKボタンを押すと、OKボタンが点滅し、自動的に右、上、左、下の順番で調整を行い、全て完了すると上記3.の状態に戻ります。

5. 調整途中で調整できなかった場合、LCDパネルの下段にPAN/TILT ADJ Errorが表示され、動作を停止します。

PAN/TILT MIN SPD Set
PAN/TILT ADJ Error

6. このときは、回転台へセッティングされているカメラのバランスを取り直し、OKボタンを押すと、上記3.の状態に戻り、再度自動調整を開始します。

PAN/TILT MIN SPD Set
ADJ Start Push OK Key

7. 調整終了後、MENUボタンを押ししてLCDの表示を元に戻します。

※メニューを本調整項目に合わせているときは、PAN/TILTレバーからの操作はできません。自動調整後は必ずメニューを他の項目に変更してください。

操作手順

●バックラッシュ補正の調整

回転台を動かしたとき、ギアのおそびによりバックラッシュが発生する場合があります。これはバックラッシュを軽減するために補正を加える調整です。

(バックラッシュとは、回転台を右→左へ動かして停止させ、逆方向に動かし始めるとき、ギアのおそびにより起動が遅れる現象を言います。これは左→右、上→下、下→上でも同様です。)

1. MENUボタンを押し、ジョグダイヤル(メイン)を回してLCDパネルの上段にP/T SETTINGの項目を表示します。

P / T SETTING
→ OK Key

2. OKボタンを押します。LCDパネルに下記の項目が表示されます。

PAN DIRECTION
NORMAL

3. ジョグダイヤル(メイン)を回してLCDパネルの上段にBacklash Supplementの項目を表示します。

Backlash Supplement
A = OFF

4. ジョグダイヤル(L)で設定する項目を選択し、ジョグダイヤル(R)でデータを設定します。

項目	データ
A (PANに対する補正)	ON(補正を行う) / OFF(補正を行わない)
B (TILTに対する補正)	ON(補正を行う) / OFF(補正を行わない)
C (PANに対する補正量)	1(最も少ない) ~ 7(最も多い)
D (TILTに対する補正量)	1(最も少ない) ~ 7(最も多い)

※バックラッシュが気にならない場合は、OFFでご使用ください。また、調整する場合は必ず回転台を動かして、補正量が適正かどうかを実動作でご確認の上、補正量を決定してください。補正量が多すぎる場合、回転台を停止させたとき逆方向に戻る動作をします。

●レンズのズーム最低起動速度の調整

ZOOMレバーでレンズのズーム操作をするとき、ZOOMレバーの傾きに合わせてレンズのズームがスムーズに動き出すように調整します。

1. MENUボタンを押し、ジョグダイヤル(メイン)を回してLCDパネルの上段にP/T SETTINGの項目を表示します。

P / T SETTING
→ OK Key

2. OKボタンを押します。LCDパネルに下記の項目が表示されます。

PAN DIRECTION
NORMAL

3. ジョグダイヤル(メイン)を回してLCDパネルの上段にZoom Minimum SPD ADJの項目を表示します。

Zoom Minimum SPD ADJ
0

4. ZOOMレバーをゆっくり動かし、レンズのズームがスムーズに動き始めるかをモニター上で映像を見ながら確認します。
5. レンズのズームの動き始めがスムーズでない場合、ジョグダイヤル(R)を回して、動作がスムーズになるように調整します。

設定メニュー

G/L SETTING

- CABLE LENGTH [SHORT]
 - ▶ — H PHASE [± 0]
 - ▶ — SC PHASE [COARSE: 1, FINE: ± 0]
- COARSEの設定値は、ジョグダイヤルを押して、設定値が変化する速度を切り替えることができません。

CABLE COMP

- CABLE COMP AUTO
- ▶ — CABLE COMP MANUAL (Y, C)
- ▶ — CABLE COMP MANUAL (Y Level)
- ▶ — CABLE COMP MANUAL (f Response)

CONTROLLER SETTING

- SIGNAL SELECT [C. VIDEO → C. VIDEO]
- BUZZER SET [ON]
- EXT CONTROL OUT [OFF]
- COMPONENT [Y/Pr/Pb] ← COMPONENTの項目は、OPTION CARDスロットにRGBカード (AW-PB302) を装着したときに表示されます。
- MEMORY LENGTH [30s]
- HEAD SW (R) FUNCTION [OFF]
- VIRTUAL STUDIO MODE [OFF]
- Camera Model Select [CAM1=No Camera (CAM2 - CAM5=No Camera)]

P/T SETTING

- PAN DIRECTION [NORMAL]
- TILT DIRECTION [NORMAL]
- ZOOM DIRECTION [NORMAL]
- FOCUS DIRECTION [NORMAL]
- IRIS DIRECTION [NORMAL]
- SPEED SELECT (PAN) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (TILT) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (ZOOM) [HIGH: FAST, LOW: FAST]
- SPEED SELECT (FOCUS) [HIGH: FAST, LOW: FAST]
- SPEED WITH ZOOM POS. [OFF]
- DIAGONAL MOTION [OFF]
- DIAGONAL SPEED [30]
- PAN/TILT MIN SPD Set [PAN=OFF (TILT =OFF, PAN=1, TILT=1)]
- Backlash Supplement [0]
- Zoom Minimum SPD ADJ

<ノート>

- [] 内は、出荷時の設定です。
- ▶ マークが付いている項目は、ジョグダイヤルを押す毎に、設定値が変化する速度を切り替えることができる項目です。ただし、増設コントロールパネルAW-RP615ANでは、この機能が働かない場合があります。

設定メニュー (AW-E300/AW-E300A/AW-E600/AW-E800A)

CAMERA SETTING

SCENE [USER]

USER	HALOGEN	FLOURECENT	OUTDOOR
— SHUTTER [OFF]	— SHUTTER [OFF]	— SHUTTER [OFF]	— SHUTTER [OFF]
— DETAIL [HIGH]	— DETAIL [HIGH]	— DETAIL [HIGH]	— DETAIL [HIGH]
▶ — PICTURE LEVEL [± 0]	▶ — PICTURE LEVEL [± 0]	▶ — PICTURE LEVEL [± 0]	▶ — PICTURE LEVEL [± 0]
▶ — LIGHT PEAK/AVG [0]	▶ — LIGHT PEAK/AVG [0]	▶ — LIGHT PEAK/AVG [0]	▶ — LIGHT PEAK/AVG [0]
— LIGHT AREA [TOP CUT]	— LIGHT AREA [TOP CUT]	— LIGHT AREA [TOP CUT]	— LIGHT AREA [TOP CUT]
▶ — S/S FREQUENCY [60.34 Hz]	▶ — S/S FREQUENCY [60.34 Hz]	▶ — S/S FREQUENCY [60.34 Hz]	▶ — S/S FREQUENCY [60.34 Hz]
— CHROMA LEVEL [± 0]	— CHROMA LEVEL [± 0]	— CHROMA LEVEL [± 0]	— CHROMA LEVEL [± 0]
— HIGH LIGHT CHROMA [OFF]	— HIGH LIGHT CHROMA [OFF]	— HIGH LIGHT CHROMA [OFF]	— HIGH LIGHT CHROMA [OFF]
— COLOR BAR SET [7.5 IRE]	— COLOR BAR SET [7.5 IRE]	— COLOR BAR SET [7.5 IRE]	— COLOR BAR SET [7.5 IRE]
— DETAIL FLESH TONE [MID]	— DETAIL FLESH TONE [MID]	— DETAIL FLESH TONE [MID]	— DETAIL FLESH TONE [MID]
— NEGA/POSI [POSI]	— NEGA/POSI [POSI]	— NEGA/POSI [POSI]	— NEGA/POSI [POSI]
— CLEAN DNR [OFF]	— CLEAN DNR [OFF]	— CLEAN DNR [OFF]	— CLEAN DNR [OFF]
— ASPECT RATIO [16:9]	— ASPECT RATIO [16:9]	— ASPECT RATIO [16:9]	— ASPECT RATIO [16:9]
— FAN [ON]	— FAN [ON]	— FAN [ON]	— FAN [ON]
— ATW SPEED [MIDDLE]	— ATW SPEED [MIDDLE]	— ATW SPEED [MIDDLE]	— ATW SPEED [MIDDLE]
— FIELD/FRAME [FIELD]	— CONTRAST (GAMMA) [MID]	— CONTRAST (GAMMA) [MID]	— CONTRAST (GAMMA) [MID]
— 2D LPF [OFF]	— FLESH TONE [± 0]	— FLESH TONE [± 0]	— FLESH TONE [± 0]
— H DETAIL LEVEL H [+24] ※	— DETAIL SELECT [NORMAL]	— DETAIL SELECT [NORMAL]	— DETAIL SELECT [NORMAL]
— V DETAIL LEVEL H [+7] ※	— NOISE SUPPRESS [OFF]	— NOISE SUPPRESS [OFF]	— NOISE SUPPRESS [OFF]
— H DETAIL LEVEL L [+12] ※	— V RESOLUTION [NORMAL]	— V RESOLUTION [NORMAL]	— V RESOLUTION [NORMAL]
— V DETAIL LEVEL L [+4] ※	— ZEBRA INDICATOR [OFF]	— ZEBRA INDICATOR [OFF]	— ZEBRA INDICATOR [OFF]
— DETAIL BAND [5] ※	— ZEBRA L LEVEL [70%]	— ZEBRA L LEVEL [70%]	— ZEBRA L LEVEL [70%]
— NOISE SUPPRESS [0]	— ZEBRA H LEVEL [85%]	— ZEBRA H LEVEL [85%]	— ZEBRA H LEVEL [85%]
— LEVEL DEPENDENT [0%]	— SAFETY ZONE [1]	— SAFETY ZONE [1]	— SAFETY ZONE [1]
— DARK DETAIL [0]	— EVF OUTPUT [Y]	— EVF OUTPUT [Y]	— EVF OUTPUT [Y]
— CHROMA DETAIL [0]	— COMPONENT [Y/Pr/Pb]	— COMPONENT [Y/Pr/Pb]	— COMPONENT [Y/Pr/Pb]
— CORNER DETAIL [OFF]	— CHARGE TIME [AUTO]	— CHARGE TIME [AUTO]	— CHARGE TIME [AUTO]
— PRECISION DETAIL [OFF]	— AGC MAX LEVEL [18 dB]	— AGC MAX LEVEL [18 dB]	— AGC MAX LEVEL [18 dB]
▶ — MATRIX (R-G) [± 0]			
▶ — MATRIX (R-B) [± 0]			
▶ — MATRIX (G-R) [± 0]			
▶ — MATRIX (G-B) [± 0]			
▶ — MATRIX (B-R) [± 0]			
▶ — MATRIX (B-G) [± 0]			
— GAMMA [0.45]			
— KNEE POINT [88%]			
— WHITE CLIP [110%]			
▶ — FLARE R [0]			
▶ — FLARE G [0]			
▶ — FLARE B [0]			
— BLACK STRETCH [OFF]			
— ZEBRA INDICATOR [OFF]			
— ZEBRA L LEVEL [70%]			
— ZEBRA H LEVEL [85%]			
— SAFETY ZONE [1]			
— EVF OUTPUT [Y]			
— COMPONENT [Y/Pr/Pb]			
— CHARGE TIME [AUTO]			
— AGC MAX LEVEL [18 dB]			

<ノート>

- [] 内は、出荷時の設定です。
- [] の右に、※マークが付いている項目は、カメラとしてAW-E800Aを使用することを基準にした設定値です。他のカメラを使用する場合は、使用するカメラの初期値に変更してください。
- ▶マークが付いている項目は、ジョグダイヤルを押す毎に、設定値が変化する速度を切り替えることができる項目です。ただし、増設コントロールパネルAW-RP615ANでは、この機能が働かない場合があります。

設定メニュー (AW-E350/AW-E650/AW-E655/AW-E750)

CAMERA SETTING

SCENE [USER]

USER

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
※	Auto Focus	[OFF] (E655)
—	Filter	[Ir Through] (E655)
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	FIELD/FRAME	[FIELD]
—	2D LPF	[OFF]
—	H DETAIL LEVEL H	[15]
—	V DETAIL LEVEL H	[12]
—	H DETAIL LEVEL L	[8]
—	V DETAIL LEVEL L	[7]
—	DETAIL BAND	[2]
—	NOISE SUPPRESS	[3]
—	LEVEL DEPENDENT	[0%]
—	DARK DETAIL	[0]
—	CHROMA DETAIL	[0]
—	CORNER DETAIL	[OFF]
—	PRECISION DETAIL	[OFF]
—	MATRIX (B_Mg Gain)	[± 0]
—	MATRIX (B_Mg Phase)	[± 0]
—	MATRIX (Mg Gain)	[± 0]
—	MATRIX (Mg Phase)	[± 0]
—	MATRIX (Mg_R Gain)	[± 0]
—	MATRIX (Mg_R Phase)	[± 0]
—	MATRIX (R Gain)	[± 0]
—	MATRIX (R Phase)	[± 0]
—	MATRIX (R_YI Gain)	[± 0]
—	MATRIX (R_YI Phase)	[± 0]
—	MATRIX (YI Gain)	[± 0]
—	MATRIX (YI Phase)	[± 0]
—	MATRIX (YI_G Gain)	[± 0]
—	MATRIX (YI_G Phase)	[± 0]
—	MATRIX (G Gain)	[± 0]
—	MATRIX (G Phase)	[± 0]
—	MATRIX (G_Cy Gain)	[± 0]
—	MATRIX (G_Cy Phase)	[± 0]
—	MATRIX (Cy Gain)	[± 0]
—	MATRIX (Cy Phase)	[± 0]
—	MATRIX (Cy_B Gain)	[± 0]
—	MATRIX (Cy_B Phase)	[± 0]
—	MATRIX (B Gain)	[± 0]
—	MATRIX (B Phase)	[± 0]
—	GAMMA	[0.45]
—	KNEE POINT	[88%]
—	WHITE CLIP	[110%]
▶	FLARE R	[0]
▶	FLARE G	[0]
▶	FLARE B	[0]
—	BLACK STRETCH	[OFF]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

HALOGEN

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

FLOURECENT

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

OUTDOOR

—	SHUTTER	[OFF]
—	DETAIL	[HIGH]
▶	PICTURE LEVEL	[± 0]
▶	LIGHT PEAK/AVG	[0]
—	LIGHT AREA	[TOP CUT]
▶	S/S FREQUENCY	[60.34 Hz]
—	CHROMA LEVEL	[± 0]
—	COLOR BAR SET	[7.5 IRE]
—	DETAIL FLESH TONE	[MID]
—	NEGA/POSI	[POSI]
—	CLEAN DNR	[OFF]
—	FAN	[ON]
—	ATW SPEED	[MIDDLE]
—	3D-DNR	[OFF]
—	Auto Focus	[OFF]
—	Filter	[Ir Through]
—	Digital Extender	[OFF]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[OFF]
—	AGC MAX LEVEL	[18 dB]
—	Digital Gain	[0 dB]
—	CONTRAST (GAMMA)	[MID]
—	FLESH TONE	[± 0]
—	DETAIL SELECT	[NORMAL]
—	NOISE SUPPRESS	[OFF]
—	V RESOLUTION	[NORMAL]
—	ZEBRA INDICATOR	[OFF]
—	ZEBRA L LEVEL	[70%]
—	ZEBRA H LEVEL	[85%]
—	SAFETY ZONE	[1]
—	EVF OUTPUT	[Y]
—	COMPONENT	[Y/Pr/Pb]
—	CHARGE TIME	[AUTO]
—	AGC MAX LEVEL	[18 dB]

<ノート>

- [] 内は、出荷時の設定です。
- ▶マークが付いている項目は、ジョグダイヤルを押す毎に、設定値が変化する速度を切り替えることができる項目です。ただし、増設コントロールパネルAW-RP615ANでは、この機能が動かない場合があります。
- ※回転台AW-PH350を接続しAF機能付きレンズ (AW-LZ16AF7G) をご使用の場合は、このメニューからではON/OFFできません。コントロールパネル上のEXT (AF) ボタン (P.2参照) でON/OFFしてください。

設定メニュー

G/L SETTING (ゲンロック調整)メニュー

CABLE LENGTH (SHORT、LONG)

ゲンロック信号用BNCケーブルの長さ補正を設定します。G/L用のBNCケーブルが500m未満のときはSHORTに設定し、500m以上のときはLONGに設定します。

H PHASE (-206~+49)

ゲンロック時の水平位相を調整します。

SC PHASE (1、2、3、4、-511~+511)

ゲンロック時の色位相を調整します。

CABLE COMP (ケーブル補償)メニュー

CABLE COMP AUTO

この項目を選択してOKボタンを押すと、ケーブル補償を自動で調整します。

ウェブフォームモニターやベクトルスコープモニターなどの測定器が無い場合や、簡易調整をするときに行ってください。

CABLE COMP MANUAL (Y : 0~255、C : 0~255)

CONTROLLER SETTINGメニューのSIGNAL SELECT項目で入力信号にC. VIDEOが設定されているとき、ケーブル補償を手動で調整します。

CABLE COMP MANUAL Y LEVEL (0~255)

CONTROLLER SETTINGメニューのSIGNAL SELECT項目で入力信号にY/Pr/Pbが設定されているとき、レベル補正を手動で調整します。

この項目を選択すると、自動的に本機の映像出力信号がY/Pr/Pbになります。この項目が解除されると、元の映像出力信号に戻ります。

CABLE COMP MANUAL f Responce (0~255)

CONTROLLER SETTINGメニューのSIGNAL SELECT項目で入力信号にY/Pr/Pbが設定されているとき、周波数特性の補正を手動で調整します。

この項目を選択すると、自動的にカメラからの出力信号をY/C信号にし、本機の映像出力信号をY/Pr/Pbにします。Pr出力信号でバーストレベルを調整することにより、周波数特性の補正を行います。この項目が解除されると、元の映像出力信号に戻ります。

CONTROLLER SETTING (コントローラー設定)メニュー

SIGNAL SELECT (C. VIDEO↔C. VIDEO、Y/Pr/Pb↔C. VIDEO、Y/Pr/Pb↔Y/Pr/Pb)

本機の入力信号と出力信号を設定します。本機への入力信号をC. VIDEO (コンポジット信号) に設定した場合、出力信号もC. VIDEOに固定されます。本機への入力信号をY/Pr/Pb (コンポーネント信号) に設定した場合、出力信号はY/Pr/PbとC. VIDEOから選択できます。

BUZZER SET (ON/OFF)

コントロールパネルに内蔵されているブザーのON/OFFを設定します。OFFに設定するとブザーが鳴りません。ブザーはCALLボタンを押したときや、トレーシングメモリー操作 (記録・再生・修正) の開始・中断・登録を行うときに鳴ります。

EXT CONTROL OUT (ON/OFF)

ONに設定すると、回転台システムの制御信号が、機能拡張用のEXTERNAL CONTROL OUT端子より出力されます。現在はサポートされておりません。OFFの設定で使用してください。

COMPONENT (RGB、Y/Pr/Pb、Y/C)

OPTION CARDスロットにRGBカード (AW-PB302) を装着したときに、出力する映像信号を選択します。

MEMORY LENGTH (30s、60s、150s、300s)

トレーシングメモリーの記録時間とメモリー数を設定します。

30s : 30秒 × 10メモリー

60s : 60秒 × 5メモリー

150s : 150秒 × 2メモリー

300s : 300秒 × 1メモリー

<ノート>

トレーシングメモリーが既に登録されているときは、記録時間とメモリー数を設定することができません。設定し直す場合は、登録済みのトレーシングメモリーを消去してから行ってください。

HEAD SW (R) FUNCTION (ON/OFF)

ONに設定すると、PAN/TILTレバーの天面にあるボタンで行う、調整ダイヤルの機能切り替え (IRISとFOCUS) ができなくなります。現在はサポートされておりません。OFFの設定で使用してください。

VIRTUAL STUDIO MODE (ON/OFF)

ONに設定すると、バーチャルスタジオ (AV-VS500) のブルーバックを基準にした色に、カメラの映像信号出力を切り替えます。

設定メニュー

P/T SETTING (回転台設定) メニュー

PAN DIRECTION (NORMAL/REVERSE)

PAN/TILTレバーの操作で行う、回転台システムの水平方向の動作を切り替えます。

NORMALに設定すると、PAN/TILTレバーをL側へ倒したときに回転台システムが左方向に動作し、R側へ倒したときに右方向に動作します。

REVERSEに設定すると、逆方向に動作します。

<ノート>

回転台にAW-PH300を据え置き設置で使用する場合、通常はREVERSEに設定してください。

REVERSEに設定すると、PAN/TILTレバーをL側へ倒したときに回転台システムが左方向に動作し、R側へ倒したときに右方向に動作します。

NORMALに設定すると、逆方向に動作します。

TILT DIRECTION (NORMAL/REVERSE)

PAN/TILTレバーの操作で行う、回転台システムの垂直方向の動作を切り替えます。

NORMALに設定すると、PAN/TILTレバーをUP側へ倒したときに回転台システムが上方向に動作し、DOWN側へ倒したときに下方向に動作します。

REVERSEに設定すると、逆方向に動作します。

<ノート>

回転台にAW-PH300を吊り下げ設置で使用する場合、通常はREVERSEに設定してください。

REVERSEに設定すると、PAN/TILTレバーをUP側へ倒したときに回転台システムが上方向に動作し、DOWN側へ倒したときに下方向に動作します。

NORMALに設定すると、逆方向に動作します。

ZOOM DIRECTION (NORMAL/REVERSE)

ZOOMレバーの操作で行う、レンズのズーム動作を切り替えます。

NORMALに設定すると、ZOOMレバーをTELE側へ倒したときにズーム動作が望遠側に動作し、WIDE側へ倒したときに広角側に動作します。

REVERSEに設定すると、逆方向に動作します。

FOCUS DIRECTION (NORMAL/REVERSE)

PAN/TILTレバーとZOOMレバー上部のダイヤル操作で行う、レンズのフォーカス動作を切り替えます。

NORMALに設定すると、ダイヤルをFAR側へ回したときにフォーカス動作が遠距離側に動作し、NEAR側へ回したときに近距離側に動作します。

REVERSEに設定すると、逆方向に動作します。

IRIS DIRECTION (NORMAL/REVERSE)

PAN/TILTレバーとZOOMレバー上部のダイヤル操作で行う、レンズの絞り動作を切り替えます。

NORMALに設定すると、ダイヤルをOPEN側へ回したときに絞りが解放し、CLOSE側へ回したときに閉じます。

REVERSEに設定すると、逆方向に動作します。

一部のレンズで、絞り動作が逆に動く場合がありますので、操作しやすい設定で使用してください。

SPEED SELECT (PAN)

(HIGH : SLOW/MID/FAST, LOW : SLOW/MID/FAST)

PAN/TILTレバーを操作して、回転台システムが水平方向に動作するスピードを切り替えます。

SPEEDボタンで切り替えるHIGHとLOWそれぞれのモードで、SLOW/MID/FASTに3段階で設定できます。

<ノート>

「SPEED WITH ZOOM POS.」を1または、2に設定すると、SLOW/MID/FASTの切り替えができません。

SPEED SELECT (TILT)

(HIGH : SLOW/MID/FAST, LOW : SLOW/MID/FAST)

PAN/TILTレバーを操作して、回転台システムが垂直方向に動作するスピードを切り替えます。

SPEEDボタンで切り替えるHIGHとLOWそれぞれのモードで、SLOW/MID/FASTに3段階で設定できます。

<ノート>

「SPEED WITH ZOOM POS.」を1または、2に設定すると、SLOW/MID/FASTの切り替えができません。

SPEED SELECT (ZOOM)

(HIGH : SLOW/MID/FAST, LOW : SLOW/MID/FAST)

ZOOMレバーを操作して、レンズがズーム動作を行うスピードを切り替えます。

SPEEDボタンで切り替えるHIGHとLOWそれぞれのモードで、SLOW/MID/FASTに3段階で設定できます。

SPEED SELECT (FOCUS)

(HIGH : SLOW/MID/FAST, LOW : SLOW/MID/FAST)

PAN/TILTレバーとZOOMレバー上部のダイヤル操作で行う、レンズがフォーカス動作を行うスピードを切り替えます。

SPEEDボタンで切り替えるHIGHとLOWそれぞれのモードで、SLOW/MID/FASTに3段階で設定できます。

SPEED WITH ZOOM POS. (OFF, 1, 2)

1または、2に設定すると、レンズのズーム位置が広角のときに、回転台システムのパン/チルト動作を遅くし、パン/チルトの位置を合わせやすくします。

設定メニュー

DIAGONAL MOTION (ON/OFF)

OFF：回転台システムが、最大速度でプリセットメモリー設定位置まで移動します。

ON：回転台システムの動作速度を調整し、プリセットメモリー設定位置まで移動する軌跡が直線になるようにします。

ただし、回転台AW-PH350のリピータビリティが±10' となり、静止精度が悪くなります。

DIAGONAL SPEED (1~30)

DIAGONAL MOTIONをONに設定したときの動作速度を設定します。設定値を大きくすると、動作速度が速くなります。

DIAGONAL MOTIONがOFFのときは、動作速度を設定できません。

<ノート>

DIAGONAL MOTIONとDIAGONAL SPEEDの項目は、回転台としてAW-PH350を使用しているときに表示します。

CAMERA SETTING (カメラ設定) メニュー

使用するカメラや回転台、また、装着するオプションカードにより、動作する項目が異なります。

詳細は、使用するカメラの取扱説明書をご参照ください。

定格

【総合】

対応カメラ

AW-E300、AW-E300A、AW-E600、
AW-E800A、AW-E350、AW-E650、AW-E655、
AW-E750

【ビデオボード部】(AW-RP605ANのみ)

■出力端子

MONITOR OUT
BNC、75Ω出力
(コンポーネントY/Pr/Pb入力時のみ)

松下電器産業株式会社 ブロードメディア本部

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