

INFORMATION - INFORMATIONS - INFORMATIONEN - INFORMAZIONE - INFORMACIONES

EN

OUT OF PRODUCTION MODE :

To set TV into "out of production mode" (letter **P** at the screen):

- Press the **VOL** - button on the TV keyboard until the letter "P" disappears.

FR

SORTIE DE MODE PRODUCTION

Pour sortir le téléviseur du mode production (lettre P à l'écran):

- Appuyer sur la touche **VOL**- du clavier du téléviseur jusqu'a la disparition de la lettre "P" .

DE

VERLASSEN DES PRODUKTIONSMODE:

"**Lautstärke** -" am Nahbedienfeld drücken bis der Cursor am linken Anschlag ist und dann noch weitere ca. 10 s halten bis das eingeblendete "**P**" verschwindet.

IT

USCITA DA PRODUCTION MODE:

Per uscire dalla condizione " **Production mode**" (lettera P presente sullo schermo)

- Premere il tasto-volume sulla tastiera comandi del TV fino a che la lettera "**P**" scompare.

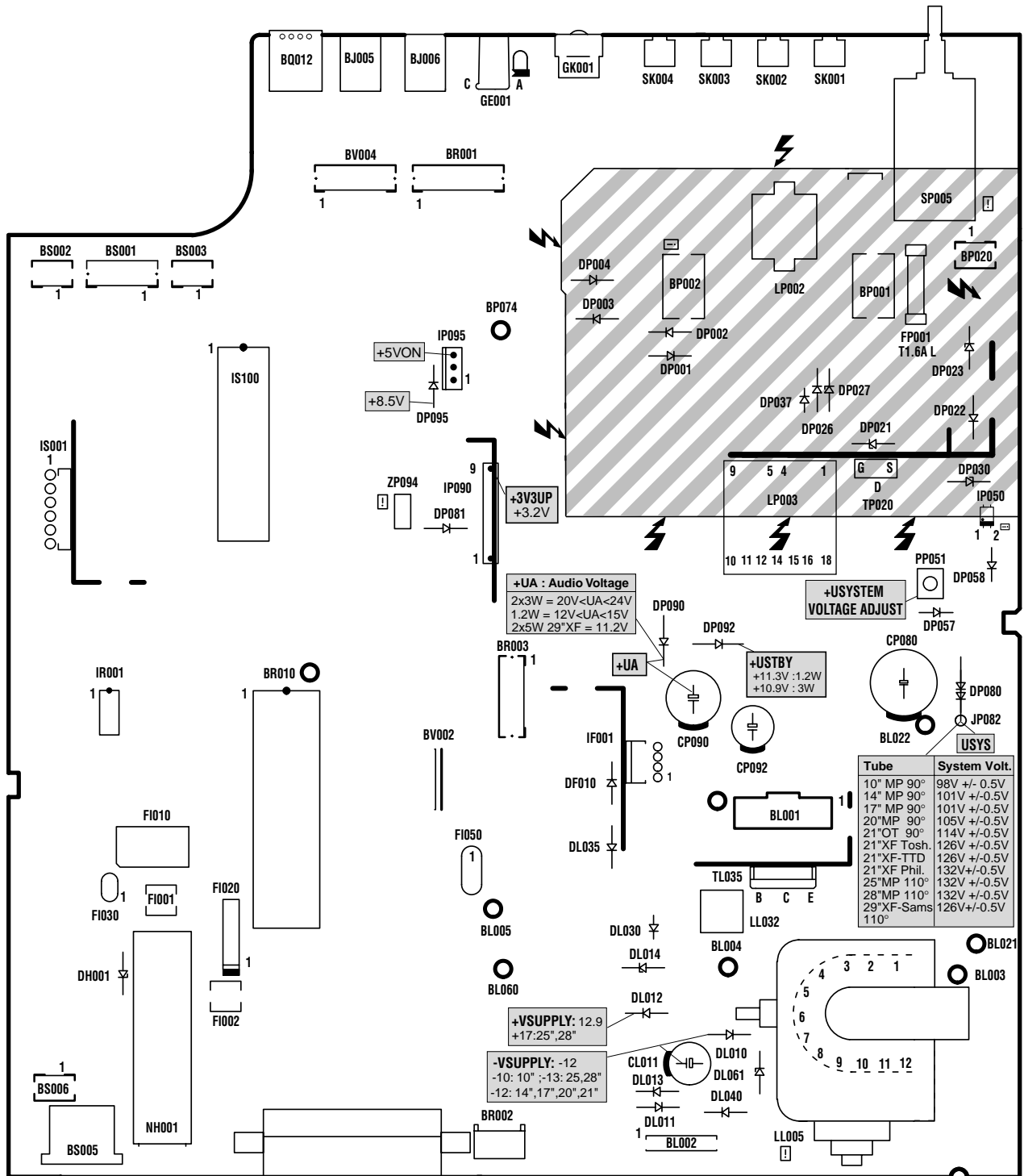
ES


SALIDA DEL MODO PRODUCCION.


Para salir del '**modo producción**', (aparece una letra **P** en la pantalla):

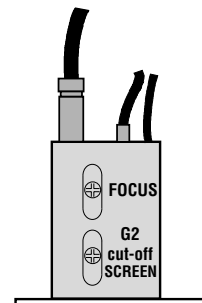
- Mantener pulsada la tecla "**Volumen** -" del teclado hasta que la letra "**P**" desaparezca.

LOCATION OF CONTROLS - EMBLACEMENT DES REGLAGES - SERVICE LAGEPLAN - POSIZIONE REGOLATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES


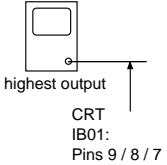
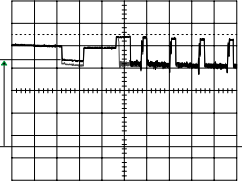


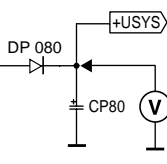


 Part of board connected to mains supply.
Partie du châssis reliée au secteur.
Primärseite des Netzteils.
Parte dello châssis collegata alla rete.
Parte del chasis conectada a la red


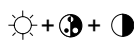




 Use isolating mains transformer -
Utiliser un transformateur isolateur du secteur -
Trenntrafo verwenden -
Utilizar un transformador aislador de red -
Utilizzare un trasformatore per isolarvi dalla rete



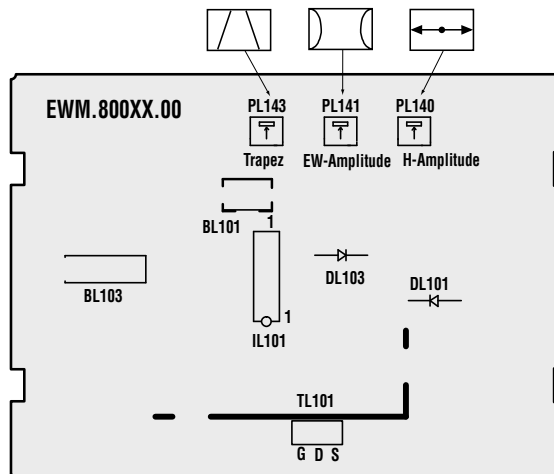
ADJUSTMENTS - REGLAGES - EINSTELLUNGEN - REGOLAZIONE - AJUSTES

U G2 / CUTOFF	LL005 SCREEN	Peak white pattern  = 50%	 highest output CRT IB01: Pins 9 / 8 / 7		<table border="1"> <thead> <tr> <th>Tube</th> <th>V Cutt-off</th> </tr> </thead> <tbody> <tr><td>10" MP 90°</td><td>125V +/- 3V</td></tr> <tr><td>14" MP 90°</td><td>125V +/- 3V</td></tr> <tr><td>17" MP 90°</td><td>125V* +/- 3V</td></tr> <tr><td>20" MP 90°</td><td>125V* +/- 3V</td></tr> <tr><td>21" MP 90°</td><td>125V* +/- 3V</td></tr> <tr><td>21" OT 90°</td><td>125V* +/- 3V</td></tr> <tr><td>21" XF-Toshiba</td><td>125V* +/- 3V</td></tr> <tr><td>21"XF - TTD</td><td>125V* +/- 3V</td></tr> <tr><td>21"XF - Philips</td><td>125V* +/- 3V</td></tr> <tr><td>25" MP-TTD 110°</td><td>125V* +/- 3V</td></tr> <tr><td>28" MP-TTD 110°</td><td>125V* +/- 3V</td></tr> <tr><td>29" XF- Samsung</td><td>125V* +/- 3V</td></tr> </tbody> </table> <p>*V Cutt-off = 140V with new version IV001: TDA9554PS/N1E/V2.30</p>	Tube	V Cutt-off	10" MP 90°	125V +/- 3V	14" MP 90°	125V +/- 3V	17" MP 90°	125V* +/- 3V	20" MP 90°	125V* +/- 3V	21" MP 90°	125V* +/- 3V	21" OT 90°	125V* +/- 3V	21" XF-Toshiba	125V* +/- 3V	21"XF - TTD	125V* +/- 3V	21"XF - Philips	125V* +/- 3V	25" MP-TTD 110°	125V* +/- 3V	28" MP-TTD 110°	125V* +/- 3V	29" XF- Samsung	125V* +/- 3V																																		
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EAST-WEST MODULE - MODULE EST-OUEST - OST-WEST-MODUL - MODULO EST-OVEST - MODULO ESTE-OESTE

GEOMETRY	TV : AV1 Test pattern Standard TV - Settings :   = 50%		Correct picture
(EWM)	PL140 PL141 PL143 SERVICE MODE	<p>(EN) - Please refer to geometry Mode alignment (110° tube) , page 6, to adjust the East West Module (EWM).</p> <p>(FR) - Se référer à la méthode d'alignement des géométries (tubes 110°), page 6 pour effectuer les réglages du Module Est-Ouest (EWM).</p> <p>(DE) - Abgleich des Ost-West-Modules: Siehe Geometrie-Abgleich (110°), Seite 6.</p> <p>(IT) - Per le regolazioni del Modulo Est-Ovest fare riferimnto al modo allineamento geometria (tubi 110°), pagina 6.</p> <p>(ES) - Para los ajustes del módulo Este-Oeste (EWM) ver la página 6, modo ajuste geometría (tubo 110°)</p> <div style="display: flex; justify-content: space-around; align-items: center;"> <div style="text-align: center;"> <p>PL140</p>  </div> <div style="text-align: center;"> <p>PL141</p>  </div> <div style="text-align: center;"> <p>PL143</p>  </div> </div>	

LOCATION OF CONTROLS - EMBLACEMENT DES REGLAGES - LAGEPLAN EINSTELLER - POSIZIONE REGOLATORI DI SERVIZIO - SITUACIÓN DE LOS AJUSTES



SERVICE-MODE

GB

It is necessary to enter the Service Mode in order to carry out alignment of the TV set. Most adjustments can be made with the RCU, except the Focus and Screen voltages.

1. Service Mode Access

- 1.1 With the RCU, switch the TV set into the "**Standby**" mode.
- 1.2 Switch "**Off**" the TV set by mains supply switch (wait until LED is dark).
- 1.3 Whilst pressing the "**Magenta** (text)" button on the RCU switch "**On**" the TV set using the mains switch.
Continue to press the "**Magenta** (text)" button until the Service-setup Sub-menu appears.

ID 00.07	(1)
INIT	(2)
STANDARD 00 0-03	(3)

2. Service Menu

2.1 Navigation

- Press the \wedge/\vee buttons to select the menu line.
- Press the \langle/ \rangle buttons to make adjustments or selection of a menu item.

2.2 Service-Menu lines

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Video processor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONTO, CONT1,FEAT0).

2.3 Activation of a line :

The first line (1) is continuously displayed. Sequential selection of the others lines in the Service Menu is possible by pressing the \wedge/\vee buttons on the RCU. The selected line will be highlighted in YELLOW text.

3. Alignment and storing new function value

- 3.1 The current value of the selected function is displayed in a hexadecimal form to the right of the function name. This value is adjusted by means of the RCU \langle/ \rangle buttons.
- 3.2 The values will be stored in the non-volatile memory when leaving the service menu.
- 3.3 To leave the Service menu press the "**Exit**" button on the RCU.

4. Temporary exit from Service Mode

- 4.1 To temporary leave the Service Mode, press the "**Exit**" button on the RCU. To access the everyday menus, press the "**Menu**" button on the RCU.
- 4.2 To return to the Service Menu, press the "**Magenta**" button on the RCU

5. Leaving the Service Mode

- 5.1 To **EXIT** the Service Menu either press, the "**Standby**" button on the RCU or switch "**Off**" the mains supply to the TV.

MODE SERVICE

F

Le mode service sert au réglage de l'appareil. Toutes les opérations de réglage s'effectuent à l'aide de la télécommande (sauf les réglages de Focus et de tension de grille-écran).

1. Accès au mode service

- 1.1 Commuter le téléviseur en position de veille avec la télécommande.
- 1.2 Eteindre le téléviseur par l'interrupteur secteur (attendre l'extinction complète du voyant).
- 1.3 Maintenir la touche "**Magenta** (text)" enfoncée et mettre simultanément le téléviseur en marche avec l'interrupteur secteur.
Ne pas relacher la touche "**Magenta** (text)" jusqu'à apparition du menu

ID 00.07	(1)
INIT	(2)
STANDARD 00 0-03	(3)

2. Menu Service

2.1 Déplacement

- Appuyer sur la touche \wedge/\vee pour sélectionner une ligne de menu.
- Appuyer sur la touche \langle/ \rangle pour un réglage ou une sélection d'une option.

2.2 Lignes de Menus du mode service

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Video processor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONTO, CONT1,FEAT0).

2.3 Sélection d'une ligne:

La première ligne (1) du menu est toujours affichée. De courtes pressions sur la touche " \wedge/\vee " sélectionnent séquentiellement les lignes (2) ou (3) du menu de service. La ligne activée est de couleur jaune.

3. Réglage des fonctions sélectionnées; mémorisation

- 3.1 La valeur momentanée de la fonction sélectionnée est indiquée sous forme hexadécimale à droite, à coté de la position à régler et peut être modifiée avec la télécommande par la touche \langle/ \rangle .
- 3.2 La valeur de réglage est mémorisée dans la mémoire non volatile en sortie de mode service.
- 3.3 Appuyer sur la touche "**Exit**" pour sortir d'un sous-menu.

4. Sortie temporaire du mode service

- 4.1 Utiliser la touche "**Exit**" de la télécommande. Le menu utilisateur peut-être accessible via la touche "**Menu**".
- 4.2 Pour entrer à nouveau dans le Menu Setup utiliser la touche magenta.

5. Sortie du mode service

- 5.1 Pour sortir du mode service, commuter le téléviseur en position de veille ou le mettre hors service par l'interrupteur secteur.

SERVICE-MODE

D

Der Service-Mode wird für den Geräteabgleich benötigt. Alle Einstellungen erfolgen mit der Fernbedienung (bis auf Fokuseinstellung und Schirmgitterspannung).

1.Service-Mode einschalten

- 1.1 Mit der Fernbedienung das Fernsehgerät in Stand-by schalten.
- 1.2 Das Gerät mit dem Netzschalter ausschalten (warten bis LED dunkel ist)
- 1.3 Während Sie die margentafarbene Taste (**text**) auf der Fernbedienung gedrückt halten, schalten Sie das Gerät mit dem Netzschalter ein. Halten Sie die margentafarbene Taste solange gedrückt bis das Service Setup Sub-Menü erscheint.

ID 00.07	(1)
INIT	(2)
STANDARD 00 0-03	(3)

2. Service Menü

2.1 Navigation

- Drücken Sie die Tasten \wedge/\vee zum Auswählen der Menüzeile.
- Drücken Sie die \langle/ \rangle -Tasten um eine Menüfunktion anzuwählen oder abzugleichen.

2.2 Service-Menü Zeilen

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Video processor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONTO, CONT1,FEAT0).

2.3 Aktivierung einer Menüzeile:

Die erste Zeile (1) wird ständig angezeigt. Die Anwahl der Zeilen (2) und (3) im Service-Menü ist durch Drücken der \wedge/\vee - Tasten möglich. Die gewählte Zeile wird in gelber Farbe dargestellt.

3. Abgleich der gewählten Funktion und Speichern

- 3.1 Der momentane Wert der gewählten Funktion wird hexadezimal rechts neben der abzugleichenden Position angegeben und kann mit der Taste \langle/ \rangle auf der Fernbedienung verändert werden.
- 3.2 Die Werte werden nach dem Verlassen des Service-Menüs im nichtflüchtigen Speicher (EEPROM) abgelegt.
- 3.3 Drücken Sie "**Exit**" zum Verlassen eines Service Sub-Menüs.

4. Vorübergehendes verlassen des Service-Mode

- 4.1 Auf der Fernbedienung Exit drücken. Mit der Tasten Menü gelangen Sie zum Menü-Übersicht.
- 4.2 Durch Drücken der margentafarbenen Taste gelangen Sie in das Service Setup Sub-Menü.

5. Service-Mode verlassen

- 5.1 Zum Verlassen des Service-Mode das Gerät in Stand By schalten oder mit dem Netzschalter ausschalten.

MODO SERVICIO

E

Se necesita el MODO SERVICIO para ajustar el aparato. Todos los ajustes se hacen con el mando a distancia (a excepción de la tensión del sistema, los ajustes del foco y las tensiones de la rejilla de pantalla).

1. Ajustar el Modo Servicio

- 1.1 Con el mando a distancia conectar a STANDBY el televisor.
- 1.2 Desconectar el aparato con el interruptor de la red (esperar hasta que el LED se apague).
- 1.3 Mientras mantiene pulsado el botón "**Magenta** (texto)" de la UCR, pulse el interruptor general de red para encender el televisor. Mantenga pulsado el botón "**Magenta** (texto)" hasta que aparezca el submenú de la configuración del servicio.

ID 00.07	(1)
INIT	(2)
STANDARD 00 0-03	(3)

2. Menú Servicio.

- 2.1 Desplazamiento
 - Pulse el botón \wedge/\vee para seleccionar la línea del menú.
 - Pulse el botón \langle/ \rangle para ajustar o seleccionar una opción del menú.

SERVICE-MODE

I

Il Service-Mode è necessario per l'allineamento dell'apparecchio. Tutte le regolazioni si effettuano con il telecomando. (tranne le regolazioni del fuoco e le tensioni della griglia schermo).

1. Attivazione del Service-Mode

- 1.1 Commutare il televisore in stand-by con il telecomando.
- 1.2 Spegner l'apparecchio con l'interruttore di rete (attendere finché il LED è spento)
- 1.3 Mentre tenete premuto il pulsante "**Magenta** (testo)" del RCU, accendete il televisore utilizzando l'interruttore di rete. Continuate a premere il pulsante "**Magenta** (testo)" del RCU fino all'apparizione del Service Setup Sub Menu

ID 00.07	(1)
INIT	(2)
STANDARD 00 0-03	(3)

2. Service Menu

2.1 Navigazione

- Premere i tasti \wedge/\vee per selezionare la linea del menu
- Premere i tasti \langle/ \rangle per la regolazione o la selezionz di un elemento del menu

2.2 Linee Service Menu

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Video processor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONTO, CONT1,FEAT0).

2.3 Attivazione di una linea :

La prima linea (1) è continuamente visualizzata. La selezione delle linee successive (2) o (3) è possibile in service menu premendo i tasi \wedge/\vee . la linea selezionata sarà visualizzata di colore giallo.

3. Taratura della funzione scelta e memorizzazione

- 3.1 Il valore momentaneo della funzione scelta viene indicato in formato esadecimale a destra, accanto alla posizione da allineare e può essere cambiato con il pulsante \langle/ \rangle del telecomando.
- 3.2 I valori verranno memorizzati nella memoria num quando verrà lasciato il menù service mode.
- 3.3 Premere il tasto "**Exit**" per uscire da qualsiasi Service Sub Menu.

4. Uscita temporanea dal Service Mode

- 4.1 Premere Exit sul telecomando. Al menu di uso quotidiano si accede attraverso il pulsante Menu.
- 4.2 Il Service Setup Sub Menu è accessibile attraverso il tasto "**Magenta**".

5. Disattivazione del Service-Mode

- 5.1 Per disattivare il Service Mode, commutare l'apparecchio in stand-by o spegnerlo con l'interruttore di rete.

2.2 Líneas del menú del Modo Servicio

Set-up lines (INIT,STANDARD,OSDCONTR) -
Geometry lines (HS,VS, VA, SC,VSH)
Video lines (CL, BLORS/BLORP,BLOGS/BLOGP,WPRS/WPRP,WPGS/WPGP, WPBS/WPBP, PWS/PWP, BKS, YD) -
IF lines (TOP) -
Video processor (CD0, CD1, SYN0, SYN1, DEF,VI0,VI1,SOUND,CONTO, CONT1,FEAT0).

2.3 Activación de una línea :

La primera línea (1) se muestra siempre en la pantalla. La selección secuencial de las líneas (2) y (3), es posible pulsando las teclas \wedge/\vee . La línea seleccionada es la que está en color amarillo

3. Ajuste de la función elegida y almacenamiento

- 3.1 El valor momentáneo de la función elegida es indicado de modo hexadecimal a la derecha, al lado de la posición a ajustar, y puede cambiarse con la tecla \langle/ \rangle en el mando a distancia.
- 3.2 Los valores serán memorizados en la EEPROM al salir del menú del Modo Servicio.
- 3.3 Pulse el botón "**Exit**" para salir de cualquier submenú Servicio.

4. Salida temporal del Modo Servicio

- 4.1 Pulse Salir en el mando a distancia. Con el botón Menu puede acceder al menú de uso cotidiano.
- 4.2 Puede acceder al submenú de configuración del servicio mediante el botón "**Magenta**".

5. Salir del Modo Servicio

- 5.1 Conmute el aparato a STANDBY a fin de salir del MODO SERVICIO o desconectar con el interruptor de la red.

SET-UP LINES	
ID 02.11	
INIT	
STANDARD* 00 0-03	
KEY ◀ OFF OFF-ON ▶	
OSDCONTR 03 0-0F	
WBF-R* 88 0-FF	
SOC1-0 2F 0-3F	
OIFP** 20 0-3F	
ID 00.07	
INIT	
Initialise TV set. Sets all Service Mode functions stored in the EEPROM to their default values. See below the default values table.	
⚠ "INIT" copy all service parameters from the ROM to EEPROM. It will be necessary in this case to readjust most of the service mode functions.	
⚠ "INIT" copie toutes les valeurs par défaut stockées en ROM vers l'EEPROM. Il peut être nécessaire dans ce cas de reprendre la plupart des réglages du mode service.	
⚠ "INIT" kopiert alle Service-Parameter aus dem ROM in das EEPROM. Es ist anschließend notwendig die meisten Service-Funktionen neu abzugleichen	
⚠ "INIT" copia tutti i parametri di servizio dalla ROM alla EEPROM. Sarà necessario in seguito regolare alcune funzioni in Service Mode.	
⚠ "INIT" copia todos los valores por defecto memorizados en la ROM hacia la EEPROM. Puede ser necesario en el caso de tener que reajustar la mayor parte de los ajustes en Modo Servicio	
STANDARD	
RF Norm Group Selection	
00	EU BG / LL'
01	FR LL' / BG
02	UK PAL I only
03	DK DKK' PAL, SECAM
ROM Default Value : TX 807 C / CS Europe : 00 EU	
KEY	Key lock ON,OFF... Default value : OFF
OSDCONTR	factory Setting OSDCONTR = 00H
WBF-R*	factory Setting WBF-R = 88H
SOC1-0	Specific TDA9554PS (UOC-N2) factory Setting SOC1=2FH 29"XF Samsung: 2DH 21"XF TTD : 2DH
OIF	Specific TDA9554PS (UOC-N2) factory Setting OIF=20H

GEOMETRY LINES*	
HS 20 0-3F	
VS ◀ 1A 0-3F ▶	
VA 20 0-3F	
SC 10 0-3F	
VSH 20 0-3F	
HS	
VS	
V Slope	
<ul style="list-style-type: none"> - Apply a test pattern signal to the TV with a single horizontal and vertical line on the screen. - Select the "VS" line of the menu. The bottom half of the screen will go black. - Adjust VS until the centre line of the pattern is just invisible. - Leave the line "V_Slope". - Switch the test pattern signal to the crosshatch geometry pattern. - Perform the geometry adjustments described below. 	
<ul style="list-style-type: none"> - Appliquez une mire de barres avec seulement une ligne blanche horizontale en milieu de l'écran. - Sélectionner la ligne "V-Slope". La moitié basse de l'écran devient noire. - Aligner "V_Slope" pour que la ligne médiane soit à peine non visible. - Commuter la mire en mode de réglage de géométrie (quadrillage). - Effectuer les réglages de géométrie ci-après. 	
<ul style="list-style-type: none"> - Speisen Sie ein Testbild mit einem horizontalen Strich in der Bildmitte ein. - Wählen Sie im Menü die Funktion "V-Slope" an. - Die untere Bildhälfte wird dunkel. - Stellen Sie "V-Slope" so ein, daß die Mittellinie fast verschwindet. - Verlassen Sie die Funktion "V-Slope". - Speisen Sie ein Gittertestbild ein. - Nehmen Sie die Geometrieinstellungen wie nebenstehend beschrieben vor. 	
<ul style="list-style-type: none"> - Applicare un monoscopio con un'unica linea bianca orizzontale al centro dello schermo - Selezionare la riga "V slope" del menu. La parte bassa dello schermo viene oscurata. - Allineare la "Vertical Slope" in modo che la linea centrale sia appena visibile - Abbandonare la riga "V slope". - Posizionare il monoscopio - Effettuare le regolazioni di geometria descritte in precedenza - Memorizzare. 	
<ul style="list-style-type: none"> - Appliquez une carte de ajuste con sólo una línea blanca horizontal y una vertical en el centro de la pantalla. - Seleccionar en el menú, la línea "V-Slope". La mitad inferior de la pantalla se pondrá oscura. - Ajuste "V-Slope" justo hasta que la línea horizontal sea invisible. - Cambiar la carta de ajuste a "cuadrícula" y efectuar los ajustes de geometría descritos a continuación - Antes de salir, memorizar con "Store" 	
VA	
SC	
S-Correction	
VSH	

* According to software version.
** " S " : Video signal received is SECAM.
" P " : Video signal received is PAL.

VIDEO LINES	
CL ◀ 00 0-0F ▶	
BLORS* 08 0-0F	
BLOGS* 08 0-0F	
WPRS* 20 0-3F	
WPGS* 20 0-3F	
WPBS* 20 0-3F	
PWS* 20 20 20 0-3F	
BKS* ON OFF-ON	
YD 08 0-0F	
CL	
Cathode Level	Factory setting. Extension of the peak White range. Réglage usine. Extension des valeurs de réglages du Peak White. Fabrik-Einstellung (Umfang des Spitzenweiß Einbereiches) Factory Setting. Extension of the peak White range. Ajuste de fábrica Extensión del margen del Peak White.
Cut-off **	
BLORS / BLORP	
Black Level Offset Red SECAM/PAL	= 50% Grey scale test pattern white =100%
BLOGS / BLOGP	
Black Level Offset Green SECAM/PAL	↑ grey
Drive**	
WPRS / WPRP	
White Point Red SECAM/PAL	= 50% Grey scale test pattern white =100%
WPGS / WPGP	
White Point Green SECAM/PAL	↑ white
WPBS / WPBP	
White Point Blue SECAM/PAL	
PWS / PWP**	
Peak White SECAM/PAL	colourimeter Sets Nits Sets Nits 10" 500 21"MP 90° 450 14" 450 21"XF Tosh. 420 17" 450 25"MP 110° 400 20"FB 450 28"MP 110° 300 21"OT 420 29"XF Sams. 250
BKS	
Black Stretch	Factory Setting
YD	
Luminance Delay	Use ◀ ▶ to adapt the image

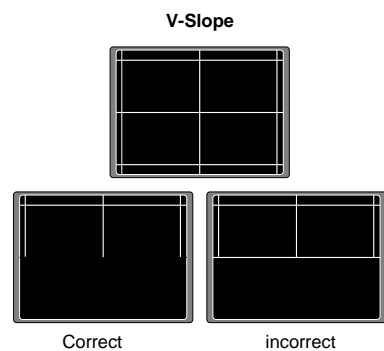
*Perform the G2 and the Focus settings beforehand.
Effectuez au préalable les réglages de G2 et de focus.
Stellen Sie zuvor G2 und "Focus" ein.
Effettuare le regolazioni G2 e del Fuoco innanzitutto.
Efectuar previamente los ajustes de G2 y Foco

** Adjust separate for PAL / SECAM
" S " : Video signal received is SECAM.
" P " : Video signal received is PAL.

IF LINES	
TOP ◀ 20 0-0F ▶	
FFI 00 0-01	
ACL* 00 0-01	
TOP	
AGC - Take Over	- Minimum noise- Minimum de bruit - Minimum Rauschen - Rumore minimo - Minimo ruido
<ul style="list-style-type: none"> - Set TOP to 00 - Adjust TOP for maximum gain of IF signal. - Reduce IF level about 8dB. 	
ROM Default Value N1 IVV1.0 : AGC : 20 N2 IVV2.20: AGC : 14	
FFI*	
Fast Filter IF-PLL	Fast Filter (IF / PLL) Filtre rapide (FI / PLL) Schnelles Filter (ZF / PLL) Filtro /rapido (IF / PLL) 00 : Europ Factory Setting.
ACL*	
Automatic Colour limiting	Factory Setting. ACL=00
VIDEO PROCESSOR LINES	
CD0 84 0-FF	
CD1 00 0-0F	
SYN0 ◀ 30 0-FF ▶	
SYN1 08 0-FF	
DEF 00 0-0F	
VI0 00 0-0F	
VI1 00 0-0F	
SOUND 00 0-FF	
CONT0 46 0-FF	
CONT1 00 0-0F	
SOUND1 00 0-FF	
FEAT0 00 0-01	
FEAT1 00 0-01	
LOCK 00 0-01	
LIMIT 00 0-01	
CD0	
CD1	
SYN0	
SYN1	
DEF	
VI0	
VI1	
SOUND	
CONT0	
CONT1	
FEAT0	

* According to software version.

DEFAULT VALUES		
OSD	DESCRIPTION	DEFAULT VALUE (HEX) Soft N1 IVV1.0 / N2 IVV2.20
ID (TEXT)	Software	
INIT	Initialise TV set	
STANDARD	RF Norm Group Selection	0 (EU)
KEY	Key Lock	OFF
OSDCONTR	OSD Contrast	IV V1.0 = 03 - IV V2.20 = 00
WBF-R	Timing of wide blanking	88
SOC1-0	Peak White Limiting	IV V1.0 = 00 - IV V2.20 = 2F
OIFS	Offset IF demodulator	18
FR	France	N1 IV V1.0 (only) Mono : 00 Stereo : 01
HS	Horizontal Shift	20
VS	Vertical Slope	1A
VA	Vertical Amplitude	20
SC	S-Correction	10"/14"/MP 4/3 = 10 17"/20"/21"MP 4/3 = 10 21"OT 4/3 = 10 21"XF 4/3 Toshiba = 10 21"XF 4/3 TTD = 10 21"XF 4/3 Philips = 10 25"/28" MP 4/3 = 22 29"XF Samsung = 1C
VSH	Vertical Shift	20
CL	Cathode Level	IV V1.0 = 00 - IV V2.20 = 08
BLORS	Black Level Offset Red SECAM	IV V1.0 = 08 - IV V2.20 = 20
BLORP	Black Level Offset Red PAL	IV V1.0 = 08 - IV V2.20 = 20
BLOGS	Black Level Offset Green SECAM	IV V1.0 = 08 - IV V2.20 = 20
BLOGP	Black Level Offset Green SECAM	IV V1.0 = 08 - IV V2.20 = 20
WPRS	White Point Red SECAM	20
WPRP	White Point Red PAL	20
WPGS	White Point Green SECAM	20
WPGP	White Point Green PAL	20
WPBS	White Point Blue SECAM	20
WPBP	White Point Blue PAL	20
PWS	Peak White SECAM	20
PWP	Peak White PAL	20
BKS	Black Stretch	01
YD	Luminance Delay	08
TOP	AGC Take-Over	IV V1.0 = 20 - IV V2.20 = 14
FFI	Fast Filter IF-PLL	00
ACL	Automatic Colour limiting	00
CD0	Colour Decoder 0	IV V1.0 = 84 - IV V2.20 = 04
CD1	Colour Decoder 1	Mono : 80 Stereo: 00
SYN0	Synchronisation 0	30
SYN1	Synchronisation 1	1C
DEF	Deflection	00
VI0	Vision IF 0	40
VI1	Vision IF 1	00
SOUND	Sound	00
CONT0	Control 0	00
CONT1	Control 1	00
FEAT0	Features 0	00

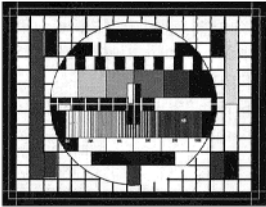






ALIGNMENT PROCEDURE - PROCESSUS DE REGLAGES - ABGLEICH - VISUALIZZAZIONE DEL VALORE DI REGOLAZIONE - PROCEDIMIENTO DE ALINEACION

GEOMETRY MODE ALIGNMENT

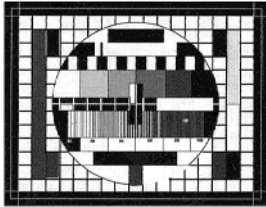







90° tube

Signal : 50 Hz - 4/3 test pattern

<p>4 / 3 standard mode</p>		<p style="text-align: center;">Overscan V=107% , H=107%</p> <p>1 - Adjust Horizontal Centering (HS)</p> <div style="text-align: center;">  </div> <p>2 - Adjust Vertical centering (VSH) and Vertical amplitude 107% (VA) 3 - Adjust Vertical Slope (VS) and linearity (SC)</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p>4-If necessary repeat VSH, VA alignment to 7% overscan.</p>
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110° tube

Signal : 50 Hz - 4/3 test pattern

<p>4 / 3 standard mode</p>		<p style="text-align: center;">Overscan V=107% , H=107%</p> <div style="background-color: #f0f0f0; padding: 5px; text-align: center; font-weight: bold;">EAST-WEST MODULE</div> <p>1 - PL140 : Turn fully counterclockwise.</p> <div style="background-color: #f0f0f0; padding: 5px; text-align: center; font-weight: bold;">MAIN BOARD</div> <p>2 - Adjust Horizontal Centering (HS)</p> <div style="text-align: center;">  </div> <p>3 - Adjust Vertical centering (VSH) and Vertical amplitude 107% (VA) 4 - Adjust Vertical Slope (VS) and linearity (SC)</p> <div style="display: flex; justify-content: center; gap: 10px;"> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> <div style="text-align: center;">  </div> </div> <p>5 - If necessary repeat VSH, VA alignment to 7% overscan.</p> <div style="background-color: #f0f0f0; padding: 5px; text-align: center; font-weight: bold;">EAST-WEST MODULE</div> <p>6 - PL140 : Adjust Horizontal amplitude with PL140 for optimum overscan.</p> <div style="text-align: center;">  </div> <p>7 - PL141 :Adjust Pincushion.</p> <div style="text-align: center;">  </div> <p>8 - PL143 : Adjust Trapezium</p> <div style="text-align: center;">  </div> <p>9 -If necessary repeat Horizontal amplitude, pincushion correction and trapezium alignment</p>
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