Service Guide

31/12/2010

Product:-	LCD TV
Brand:-	AWA
Model:-	MHDV & MSDV Series
Subject:-	Main Board Replacement

Please read instructions carefully before commencing to fit main board and switching the TV On.

The main board supplied is used in many models found in the MHDV & MSDV Series range LCD TV's.

1. It is important to check before switching the TV on that, the Panel VCC link for 5 volts or 12 volts supply to panel is in the correct position. To check compare the original board with the new. Incorrect VCC supply will result in either having no display or damage to fuse on TCOM board & no display.

   For Small Type Board ● R5 Zero Ohms +12 Volts ● R6 Zero Ohms +5 Volts
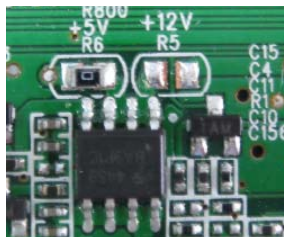   For Big Type Board   ● R6 Zero Ohms +12 Volts ● R7 Zero Ohms +5 Volts

Mstar 119 Big Type   **Mstar 119 Small Type**   **Mstar 306 Small Type**

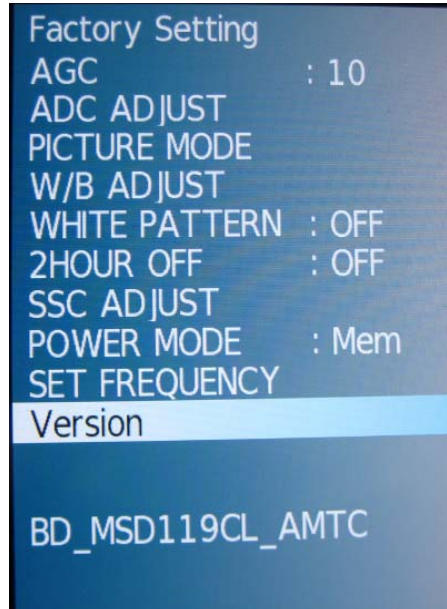12 Volts Setting   5 Volts Setting

2. These boards may already have the correct software installed to suit the panel type fitted. If however, the version is different then upload of software will be required. Incorrect software will result in the picture having abnormal effects such as poor resolution, vertical coloured bands, picture upside down etc. Software version can be checked by entering factory mode. [See page 2 for "Factory Mode" and page 3 for "Software Upload" Instructions of this document]

Software and instructions for the model being serviced can be downloaded from the Telefix Website. Go to "Service Guides" or "Service Manual Downloads"
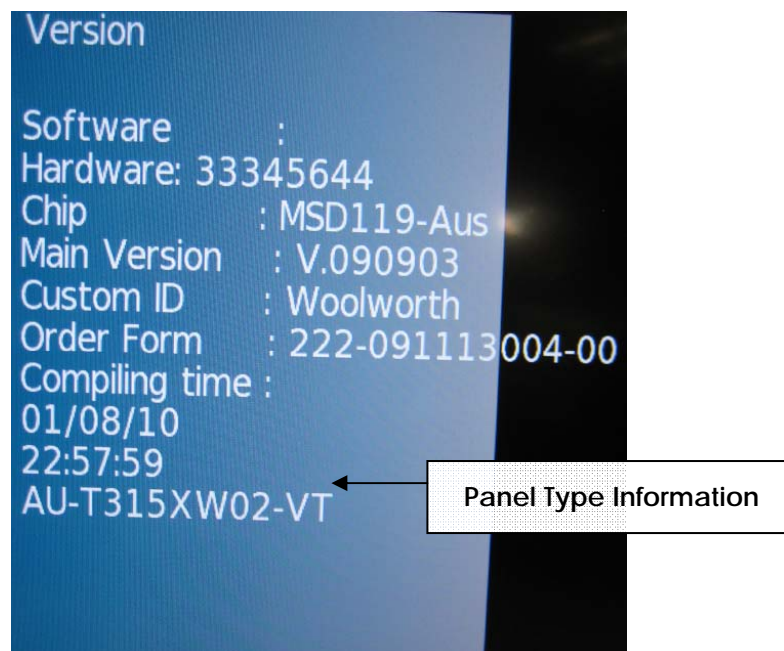
Factory Mode

How to enter?

In sequence, press "SOURCE" button then press 2 5 8 0. Factory Setting Menu will be displayed. Scroll down to "Version" then press enter. [Use up or down arrow buttons on remote.]

Factory Setting
AGC   : 10
ADC ADJUST
PICTURE MODE
W/B ADJUST
WHITE PATTERN   : OFF
2HOUR OFF   : OFF
SSC ADJUST
POWER MODE   : Mem
SET FREQUENCY
Version

BD_MSD119CL_AMTC

Example of Version Menu Screen

Version

Software   :
Hardware: 33345644
Chip   : MSD119-Aus
Main Version   : V.090903
Custom ID   : Woolworth
Order Form   : 222-091113004-00
Compiling time :
01/08/10
22:57:59
AU-T315XW02-VT   ← Panel Type Information
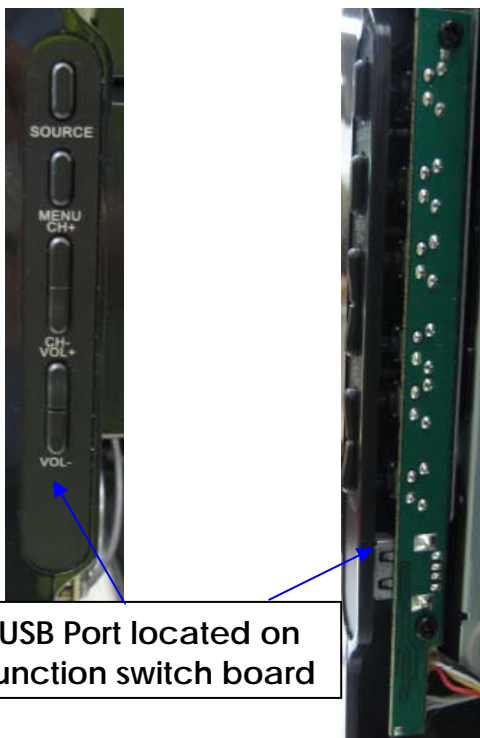
Software Upload

Instructions:

1. Read instructions carefully before commencing.
2. Go to "Telefix" website and select "Service Guide" or "Download Service Manuals". Select correct software for panel type required and download to a location on the PC hard drive.
3. Unzip file and copy "AP.bin" software onto a blank 128M, 256M or 1GB USB Memory Stick.
4. Turn TV on and select "TV" though the source menu.
5. Wait until the "Source" menu turns off then while the TV is on insert the USB stick into the USB port found hidden on the right hand side function button board assembly.

Install Process:

If the TV finds the USB memory stick, the unit will detect and copy the software to memory automatically. During this time the screen will turn to blue which will last about 2-10 seconds and will then turn to red after the install is accomplished. TV will turn off and restart automatically after 20~60 seconds. While the TV is in the off condition remove USB Stick. **On completion of the software upload, go to the user onscreen menu, select "Lock" or "Option" menu and then select "Restore Factory Default" to reset the TV. Password is 6666.**

Note:

- USB stick can be removed while the screen is RED
- The TV will turn off and restart automatically even if the USB memory is still plugged in.
- The TV may not recognize some USB memory stick brands / types, which may lead to failure of update. Use another USB stick if this should occur.
- Typical USB stick memory capacities of 128M & 256M is recommended. [Note: - 512M &1GB have been tested and worked okay].
- If the red or blue screen flashes or the TV does not restart automatically then this means that the upgrade has failed through the USB port.

Insert USB Stick Here

USB Port located on function switch board