

## ADJUSTMENTS

### ADJUSTMENTS NECESSARY AFTER REPLACEMENT OF MODULES:

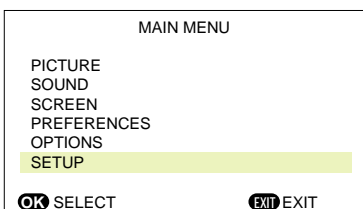
- After replacement of MAIN module, perform the adjustments of "video screen position" and "DVD/HD/DTV screen position".
  - After replacement of POWER or PDP module, perform the adjustment of "+170V/+70V" and "+5V". When replacing PDP module, the "usage time" should be reset (as shown below)
- Replacing another module does not require further adjustment unless abnormal conditions are encountered.

## OSD CONTROLS

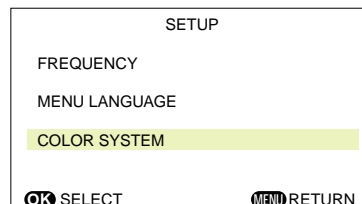
Before entering the service mode, it could be necessary to configure the plasma monitor in the On Screen menu.

### ACCESSING COLOR STANDARD

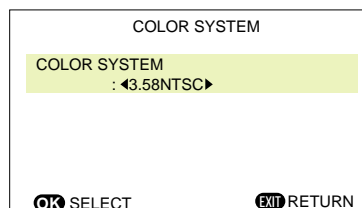
- Using the remote control, press "menu" button.
- The "main" menu appears on the screen.



- Press the  $\wedge / \vee$  buttons to select the "setup" line.
- The "setup" menu appears on the screen.



- Select the "color system" line.
- The "color system" menu appears on the screen.



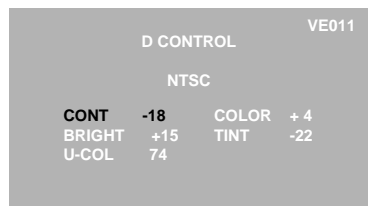
- Press the  $\langle / \rangle$  buttons to select the color standard.

## SERVICE MODE

It is necessary to enter the Service Mode in order to carry out alignment of the set. Most adjustments must be made with the RCU.

### 1 ACCESSING SERVICE MODE

- Using the remote control, press successively the zoom "-" ( $\text{Q-}$ ), exit, mute ( $\text{M}$ ) and zoom "-" ( $\text{Q-}$ ) buttons.
- The main service menu appears on the screen.



### 2 NAVIGATION INSIDE THE SERVICE MODE

- Press the "menu" button to select the menu.
  - Press the  $\wedge / \vee$  buttons to select the menu line.
  - Press the  $\langle / \rangle$  buttons to make adjustments.
- NB : the value of the adjustment is memorized automatically.

### 3 EXITING FROM SERVICE MODE

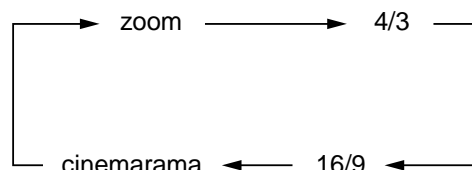
- To exit the service mode menu press successively, the zoom "-" ( $\text{Q-}$ ), exit, mute ( $\text{M}$ ) and zoom "-" ( $\text{Q-}$ ) buttons on the remote control.

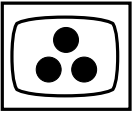
### 4 CLEARING THE USAGE TIME













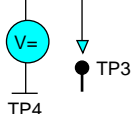
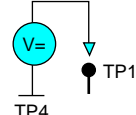
- Enter the service mode and select the "usage time" menu.
- Using the remote control, press successively the mute ( $\text{M}$ ),  $\wedge$ ,  $\vee$ , and zoom "-" ( $\text{Q-}$ ) buttons.

## ZOOM SEQUENCE

It could be necessary to change the zoom mode in order to carry out some alignments of the set. Press the "format" button of the remote control. The mode switches as shown in the margin.





<p><b>MAIN</b></p> <p>Video screen position</p>	<p>SERVICE MODE</p> <p>"POSITION" menu</p>	<p>NTSC test pattern :</p>   Video input	<p>If there is any displacement of the display range in the PDP module, select "MHPOS" and "MVPOS" lines, and adjust correctly.</p> <p>Select "H POS" line and adjust  </p> <p>Select "V POS" line and adjust  </p> <p>Check that "H PHA" = 0 and "H CLK" = 0</p> <p>Adjust separate for zoom; 4/3; 16/9 and PAL; SECAM.</p>	
<p><b>MAIN</b></p> <p>DVD/HD/DTV screen position</p>	<p>SERVICE MODE</p> <p>"POSITION" menu</p>	<p>DDTV test pattern :</p>   DVD/HD/DTV input	<p>If there is any displacement of the display range in the PDP module, select "MHPOS" and "MVPOS" lines, and adjust correctly.</p> <p>Select "H POS" line and adjust  </p> <p>Select "V POS" line and adjust  </p> <p>Check that "H PHA" = 0 and "H CLK" = 0</p> <p>Adjust separate for zoom; 4/3; 16/9 and PAL; NTSC.</p>	
<p><b>POWER</b></p> <p>+170V +70V</p>	<p>RV4</p> <hr style="border-top: 1px dashed black;"/> <p>RV3</p>	<p>Apply colour bar test pattern to either Video, HD/DVD or VGA input</p> <p>Power switched ON</p>		<p>Adjust RV4 to obtain the specified PDP module voltage value +/-1V at TP3 (+170V). This value is the Vs value indicated on the label pasted on the back of PDP module</p>
<p><b>POWER</b></p> <p>+5V</p>	<p>RV6</p>	<p>Apply colour bar test pattern to either Video, HD/DVD or VGA input</p>		<p>Adjust "RV6" :</p> <p>V = 5.1 V +/- 0.1 V</p>