

AK 19

GLOBAL TV

SDA 5252 – A015 C34

BORDO

VST Tuner

Mono/German Stereo/Nicam Stereo

Simple Text

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

Ntsc 3.58/4.43 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 = note1

B0: Xb = note1

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 crystal)

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

Pin 34 : 3.58 (1 crystal)

Pin 35 : 4.43 (1 crystal)

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 = note 1

B6: Bps = 0

B5: Acl = x

B4: Cmb = note 2

B3: Ast = x

B2: Cl2 = 1

B1: Cl1 = 0

B0: Cl0 = 0

note 1:

0 = Pal+ helper output blanking disabled

1 = Pal+ helper output blanking enabled

note 2:

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 = note 1

B6: Hbl = x

B5: Vim = x

B4: Gai = note 2

B3: Nci = x

B2: Stm = x

B1: Vid = x

B0: Lbm = 0

note 1:

0 = Stereo (AVL from Stereo IC, TDA9870/5)

1 = Mono (AVL from Decoder IC, TDA884x)

note 2:

0 = CTI disabled

1 = CTI available

OPTION 06

B7: Hco = x

B6: Evg = 1

B5: Sbl = 1

B4: Prd = x

B3: Mat = note 1

B2: Rbl = x

B1: Cor = x

B0: b0 = x

note 1:

0 = If only PAL

1 = Else

OPTION 07

B7: b7 = x

B6: b6 = x

B5: b5 = x

B4: b4 = x

B3: CL = note 1

B2: b2 = x

B1: L1 = note 2

B0: L0 = note 2

note 1:

CL = Child Lock

0 = Off

1 = On (Active)

note 2:

L1,L0 = Language

0,0 = English SDA 5252-A005-A013 C34

0,1 = German

1,0 = French

1,1 = Turkish

0,0 = English SDA 5252-A006

0,1 = Spanish

1,0 = Portuguese

1,1 = Swedish

0,0 = English SDA 5252-A009-A016 C34

0,1 = Spanish

1,0 = Portuguese

1,1 = Italian

0,0 = English SDA 5252-A010-A016 C34

0,1 = German

1,0 = Danish

1,1 = Swedish

OPTION 08

B7: b7 = x

B6: b6 = x

B5: b5 = x

B4: b4 = x

B3: b3 = x

B2: b2 = x

B1: Hp = note 1

B0: Hue = note 2

note 1:

Hp

0 = No headphone

1 = Headphone available

note 2:

Hue

0 = No hue

1 = Hue available

OPTION 09

B7: b7 = 0

B6: b6 = 0

B5: b5 = 0

B4: K1 = note 1

B3: L = note 1

B2: I = note 1

B1: DK = note 1

B0: BG = note 1

note 1:

0 = Standard not supported

1 = Standard available

OPTION 10

B7: b7 = x

B6: WEu = note 1

B5: E/T = note 1

B4: Com = note 2

B3: SvH = note 3

B2: Fro = note 4

B1: Sc2 = note 5

B0: Sc1 = note 6

note 1:

Weu,E/T Teletext character set table selection

0,0 = West Europe + Turkish

0,1 = East Europe

1,0 = West Europe

1,1 = West Europe

West Europe : English, French, Scandinavian, Czech, German, Spanish, Italian

East Europe : Polish, French, Scandinavian, Czech, German, Spanish, Serbian, English

West Europe + Turkish : English, French, Scandinavian, Turkish, German, Spanish, Italian

note 2:

Com

0 = Comb filter not supported

1 = Comb filter available

note 3:

Svh

0 = S-VHS not supported

1 = S-VHS available

note 4:

Fro

0 = Front/Back AV (AV-3) not supported

1 = Front/Back AV (AV-3) available

note 5:

Sc2

0 = Scart 2 not supported

1 = Scart 2 available

note 6:

Sc1

0 = Scart 1 not supported

1 = Scart 1 available

OPTION 11

B7: AVL = AVL = 0 AVL Not Available AVL = 1 AVL Available

B6: N = N= 0 Nicam Not Available N= 1 Nicam Available

B5: Sc5 = note 1 (0)

B4: Sc4 = note 2 (0)

B3: Sc3 = note 3 (1)

B2: Sc2 = note 4 (0)

B1: Sc1 = note 5 (0)

B0: Sc0 = note 6 (0)

Note 1,2,3,4,5,6 = > Is 6 bit binary number related to scart presccale of MSP 34xx

OPTION 12

B7: Nic7 (0)

B6: Nic6 (0)

B5: Nic5 (0)

B4: Nic4 (1)

B3: Nic3 (0)

B2: Nic2 (2)

B1: Nic1 (0)

B0: Nic0 (0)

OPTION 13

B7: Fm7 (0)

B6: Fm6 (0)

B5: Fm5 (0)

B4: Fm4 (0)

B3: Fm3 (1)

B2: Fm2 (0)

B1: Fm1 (0)

B0: Fm0 (1)

Fm7,6,5,4,3,2,1,0 => Is 8 bit binary number for FM Prescale register of MSP 34xx

OPTION 14

B7: Du7 (0)

B6: Du6 (0)

B5: Du5 (1)

B4: Du4 (0)

B3: Du3 (0)

B2: Du2 (0)

B1: Du1 (0)

B0: Du0 (0)

Du 7,6,5,4,3,2,1,0 => 8 Bit number for german dual Identification Limit

26d < Dual Identification Limit < 120d :

OPTION 15

B7: Gs7 (1)

B6: Gs6 (1)

B5: Gs5 (1)

B4: Gs4 (1)

B3: Gs3 (0)

B2: Gs2 (0)

B1: Gs1 (1)

B0: Gs0 (0)

Gs 7,6,5,4,3,2,1,0 => German Stereo Identification Limit in Binary

130d < Identification Limit < 145 : It is easier to identify the German Stereo with larger Identification limit.

OPTION 16

B7: mt7 (0)

B6: mt6 (0)

B5: mt5 (0)

B4: mt4 (0)

B3: mt3 (1)

B2: mt2 (0)

B1: mt1 (1)

B0: mt0 (0)

Mt 7,6,5,4,3,2,1,0 => Mute time after program change

OPTION 17

B7: st7 (0)

B6: st6 (0)

B5: st5 (0)

B4: st4 (1)

B3: st3 (0)

B2: st2 (0)

B1: st1 (0)

B0: st0 (0)

St 7,6,5,4,3,2,1,0 => Stereo Identification time after programme change

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