

## 5 TECHNICAL CHARACTERISTICS.

<b>Cathode-ray tubes</b>	In-Line, Hi-bipotential gun. 14" (34 cm)
<b>Tuning-system</b>	Frequency synthesis, 100 programs in non-volatile memory, AFT, automatic, semiautomatic and manual channel-search. Band I, channels 2-4 (VHF)=E2-E4 Cable channels S1-S20 Hyperband channels S21-S41 Band III, channels 5-12 (VHF)=E5-E12 Band IV-V, channels 21-69 (UHF)=E21-E69
<b>Reception system</b>	B/G Model CE14AT3-C and CE14ATR3 B/G-D/K Model CE14AT3-E
<b>Colour system</b>	PAL, NTSC 4.43, N.A.P. (NTSC Amusement by PAL) Models CE14AT3-C, CE14AT3-E and CE14ATR3
<b>Program selection</b>	Sequential selection from the controls on the set. Direct selection to any program from the remote-control device.
<b>Audio</b>	Power-rating 1W rms. (10% distortion)
<b>Speakers</b>	1 of 8 $\Omega$ .
<b>Aerial</b>	External aerial sockets 75 ohms. IEC
<b>Jack for headphones</b>	Mono jack 3,5mm.
<b>Clock and alarm Function</b>	
<b>Timer Function</b>	Switch on and off of CTV programmable in real time.
<b>AV connectors</b>	1 Scart connector 21 pin CENELEC standard AV, RGB and S_Video. 1 RCA Video input (frontal) 1 RCA Audio input (frontal)
<b>Power supply</b>	220 – 240 VAC 50Hz
<b>Consumption</b>	29W (IEC 107-1) 3,1 W (Stand-by $\phi$ )
<b>Text</b>	1.5 FLOF and LIST level. 1 page memory.
<b>Radio</b>	87.5 – 108MHz. 40 memories. Manual and semiautomatic search
<b>Hotel mode</b>	Hotel mode and Hotel Rental
<b>Options by means of Technical Service:</b>	
NTSC-M	

## 6 Safety

It fulfils the safety requirements established in the regulation:

- EN 60065:98

## 7 EMC (Electromagnetic Compatibility)

It fulfils the EMC requirements established in the regulation:

- EN 55013:1990/A12:1993 / A13:1996 / A14: 1999
- EN 55020:1994/A11:1996 / A13: 1999 / A14: 1999
- EN 61000-3-2:1995 +A1:1998 +A2:1998 / A14:2000
- EN 61000-3-3:1995

## 8 Procedure of non-volatile memory substitution.

When starting the television set, the microprocessor will always verify if non-volatile memory or NVM (IC125) is initialised or not. In case of not being, it will come to start the television set with a minimum of values by defect to guarantee a correct start-up.

The following step to make by the technician after the substitution by failure of the NVM, it will be to accede to the Service Menu and a complete initialisation of the NVM. For it, it is necessary to enter in "MORE" submenu and being in "INI NVM", press "VOL +" to confirm. Later, the definitive manual configuration of the adjustments will be done as it is indicated in "Service Menu". Moreover, it is necessary to active OEM mode, setting the colour level 05 and hold the 'Vol+' key from the local keyboard pressed and press 'Recall' on the remote control, within the SANYO models introduce 00, in OEM models the value each one will be properly explained.

Warning: when the NVM is initialised it removes the data contained in the NVM to load those that the microprocessor has by default; therefore, it is obligatory to introduce again the configuration data (CONFIG), standards (STANDARD) and the adjustments of Service Menu (not manual adjustments, see "Adjustments"). For that reason, it is better not re-initialise the NVM if it is not strictly necessary, as it is in the case of substitution of IC125.