

# Service Guide

19/07/2010



<b>Brand: -</b>	AWA
<b>Model: -</b>	MHDV3209-F4
<b>Subject:-</b>	Main Board Replacements

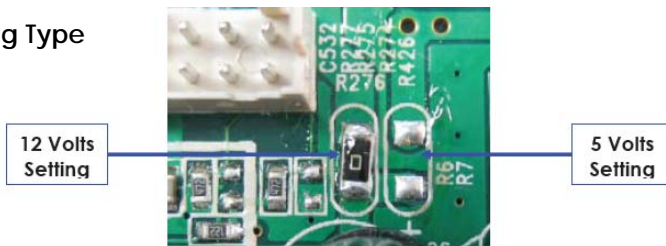
The MHDV3209-F4 model LCD TV has three versions of main boards [Small and Big Types] and one panel types.

Product No	Description
482976	LCD PANEL (TYPE:- T315HW01 V0)
419252	LCD PANEL (TYPE:- T315HW02 V7)
V315H1-L02	LCD PANEL (TYPE: - V315H1-L02)
515C2603M04-12V-MHDV3209	MAIN BOARD (SMALL TYPE) For Panel Type V315H1-L02
419254	MAIN BOARD (SMALL TYPE)
449111	MAIN BOARD (BIG TYPE)

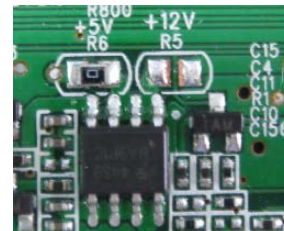
When replacing main board ensure to check,

- That links for Panel VCC match the original board. Resistor Location on board:-  
 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

Big Type



Small Type



- Panel Type – See back of Panel for information.

Spare part main small & big type boards may have software installed for other than panel type T315HW01 V0, T315HW02 V7 or V315H1-L02 (Enter factory mode to check panel type – Refer to page 3)

If the panel type is different, the correct software will be required to be uploaded via a USB Stick. Software can be downloaded from the Telefix Website – Service Guide or Service Manual Downloads - [Refer to page 2 for software update instructions]

# 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" through 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.

## 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.



USB Port located on function switch board

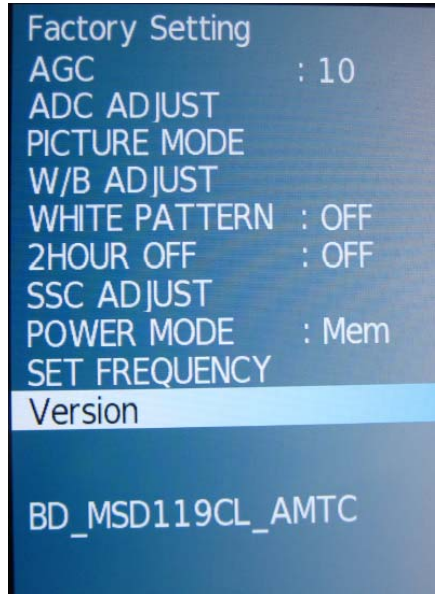


Insert USB Stick Here

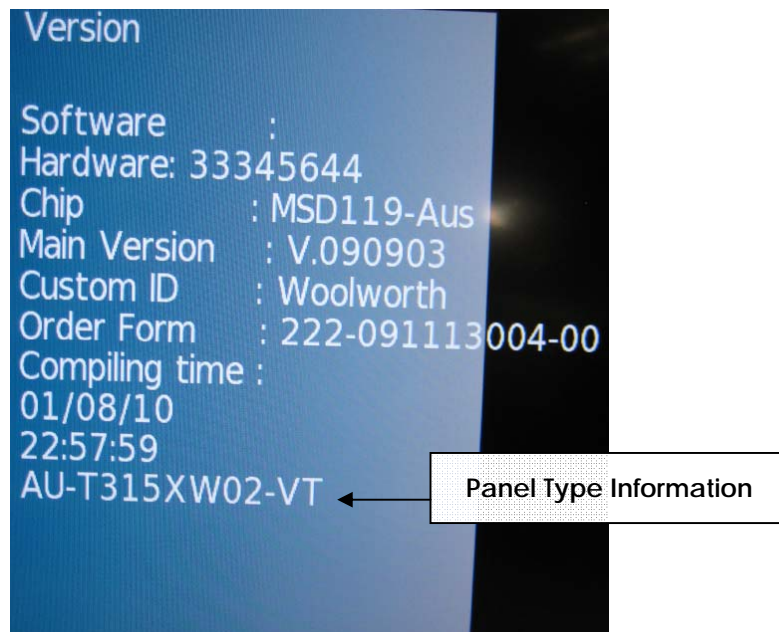
# Factory Mode

## 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.]



## Example of Version Menu Screen



## Panel and Main Board Type by Serial Number Range

Serial Number Range	Panel Type Used	Firmware Filename	Main Board Style
AWAA0800001-AWAA0800988 AWAB0800001-AWAB0800988	T315HW01 V0	222-090713002_T315HW01-V0	Big Type
AWAA32090001-AWAA32090988 AWAB32090001-AWAB32090988	T315HW01 V0	222-090808002-AU315_T315HW01_V0-02	Small Type
AWAA32100001-AWAA32100988 AWAB32100001-AWAB32100988	T315HW01 V0	222-090826003-AU315_T315HW01_V0-02	Small Type
AWAA0911280001- WAA0911283000 AWAB0911280001-AWAB0911283000	T315HW01 V0 T315HW02 V7	222-090808002-AU315_T315HW01_V0-02 222-091012001-T315HW02 V7	Small Type
AWAA0912290001AWAA0912293000& AWAB0912290001-AWAB0912293000	V315H1-L02	222-091017001-V315H1-L02	Small Type