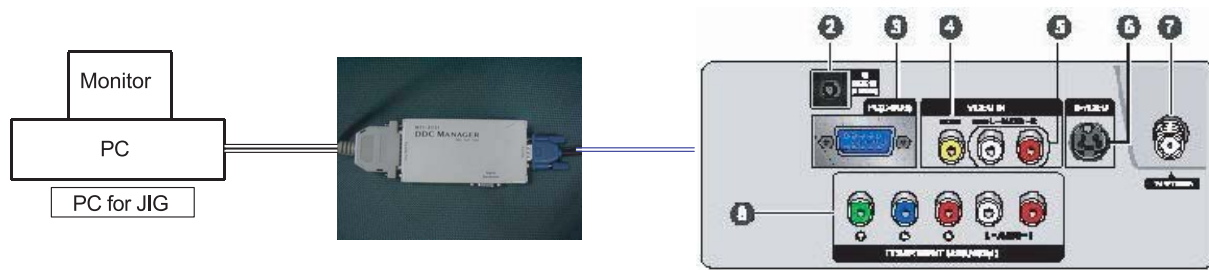

3 Alignments and Adjustments

3-1 EDID input method

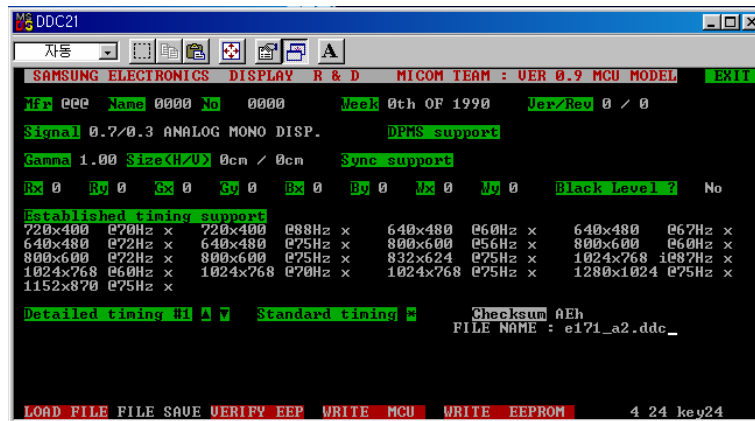
SAMSUNG MFM support the DDC control JIG.

You can see the connection between PC and MFM.



3 Alignments and Adjustments

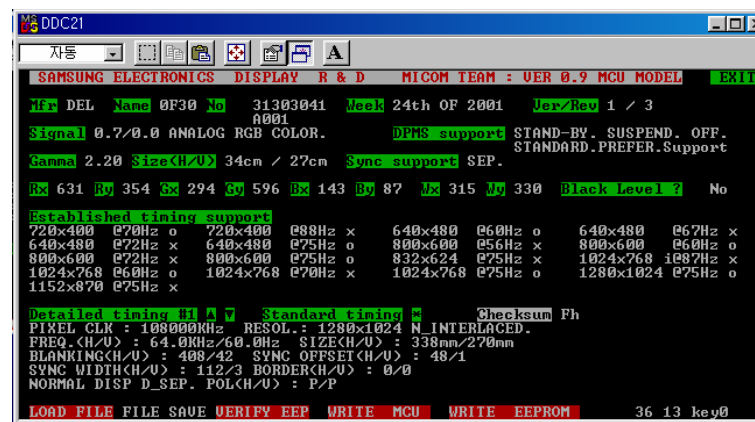
3-2 EDID Installation with Dos Program



1. Execute "DDC21.exe"±

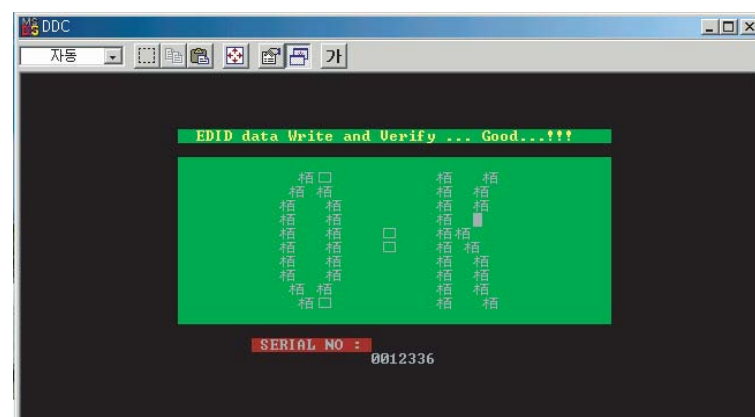
2. Click "LOAD FILE"±

3. Input the File Name
- ".ddc"

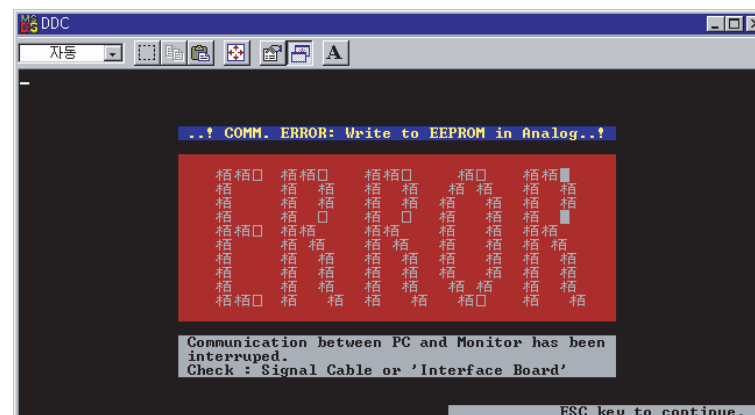


4. Click "WRITE EEPROM"±

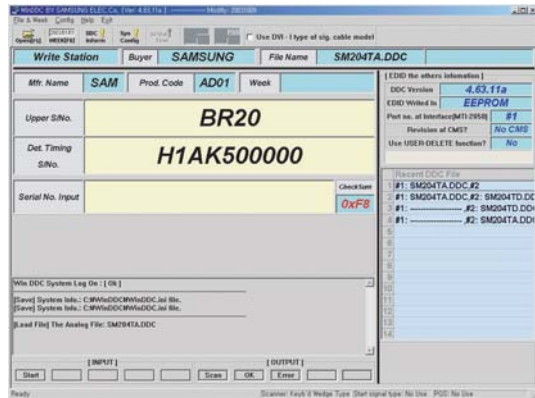
Confirm the "OK" Sign



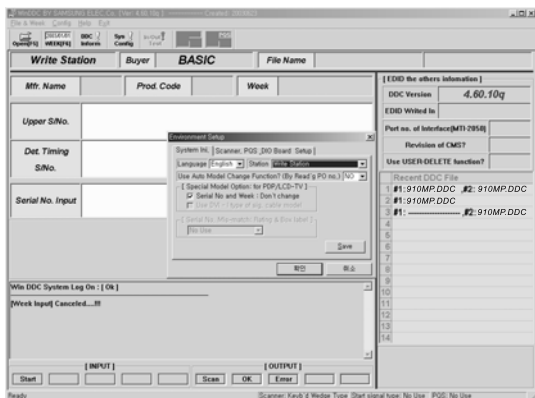
Error Message: Check the Signal Cable
or Interface Board



3-3 EDID Installation with Windows Program



1. Execute "WinDDC.exe"

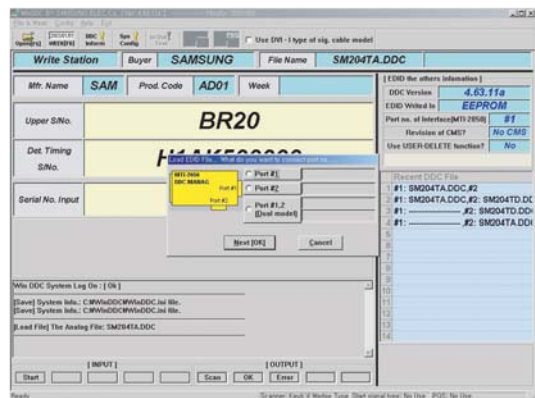


2. Click "Sys Config"

Select "Station : Write station"

Check "Serial No and Week : Don't change"

Click "Save"



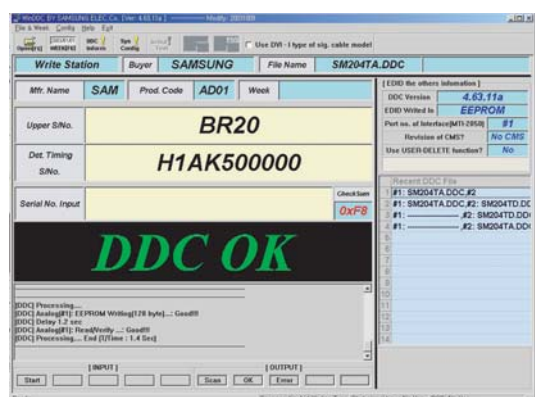
3. Click "Open" icon.

Select "Connected Port #1" and Next "OK".

* File Name - 741MP.DDC : Analog

- 941MP.DDC : Digital

Press enter key on your keyboard.



4. Confirm the "DDC OK".

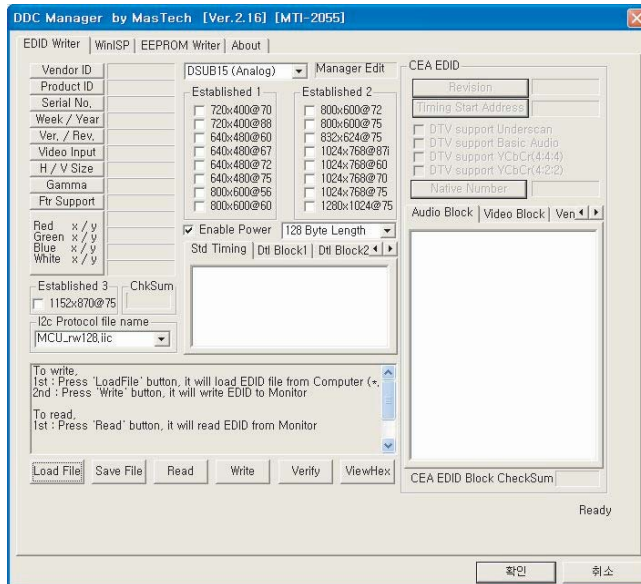
- After Replacing the Main Board
- EDID Installation (Analog and Digital)

3 Alignments and Adjustments

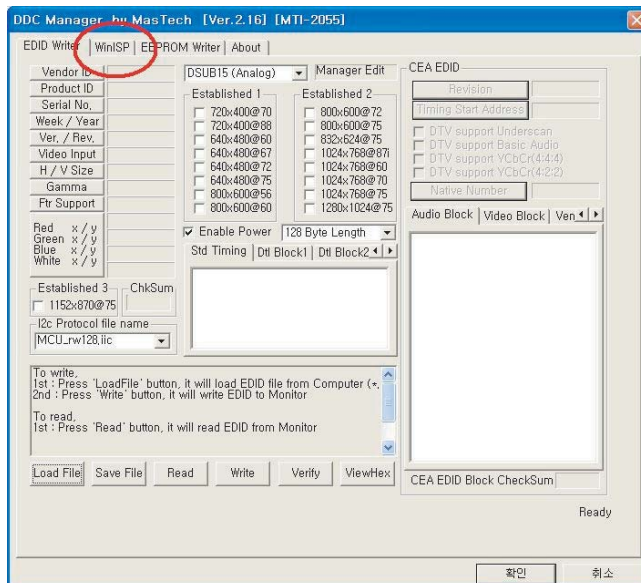
3-4 Code Update

1. Install the winDDC_V2-16_02 Program

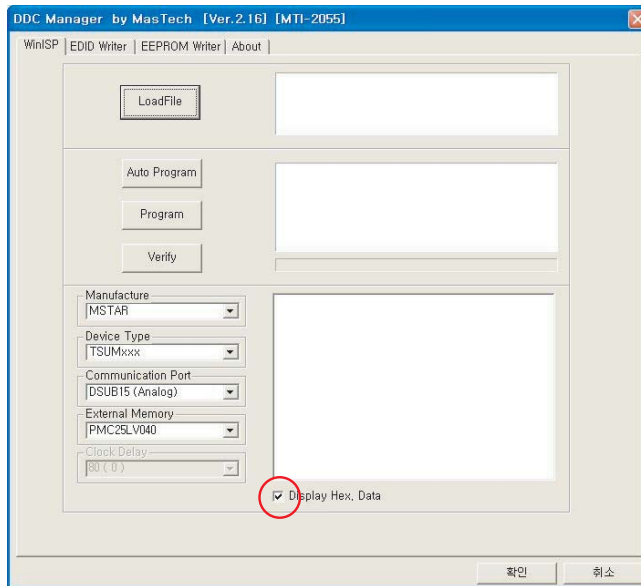
2. Run the winDDC program



Run the DDC Manager program Initial screen

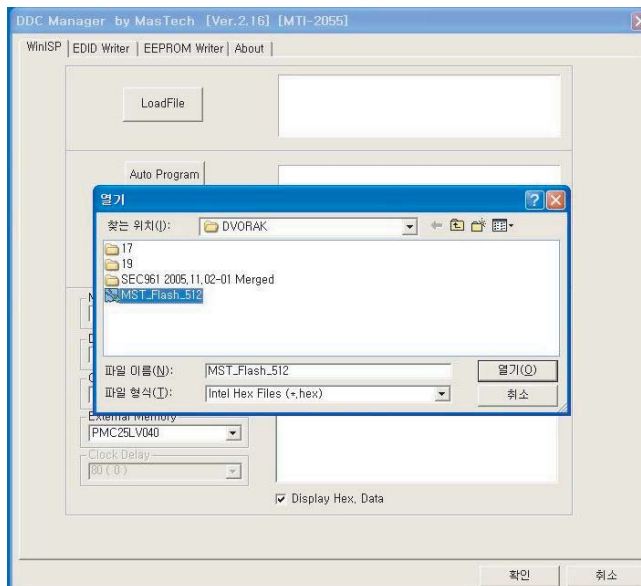


Select the WinISP



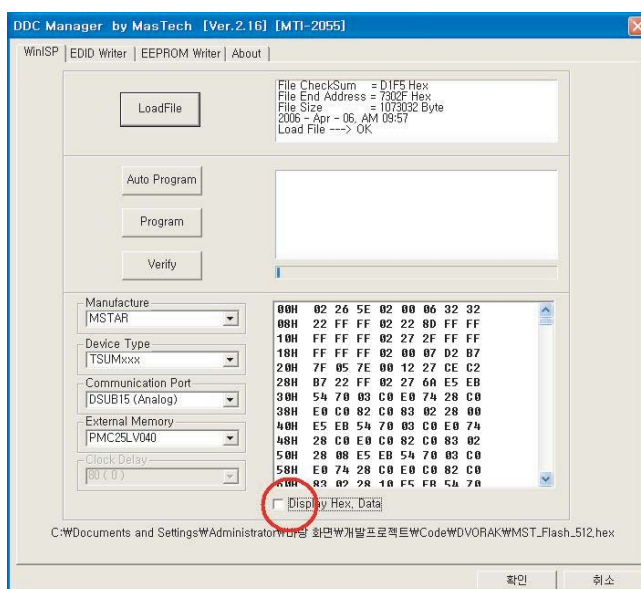
Select the LoadFile

Ignore the checking for the Display Hex.Data



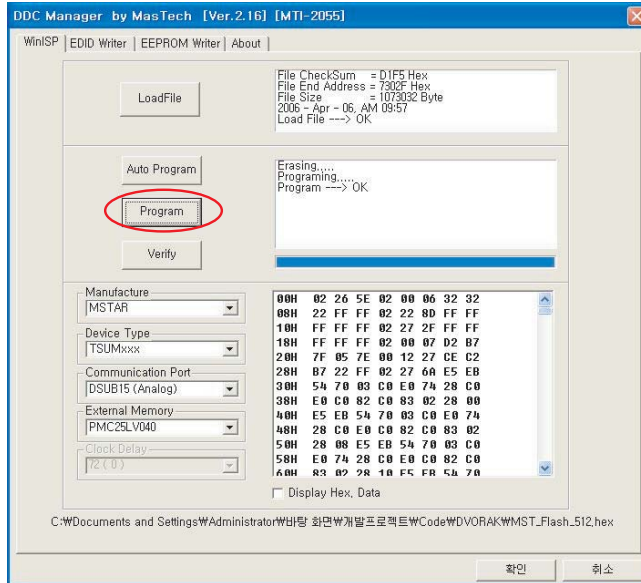
Select a code to be updated

Only the *.hex file can be downloaded



Load File Confirm 'OK'

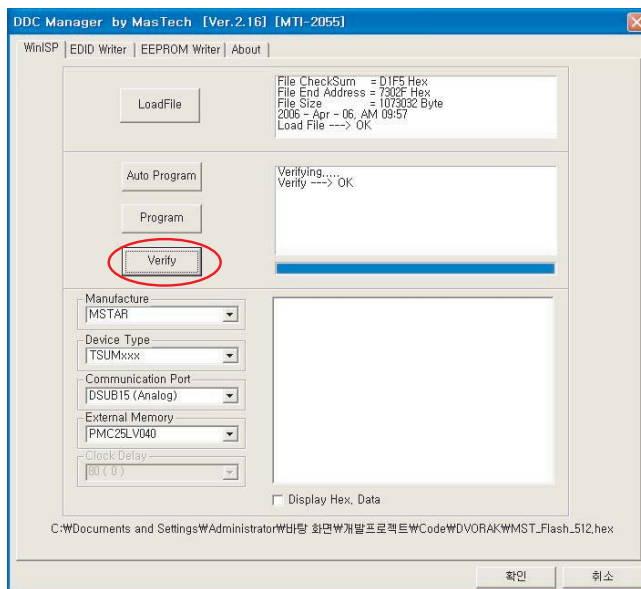
3 Alignments and Adjustments



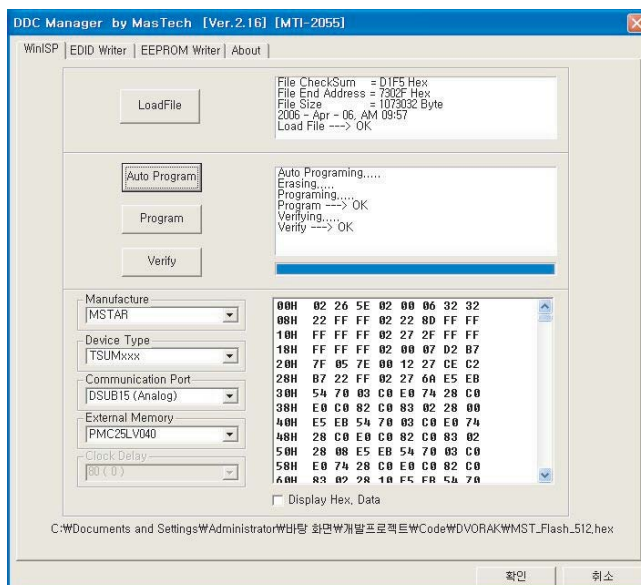
Select the Program

Code Update Erasing Programming

Confirm 'OK'



Select the Verify Confirm 'OK'



When selecting the Auto Program

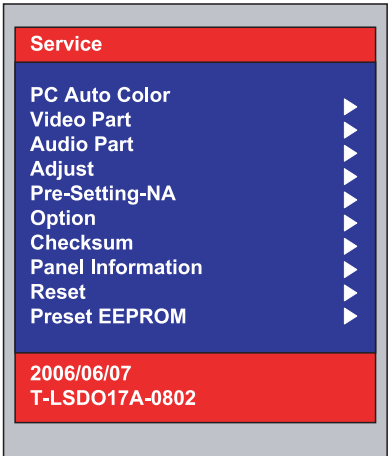
It performs the Erasing, Programming, and Verifying all together.

3-5 Factory Mode Adjustments

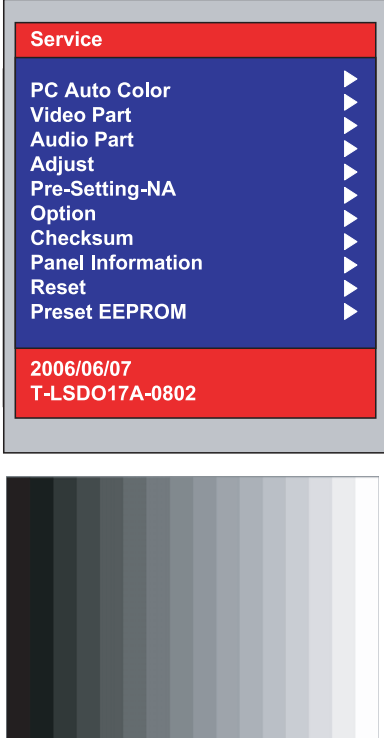
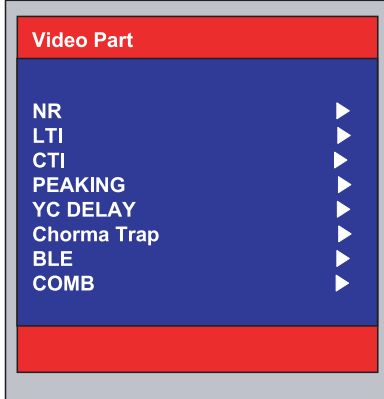
3-5-1 Factory Mode Admission

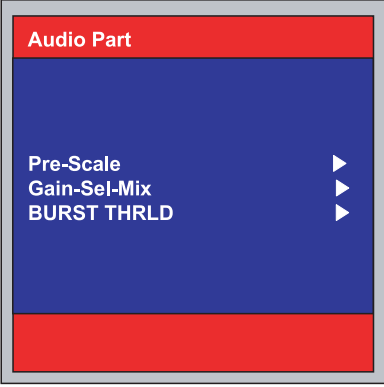
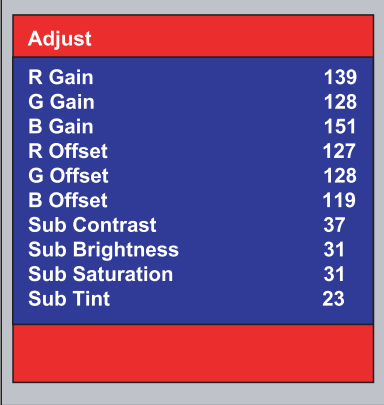
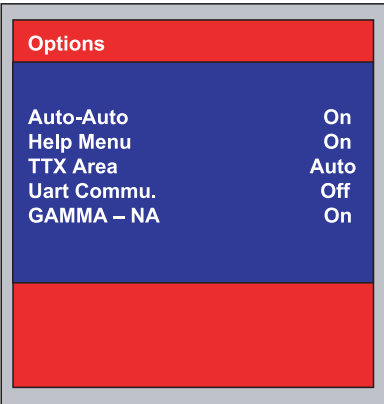
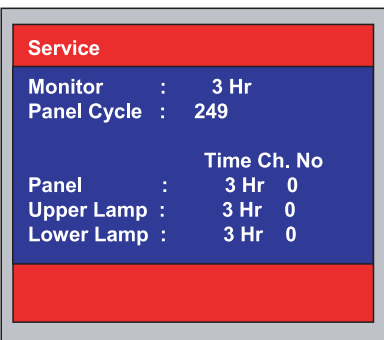
- PAL : [Power off] → [Info] → [Menu] → [Power on]
- NTC : [Power off] → [MUTE] → [1] → [8] → [2] → [Power on]

3-5-2 Service Function list

No	Function	Action method
1.	Hidden Service Function 	<p>Entering Factory Mode</p> <p>1) To enter "Service Mode" Press the remote -control keys in this sequence :</p> <p>- If you do not have Factory remote - control POWER OFF -> INFO -> MENU -> MUTE -> POWER ON</p> <p>2) If you have Factory remote-control POWER ON -> INFO -> Factory</p> <p>-. OSD which the basic adjustment is added.</p> <p>PC Auto Color Video Part Audio Part Adjust Pre-Setting-NA Option Checksum Panel Information Reset Preset EEPROM</p> <p>*. 2006/06/07: MCU firmware date. *. T-LSDO17A-0802: MCU firmware version information (this information must be appended due to a compatibility problem report.)</p> <p>3) Reset: Factory reset 2) Bus Stop: The communication Line ON / OFF</p>

3 Alignments and Adjustments

No	Function	Action method
2.		<p>Move to the (-) / (+) key, select the 'Enter' key.</p> <p>1) PC Auto Color/ Video Auto Color : in case that color of all screen is wrong, excute the PC Auto color at 16 gray pattern (refer to attach left 16gray pattern)</p> <p>4) Checksum: MCU firmware checksum information (this information must be appended due to a compatibility problem report.)</p>
3.		<p>2) Video Part</p> <ul style="list-style-type: none"> - NR : Temporal NR / Spatial NR - LTI : LTI LOW / HIGH - CTI : CTI SCALER / DECODER - PEAKING : Pos Peak Neg Peak / Peak Coring - YC DELAY - Chorma Trap - BLE BLE START / SLOPE - COMB Comb Contrast / Brightness / Saturation <p>*.When Panel Information selected</p>

No	Function	Action method
4.		3) Audio Part - Pre- Scale : SPK / SCART - Gain-Sel -Mix - BURST THRLD H / L / CHECK THRLD / P-S MUTE *.When Panel Information selected
5.		4)Adjust 5) Pre-Setting - NA *.When Panel Information selected
6.		6) Options - Auto-Auto - Help Menu - TTX Area - Uart Commu. - GAMMA - NA 7) Checksum *.When Panel Information selected
7.		8) Panel Information various function are included in information. 1. Monitor On Time : Power On Time 2. Panel Cycle : Panel On/off time (Power off, Mode change, DPMS on/off ...) 3. Panel : Panel on Time (when the panel is changed , select the Reset) 4. Lower lamp : Lower lamp on time (when the Lower lamp is changed , select the Reset) 5. Upper lamp : Upper Lamp on time (when the Upper Lamp is changed , select the Reset) 9) Reset 10) Preset EEPROM

3 Alignments and Adjustments

Memo