

AK 19

GLOBAL TV

SDA 5223 – A013 C34

BORDO

VST/PLL Tuner

Mono

No Text

Pal/Secam BG DK I/I+ L/L' K1

Ntsc Playback

OPTION & ADJUST Setting Tables

OPTION 00

B7: Ina = x

B6: Inb = x

B5: Inc = x

B4: Akb = 0

B3: Foa = x

B2: Fob = x

B1: Xa = Note 1

B0: Xb = Note 1

Note 1:

Xa,Xb

1,0 : Pal BG, Pal DK, Pal I/I+, Secam BG, Secam DK, Secam L/L', Secam K1

Pin 34 : No crystal

Pin 35 : 4.43

1,1 : Pal BG, Pal DK, Pal I/I+, Secam BG, Secam DK, Secam L/L', Secam K1, Ntsc Playback

Pin 34 : 3.58

Pin 35 : 4.43

OPTION 01

B7: Frf = 1

B6: Frs = 1

B5: Dl = x

B4: Stb = x

B3: Poc = x

B2: Cm2 = x

B1: Cm1 = x

B0: Cm0 = x

OPTION 02

B7: Oso = 0

B6: Vsd = 0

B5: Cb = 0

B4: Bls = 0

B3: Bks = 0

B2: Ie1 = x

B1: Afw = x

B0: Bb = 0

OPTION 03

B7: Hob = x (0)

B6: Bps = 0

B5: Acl = x

B4: Cmb = note 1

B3: Ast = x

B2: Cl2 = 1

B1: Cl1 = 1

B0: Cl0 = 0

note 1:

0 = Comb filter disabled

1 = Comb filter enabled

OPTION 04

B7: Ifs = x

B6: Mod = x

B5: Vsw = x

B4: Sm = x

B3: Ds = 0

B2: Dsa = 0

B1: Fav = 0

B0: Lfa = x

OPTION 05

B7: Avl = 0

B6: Hbl = x

B5: Vim = x

B4: Gai = note 1

B3: Nci = x

B2: Stm = x

B1: Vid = x

B0: Lbm = 0

note 1:

0 = CTI disabled

1 = CTI available

OPTION 06

B7: Hco = x

B6: Evg = 0

B5: Sbl = x

B4: Prd = x

B3: Mat = 0

B2: Rbl = x

B1: Cor = x

B0: Aen = x

OPTION 07

B7: t0 = note 1

B6: i0 = note 2

B5: i0 = note 3

B4: c0 = note 4

B3: l3 = note 5

B2: l2 = note 5

B1: l1 = note 5

B0: l0 = note 5

note 1 :

1 : VST tuner

0 : PLL tuner

note 2 :

1 : IF I = 38.9 MHz

0 : = 39.5 MHz

note 3 :

1 : IF DK = 38.9 MHz

0 : = 38.0 MHz

note 4 :

1 : Child Lock Active

0 : Child Lock Not Active

note 5 :

l3,l2,l1,l0 : Language

0,0,0,0 : German

0,0,0,1 : French

0,0,1,0 : Turkish

0,0,1,1 : Spanish

0,1,0,0, : Portuguese

0,1,0,1 : Italian

0,1,1,0 : Danish

0,1,1,1 : Swedish

1,0,0,0 : English

OPTION 08

B7: 17 = note 1

B6: 16 = note 2

B5: 15 = note 3

B4: 14 = note 4

B3: 13 = note 5

B2: 12 = note 6

B1: 11 = note 7

B0: 10 = note 8

note 1 :

1 : Swedish enabled

0 : disabled

note 2 :

1 : Danish enabled

0 : disabled

note 3 :

1 : Italian enabled

0 : disabled

note 4 :

1 : Portuguese enabled

0 : disabled

note 5 :

1 : Spanish enabled

0 : disabled

note 6 :

1 : Turkish enabled

0 : disabled

note 7 :

1 : French enabled

0 : disabled

note 8 :

1 : German enabled

0 : disabled

OPTION 09

B7: Hue = note 1

B6: x = x

B5: x = x

B4: K1 = note 2

B3: L/L' = note 2

B2: I/I+ = note 2

B1: DK = note 2

B0: BG = note 2

note 1 :

1 : Hue enabled

0 : disabled

note 2 :

1 : Standard enabled

0 : Standard disabled

OPTION 10

B7: b7 = x

B6: b6 = x

B5: b5 = x

B4: comb = note 1

B3: svhs = note 2

B2: front = note 3

B1: scart2 = note 4

B0: scart1 = note 5

note 1:

1 : Comb filter available

0 : Comb filter not supported

note 2:

1 : S-VHS available

0 : S-VHS not supported

note 3:

1 : Front/Back AV supported

0 : Front/Back AV not supported

note 4:

1 : Scart 2 supported

0 : Scart 2 not available

note 5:

1 : Scart 1 supported (Always)

0 : Scart 1 not supported (Not a real case)

OPTION 11

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PlI tuner control 1 byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 1 0 0 0 1 1 1 0

Alps TELE9X062A 1 0 0 0 1 1 1 0

Samsung TEXX2949PG28A 1 0 0 0 1 1 1 0

Siel PT060 1 0 0 0 1 1 1 0

Temic 5001PH5-3X0003 1 0 0 0 1 1 1 0

Thomson CTT5020 1 0 0 0 1 1 1 0

OPTION 12

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner control 2 low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 1 0 1 0 0 0 0 1

Alps TELE9X062A 0 0 0 0 0 0 0 1

Samsung TEXX2949PG28A 0 0 0 0 0 0 0 1

Siel PT060 0 1 1 0 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 1 0

Thomson CTT5020 0 0 0 0 0 0 1 1

OPTION 13

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

Pll tuner control 2 mid byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 1 0 0 1 0 0 1 0

Alps TELE9X062A 0 0 0 0 0 0 1 0

Samsung TEXX2949PG28A 0 0 0 0 0 0 1 0

Siel PT060 0 1 0 1 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 1 0 0

Thomson CTT5020 0 0 0 0 0 1 1 0

OPTION 14

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

Pll tuner control 2 high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 0 0 1 1 0 1 0 0

Alps TELE9X062A 0 0 0 0 1 0 0 0

Samsung TEXX2949PG28A 0 0 0 0 1 0 0 0

Siel PT060 0 0 1 1 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 0 1

Thomson CTT5020 1 0 0 0 0 1 0 1

OPTION 15

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF LOW - VHF HIGH crossover low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 0 0 0 0 1 0 1 0 (0A hex)

Alps TELE9X062A 0 0 0 0 0 0 0 0

Samsung TEXX2949PG28A 0 0 0 0 0 0 0 0

Siel PT060 0 0 0 0 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 0 0

Thomson CTT5020 0 0 0 0 0 0 0 0

OPTION 16

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF LOW - VHF HIGH crossover high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 0 0 0 0 1 1 0 0 (0C hex)

Alps TELE9X062A 0 0 0 0 0 0 0 0

Samsung TEXX2949PG28A 0 0 0 0 0 0 0 0

Siel PT060 0 0 0 0 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 0 0

Thomson CTT5020 0 0 0 0 0 0 0 0

OPTION 17

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF HIGH - UHF crossover low byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 1 1 1 0 0 0 1 0 (E2 hex)

Alps TELE9X062A 0 0 0 0 0 0 0 0

Samsung TEXX2949PG28A 0 0 0 0 0 0 0 0

Siel PT060 0 0 0 0 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 0 0

Thomson CTT5020 0 0 0 0 0 0 0 0

OPTION 18

B7: b7 = note 1

B6: b6 = note 1

B5: b5 = note 1

B4: b4 = note 1

B3: b3 = note 1

B2: b2 = note 1

B1: b1 = note 1

B0: b0 = note 1

note 1 :

PLL tuner VHF HIGH - UHF crossover high byte

b7 b6 b5 b4 b3 b2 b1 b0

Philips UV1316MK2 0 0 0 1 1 1 1 0 (1D hex)

Alps TELE9X062A 0 0 0 0 0 0 0 0

Samsung TEXX2949PG28A 0 0 0 0 0 0 0 0

Siel PT060 0 0 0 0 0 0 0 0

Temic 5001PH5-3X0003 0 0 0 0 0 0 0 0

Thomson CTT5020 0 0 0 0 0 0 0 0

ADJUST 00-29

ADJUST 00 = White Point RED

ADJUST 01 = White Point GREEN

ADJUST 02 = White Point BLUE

ADJUST 03 = AGC

ADJUST 04 = IF-PLL Negative

ADJUST 05 = IF-PLL Positive

ADJUST 06 = Y-Delay PAL

ADJUST 07 = Y-Delay SECAM

ADJUST 08 = Y-Delay NTSC

ADJUST 09 = Y-Delay OTHER

ADJUST 10 = Vertical Zoom

ADJUST 11 = Vertical Scroll

ADJUST 12 = 4:3 Horizontal Shift

ADJUST 13 = 4:3 Vertical Slope

ADJUST 14 = 4:3 Vertical Amplitude

ADJUST 15 = 4:3 S-correction

ADJUST 16 = 4:3 Vertical Shift

ADJUST 17 = 4:3 EW Width

ADJUST 18 = 4:3 EW Parabola Width

ADJUST 19 = 4:3 EW Corner Parabola

ADJUST 20 = 4:3 EW Trapezium

ADJUST 21 = 16:9 Horizontal Shift

ADJUST 22 = 16:9 Vertical Slope

ADJUST 23 = 16:9 Vertical Amplitude

ADJUST 24 = 16:9 S-correction

ADJUST 25 = 16:9 Vertical Shift

ADJUST 26 = 16:9 EW Width

ADJUST 27 = 16:9 EW Parabola Width

ADJUST 28 = 16:9 EW Corner Parabola

ADJUST 29 = 16:9 EW Trapezium