

SERVICE MENU

The service menu is entered by pressing a special 4-digit code if the feature menu is displayed and TV is in FE-mode. While TV isn't in AV Mode and fetura menu is displayed, pressing sequence of digits 1923 will enter the TV to service mode and service menu will be displayed.

OPTIONS

Option Byte 1: 76543210

B0 1: B/G Standard available 0: Not available

B1 1. DK Standard available 0: Not available

B2 1. I Standard available 0: Not available

B3 1: L Standard available 0: Not available

B5-4 TTX National Character Set Group

00 - Set1 ENGLISH, GERMAN, SWEDISH, ITALIAN, FRENCH, SPANISH,
CZEKOSLOVAKIAN, RUMANIAN

01 - Set 2 POLISH, GERMAN, SWEDISH, ITALIAN, FRENCH, SERBO-
CROATIAN, CZEKOSLOVAKIAN, RUMANIAN

1X - Set 3 ENGLISH, GERMAN, SWEDISH, ITALIAN, FRENCH, SPANISH,
TURKISH, RUMANIAN

B7-6 Tuner Type

00 : Alps

01 : Temic

10 : Philips UV1316

11 : Thomson/Orega

Option Byte 2: 76543210

B0: AV-2 1 : AV-2 available 0: AV-2 Not Available

B1: VHS 1 : SVHS available 0: SVHS Not Available

B2: TR 1 : Turkish language available 0: Turkish Language not available

B3: ES 1 : Ecoswitch available 0: Ecoswitch not available

B4: CL 1 : Child Lock available 0: Child Lock not available

B5: HP 1 : Headphone available 0: Headphone not available

B6: SW 0 : Subwoofer available 1: Subwoofer not available

B7 PT 1 : 4/3 Picture tube 0: 16/9 Picture tube

Options B4-7 are only relevant if the corresponding modules are present in the software

Option Byte 3: 76543210

B0: CR 1. : One Crystal application 0: Two Crystal application (for NTSC playback)

B1: SS 1. : Intercarrier application 0: QSS application

B2: APR 1 : APR ON 0: APR OFF

B3: OSD 1 : OSD contrast control ON 0: OSD contrast control OFF

B4: BS 1 : Blue screen disabled 0: Blue screen enabled

B5: AVL 1 : AVL ON 0: AVL OFF

B6: CLP 1 : Clipping Mode: compromise 0: reduce tone (MSP)

B7: STB 1 : Standby after power on 0: No standby after power on

GEOMETRY... (90 deg Chasis)

V.SIZE 4/3 50Hz
V.SIZE 16/9 50Hz
V.SIZE 4/3 60 Hz
V.SIZE 16/9 60 Hz
V. POS
H.POS

GEOMETRY... (110 deg Chasis with STV9306 IC)

V.SIZE
V.POS
V.C.CORR
V.S.CORR
H.SIZE
H. PINC.CORR
H. KEYS.CORR
H.COR.CORR
H. POS

VIDEO...

R GAIN
G GAIN
B GAIN
R CUTOFF
G CUTOFF

TUNER/IF...

AGC
PIF COARSE
PIF FINE
PIF C OARSE L'
PIF FINE L'

> : < is the VCO status indicator for adjusting the PIF to 38.9Mhz for BGDKIL and 33.9 for L' standards thru bus controlled VCO.

The VCO status is read from the read register of STV224X and guides whether to Increase / Decrease the VCO registers to attain VCO OK Status. I For doing VCO adjustment, Feed a 38.9MHz Carrier as IF input and adjust PIF Coarse and fine parameters to get VCO OK Status.

For doing VCO L1 adjustment, Feed a 33.9 MHz carrier as IF input and adjust PIF Coarse L' and PIF Fine L' to get VCO OK Status.