

2.8 Adjustment

2.8.1 How to select the factory adjustment (FACTORY) mode

2.8.1.1 Selecting with automatic adjustment device (Selecting with communication)

Using the communication command (DDC2Bi), issue the command from the automatic adjustment device to the monitor, and set the factory adjustment mode flag in the EEPROM to "01h" ("00h" for user mode).

(Refer to the A/B chassis automatic adjustment communication specifications (Protocol of DDC2Bi Enhanced) for details.)

2.8.1.2 Selecting with front panel switches

- (1) Turn the power ON while holding down the CONNECTOR SELECT button.
- (2) After step (1), release the button after one to two seconds.
- (3) Confirm that 00 is displayed for the counter on the OSD display, and set to 225 with the (-) ADJUST button.
- (4) Set to 05 with the (+) ADJUST button.
- (5) When the adjustment item select button (RIGHT side) is pressed, the factory mode will be entered.

This factory adjustment mode is entered with the above steps.

*The factory adjustment mode remains valid even after the power is turned OFF.

Note that steps (3) to (4) must be carried out within ten seconds. If ten seconds are exceeded, the mode will return to the user mode.

<Returning to the user mode from the factory mode>

- (1) OSD (for factory, user select) is displayed with the group selection.
- (2) Set the counter value to 010 with the (-) (+) ADJUST buttons.
- (3) When the adjustment item select button (RIGHT side) is pressed, the mode will return to the user mode.

2.8.2 Adjustments before aging

Status indicator	Adjustment item	Adjustment mode/set	Input signal/pattern
	Before aging		The only the sync. signal of No. 12 : 106.25K / 85Hz

2.8.2.1 Adjusting the high voltage and high voltage protector

Status indicator	Adjustment item	Adjustment mode/set	Input signal/pattern
	High voltage and high voltage protector		The only the sync. signal of No. 12 : 106.25K / 85Hz

- (1) Turn the monitor power OFF, and connect a high voltage meter to the CRT anode. Then, turn the monitor power ON.
- (2) Select the "GO TO FACTORY MODE" on the OSD and set to 250 with the ADJUST button (-) and then press the adjustment item select button (RIGHT side).
- (3) Select HVAD (HV-ADJUST), and adjust high voltage to 27.0kV±0.5kV.
- (4) Select HVTP (HV-TEMP), and adjust high voltage to 30.5kV±0.3kV.
- (5) Select XPRO (XRAY-PROTECT), and turn the screen VR completely counterclockwise and set to the data the high voltage protector circuit operating with the ADJUST button (-).
- (6) Set the power of the monitor OFF to ON. Turn the screen VR so that OSD is found and select the HV-ADJUST-TEMP on the OSD.
- (7) Turn the screen VR completely counterclockwise and build up the high voltage with the