

ADJUSTMENT PROCEDURE

Item / Preparation	Adjustments																																																																
+B SET-UP 1. Receive a Window pattern. 2. Set the controls : Brightness Minimum Contrast Minimum Volume Minimum	Confirm the following voltages: <table><tr><td>TPD1</td><td>205</td><td>±</td><td>10V</td><td>D9 pin3</td><td>9</td><td>±</td><td>0,5V</td></tr><tr><td>TPD2</td><td>137</td><td>±</td><td>2V</td><td>D9 pin7</td><td>10,5</td><td>±</td><td>0,5V</td></tr><tr><td>TPD3</td><td>42</td><td>±</td><td>2V</td><td>D2 pin22</td><td>3,3</td><td>±</td><td>0,1V</td></tr><tr><td>TPD5</td><td>42</td><td>±</td><td>2V</td><td>D2 pin26</td><td>2,5</td><td>±</td><td>0,1V</td></tr><tr><td>TPD6</td><td>12,5</td><td>±</td><td>1V</td><td>D2 pin14</td><td>3,3</td><td>±</td><td>0,1V</td></tr><tr><td>TPD7</td><td>-12,5</td><td>±</td><td>1V</td><td>D9 pin5</td><td>5</td><td>±</td><td>0,5V</td></tr><tr><td>TPD8</td><td>30,5</td><td>±</td><td>1V</td><td>D9 pin11</td><td>6,5</td><td>±</td><td>0,5V</td></tr><tr><td>TPD11</td><td>5</td><td>±</td><td>0,5V</td><td></td><td></td><td></td><td></td></tr></table>	TPD1	205	±	10V	D9 pin3	9	±	0,5V	TPD2	137	±	2V	D9 pin7	10,5	±	0,5V	TPD3	42	±	2V	D2 pin22	3,3	±	0,1V	TPD5	42	±	2V	D2 pin26	2,5	±	0,1V	TPD6	12,5	±	1V	D2 pin14	3,3	±	0,1V	TPD7	-12,5	±	1V	D9 pin5	5	±	0,5V	TPD8	30,5	±	1V	D9 pin11	6,5	±	0,5V	TPD11	5	±	0,5V				
TPD1	205	±	10V	D9 pin3	9	±	0,5V																																																										
TPD2	137	±	2V	D9 pin7	10,5	±	0,5V																																																										
TPD3	42	±	2V	D2 pin22	3,3	±	0,1V																																																										
TPD5	42	±	2V	D2 pin26	2,5	±	0,1V																																																										
TPD6	12,5	±	1V	D2 pin14	3,3	±	0,1V																																																										
TPD7	-12,5	±	1V	D9 pin5	5	±	0,5V																																																										
TPD8	30,5	±	1V	D9 pin11	6,5	±	0,5V																																																										
TPD11	5	±	0,5V																																																														
CUT OFF / Ug2 Test 1. Receive a Window pattern. 2. Set Viewing Mode: Normal 3. Normalize the TV set. 4. Set brightness: Minimum	To adjust Cutoff connect an oscilloscope to the Blue cathode. Adjust the screen VR until the black level is 160V +5V/-5V. Black Level 160V+5V/-5V GND																																																																

SELF CHECK

Self-check is used to automatically check the bus lines and hexadecimal code of the TV set. To enter Self-Check mode, press the **STATUS** button on the remote control and at the same time press the down **(-v)** button on the customer controls at the front the TV set. To exit Self Check, switch off the TV set at the power button.

E2	O.K.	SUM	**
DDP	O.K.		
VSP	O.K.		
VPCD	O.K.		
AVSW	O.K.		
TUN	O.K.		
MSP	O.K.		
DPL	---		
MAS	---		
		TX-29PM11D	TX-29PM11F TX-29PM11P
OPTION 1	0F		0F
OPTION 2	00		00
OPTION 3	A0		A0
OPTION 4	11		11
OPTION 5	00		00
OPTION 6	05		05
OPTION 7	7F		7F
OPTION 8	D0		50
OPTION 9	00		00
OPTION 10	80		80
OPTION 11	1B		1B
OPTION 12	00		00
OPTION 13	0C		0C
CHECK	BB		3B

If the CCU ports have been checked and found to be incorrect or not located then " - - " will appear in place of "O.K.".

AUDIO BLOCK DIAGRAM

