

TELEVISION TECHNICAL BULLETIN

MODELS 37GT25H 37GT25IR 51GT25H

REASON NVM adjustment procedure

ACTION When replacing the NVM it is essential that the data is correctly set for the model. If this is not carried out according to the information outlined below, the receiver will not be able to tune correctly and the teletext position will be poorly aligned.

Model	Page	Location	Value	Purpose
37GT25H	00	0B	72	TV options
	00	47	0A	Teletext position
37GT25IR	00	0B	F0	TV options
	00	47	0A	Teletext position
51GT25H	00	0B	F8	TV options
	00	47	1E	Teletext position

All of the above locations are in hexadecimal format. To set the values, it is necessary to press the number keys on the remote control to 'toggle' the various bits between '1' and '0'. Note the examples below:

Hexadecimal code (displayed on screen)	A				9			
Binary code	1	0	1	0	1	0	0	1
Remote key to 'toggle'	7	6	5	4	3	2	1	0

If the above value (A9) has to be changed to 5F, keys 1,2,4 and 5 will have to be pressed.

A9 Binary code	1	0	1	0	1	0	0	1
5F Binary code	1	0	0	1	1	1	1	1
Remote key to 'toggle'			5	4		2	1	

Note that keys 0,3,6 and 7 do not need to be pressed, as the bit has already been set correctly.

Also ensure that the AFT is set to 40 and adjust the geometry and grey scale as required.

Sharp Electronics (UK) Limited

Reference AVW10092001-1

Revision 1



White – Carry out as required

Yellow – Carry out as required and whenever the unit comes in for service

Red – Carry out on all units