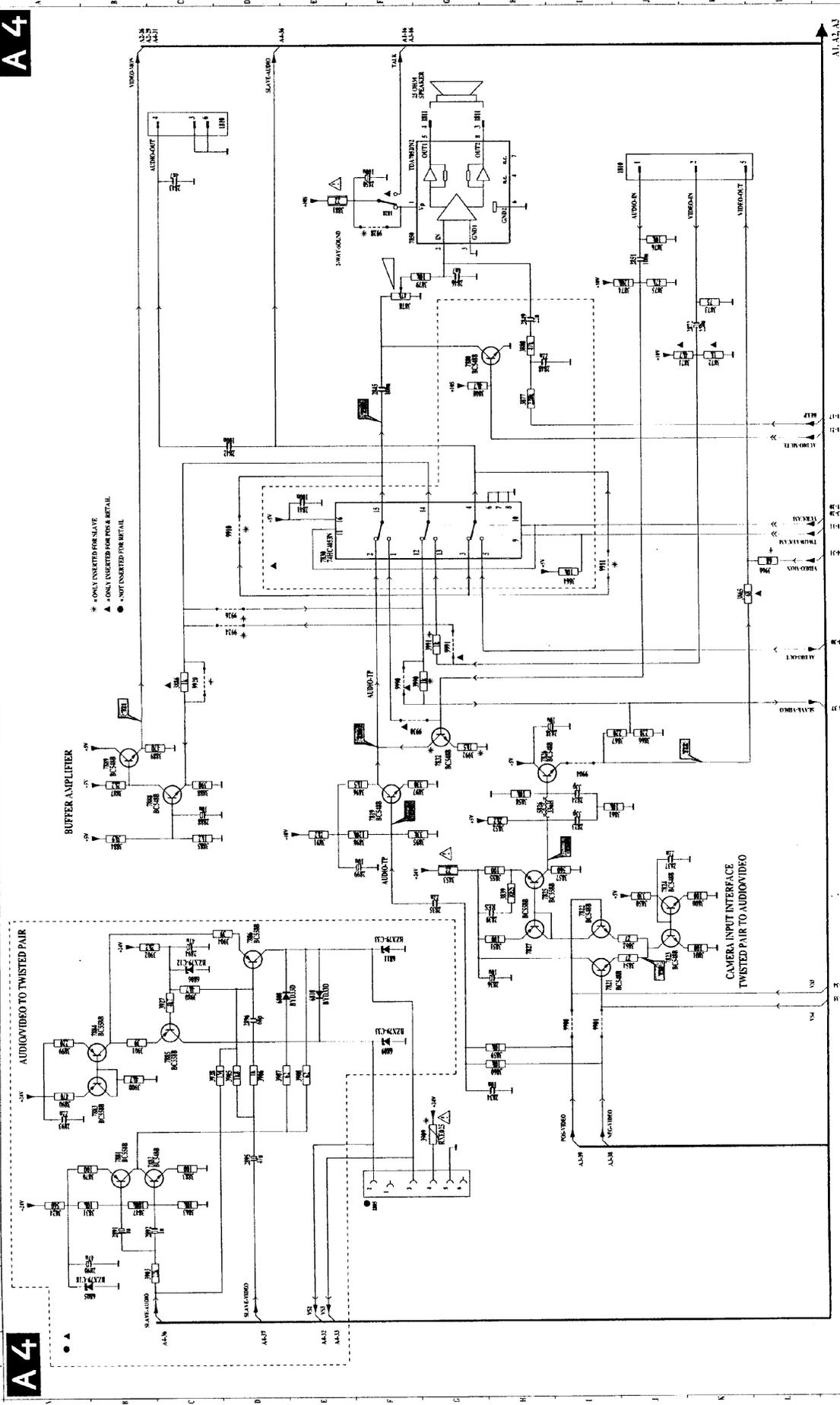


A4

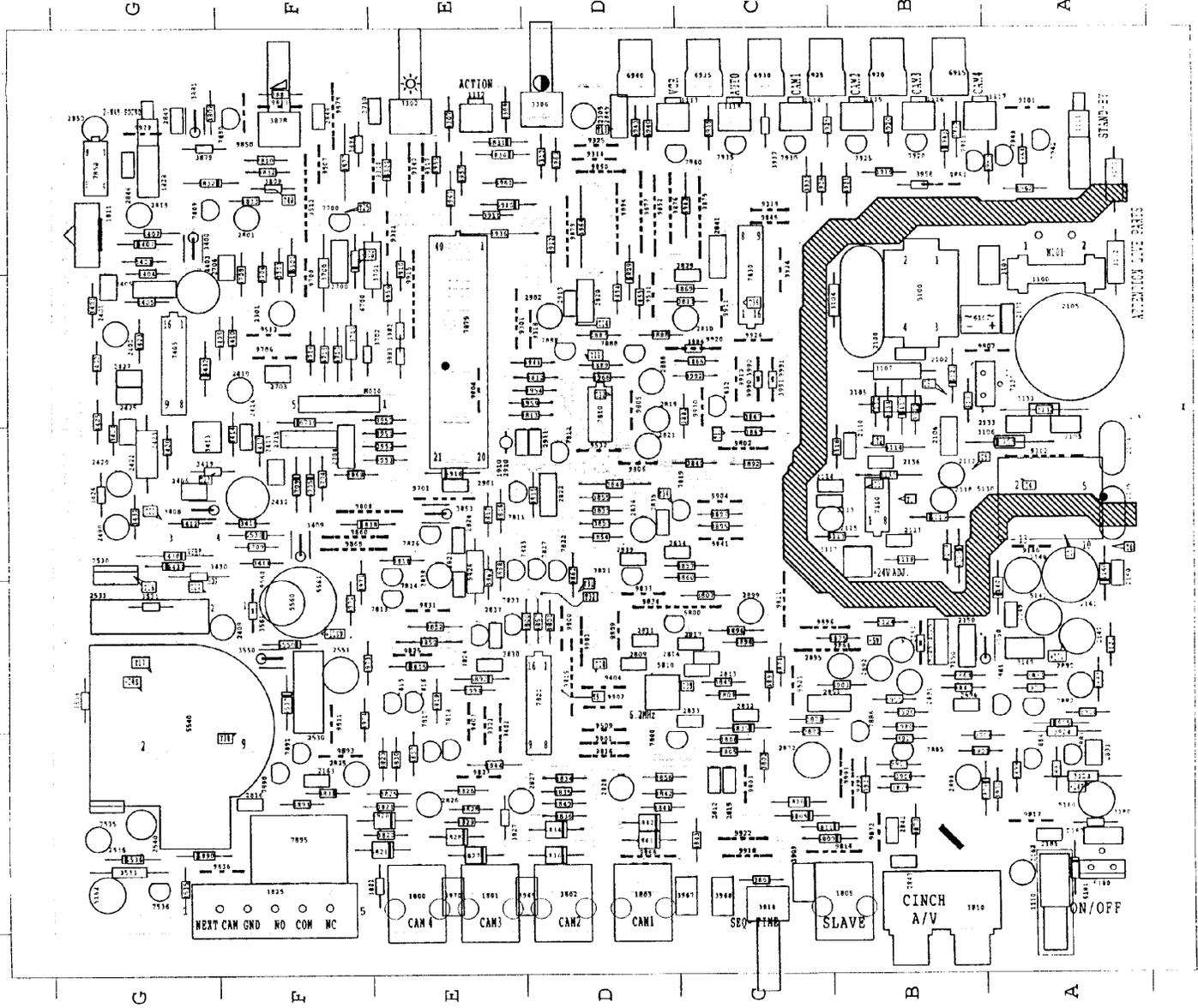
A4



A1, A2, A3

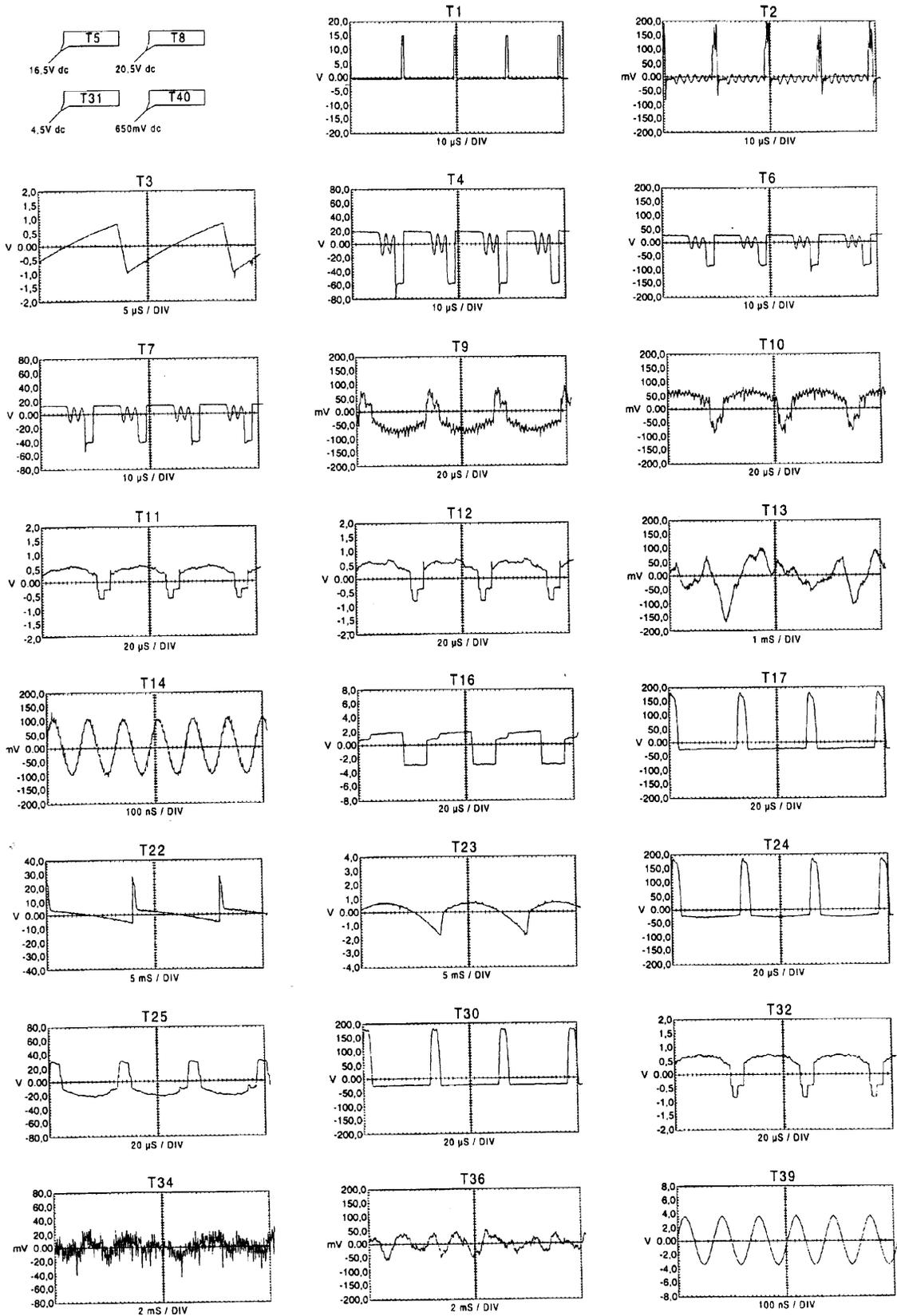
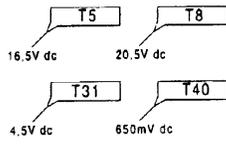
A1, A2, A3

1 2 3 4 5



1100 A4	2927 E1	3535 G1	3882 C4	7925 B5
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1111 A5	2929 E2	3550 F2	3884 A4	7935 C5
1112 E5	2830 C4	3561 F2	3885 A4	7935 C5
1113 D5	2831 C2	3562 F2	3886 A4	7940 A5
1114 B4	2832 C3	3701 E5	3887 G5	7943 A5
1115 B4	2833 D3	3702 E5	3888 D4	9101 A5
1116 B5	2834 D3	3703 F3	3889 D4	9125 B2
1117 B5	2835 D3	3704 F3	3890 A4	9140 A2
1118 C5	2836 D2	3705 F4	3891 C2	9140 A2
1800 E1	2837 E2	3706 F4	3892 F2	9310 E5
1801 E1	2838 E2	3707 F3	3893 G1	9311 E5
1802 D1	2841 C9	3710 F3	3894 G1	9311 E5
1803 D1	2842 C9	3711 F4	3894 F5	9312 A3
1804 B1	2843 B1	3715 F4	3895 F5	9314 A3
1805 B1	2845 D5	3716 F4	3896 C2	9317 E5
1810 B1	2846 D5	3800 D2	3897 C3	9318 C4
1811 G5	2846 G5	3801 A4	3898 C1	9318 C4
1812 G5	2847 G5	3802 C1	3899 A1	9322 E2
1813 G5	2848 G5	3803 A2	3900 A2	9325 D5
1910 E3	2849 G5	3804 C2	3901 B1	9340 E5
1911 E3	2850 G5	3805 C1	3902 A1	9340 E5
2101 A4	2851 C2	3806 C1	3903 A1	9402 E2
2102 B4	2852 B2	3807 C2	3904 D2	9403 D2
2103 B4	2853 A1	3808 C2	3905 B2	9403 D2
2104 A4	2854 A1	3809 G5	3906 B2	9501 C2
2105 A4	2855 A1	3810 F5	3907 B1	9507 F5
2106 B3	2856 B2	3811 C4	3908 B1	9511 F2
2110 B3	2857 A1	3812 D4	3909 C1	9512 E5
2112 B3	2858 B2	3813 C4	3910 C1	9512 E5
2113 B3	2859 C2	3814 C1	3911 E5	9531 D4
2114 C3	2901 E3	3815 D3	3912 D5	9532 D4
2115 C3	2902 D4	3816 E3	3915 B5	9560 F2
2118 B3	2903 D4	3817 E3	3916 B5	9700 F4
2139 A3	2910 E3	3818 E3	3918 B5	9700 F4
2134 A3	2911 D3	3819 E3	3920 B5	9701 F4
2135 B3	2912 D3	3820 E3	3921 B5	9701 F4
2136 B3	3101 A5	3821 E1	3922 C5	9836 D1
2140 A3	3102 A5	3822 E1	3923 C5	9836 D1
2141 A2	3103 A5	3823 E1	3924 B1	9841 D1
2149 A2	3104 A4	3824 A1	3925 B1	9842 D1
2150 B2	3105 A4	3825 A1	3926 C1	9843 D1
2151 B2	3106 A4	3826 E1	3927 C1	9843 D1
2160 A3	3107 B4	3827 E1	3928 C1	9843 D1
2161 A3	3108 B3	3828 E1	3929 D4	9843 D1
2162 A1	3109 B3	3829 E1	3930 D4	9843 D1
2163 F1	3110 B3	3830 E1	3931 D4	9843 D1
2164 F1	3111 B3	3831 E1	3932 E5	9843 D1
2180 A1	3112 B3	3832 E1	3933 E5	9843 D1
2181 A1	3113 B3	3833 E1	3934 E5	9843 D1
2201 F4	3114 B3	3834 E1	3935 E5	9843 D1
2205 D5	3115 B3	3835 D1	3936 E5	9843 D1
2401 G4	3121 B4	3836 D1	3937 E5	9843 D1
2402 G4	3122 A4	3837 E1	3938 E5	9843 D1
2403 G4	3123 A4	3838 E1	3939 E5	9843 D1
2404 G4	3124 A4	3839 E1	3940 C3	9843 D1
2406 G4	3125 B2	3840 C3	3941 D1	9843 D1
2409 F2	3131 B4	3841 D1	3942 D1	9843 D1
2410 F2	3132 A4	3842 D1	3943 D1	9843 D1
2411 F2	3133 A4	3843 D1	3944 D1	9843 D1
2412 F2	3134 A4	3844 D1	3945 C2	9843 D1
2413 F2	3135 A4	3845 C2	3946 A5	9843 D1
2414 F2	3136 A4	3846 A5	3947 B2	9843 D1
2420 G3	3149 A2	3847 B2	3948 A5	9843 D1
2422 G3	3150 B2	3848 D3	3949 G5	9843 D1
2423 G3	3180 A1	3849 D1	7810 D4	9884 C3
2425 G4	3301 F5	3850 D1	7811 E3	9888 F3
2426 G4	3302 F5	3851 D1	7812 E3	9888 F3
2427 G4	3303 D1	3852 D1	7813 E3	9888 F3
2428 G4	3304 D1	3853 D1	7814 E3	9888 F3
2429 G4	3305 D1	3854 D1	7815 E2	9888 F3
2430 G4	3306 D1	3855 D1	7816 E2	9888 F3
2431 G4	3307 E5	3856 D1	7817 E1	9888 F3
2531 G2	3308 E5	3857 E2	7818 E1	9888 F3
2532 G2	3309 E5	3858 E2	7819 E1	9888 F3
2536 G1	3310 E5	3859 E2	7820 D2	9888 F3
2540 G1	3311 E5	3860 E2	7821 D2	9888 F3
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2552 G2	3323 E5	3872 E1	7833 E2	9888 F3
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2554 G2	3325 E5	3874 E1	7835 E2	9888 F3
2555 G2	3326 E5	3875 E1	7836 E2	9888 F3
2556 G2	3327 E5	3876 E1	7837 E2	9888 F3
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2564 G2	3335 E5	3884 E1	7845 E2	9888 F3
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2569 G2	3340 E5	3889 E1	7850 E2	9888 F3
2570 G2	3341 E5	3890 E1	7851 E2	9888 F3
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2572 G2	3343 E5	3892 E1	7853 E2	9888 F3
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2651 G2	3422 E5	3971 E2	7932 E3	9888 F3
2652 G2	3423 E5	3972 E2	7933 E3	9888 F3
2653 G2	3424 E5	3973 E2	7934 E3	9888 F3
2654 G2	3425 E5	3974 E2	7935 E3	9888 F3
2655 G2	3426 E5	3975 E2	7936 E3	9888 F3
2656 G2	3427 E5	3976 E2	7937 E3	9888 F3
2657 G2	3428 E5	3977 E2	7938 E3	9888 F3
2658 G2	3429 E5	3978 E2	7939 E3	9888 F3
2659 G2	3430 E5	3979 E2	7940 E3	9888 F3
2660 G2	3431 E5	3980 E2	7941 E3	9888 F3
2661 G2	3432 E5	3981 E2	7942 E3	9888 F3
2662 G2	3433 E5	3982 E2	7943 E3	9888 F3
2663 G2	3434 E5	3983 E2	7944 E3	9888 F3
2664 G2	3435 E5	3984 E2	7945 E3	

Wave forms



8. Electrical & mechanical adjustments

1. General

- All controls in the minimum position unless otherwise specified.
- Test signal: From pattern generator (PM 5544, circle), applied via capacitor of 4.7nF for DC blocking.
- The monitor should be warmed up for about 2 minutes.

2. Power supply

2.1 Adjustments of the +24V Volt

- Connect a DC voltmeter to TP +24V
- Switch on the monitor.
- Adjust potentiometer 3117 so the voltage reads 24,2 Volt DC ($\pm 0,2$ Volt)

3. Time base

3.1 Frame amplitude

- Apply a "Circle" with a pattern generator on Video-in-VCR and switch to VCR.
- Set al controls in the middle position.
- Adjust potentiometer 3413 until the vertical size of the circle is the same size as in horizontal direction.

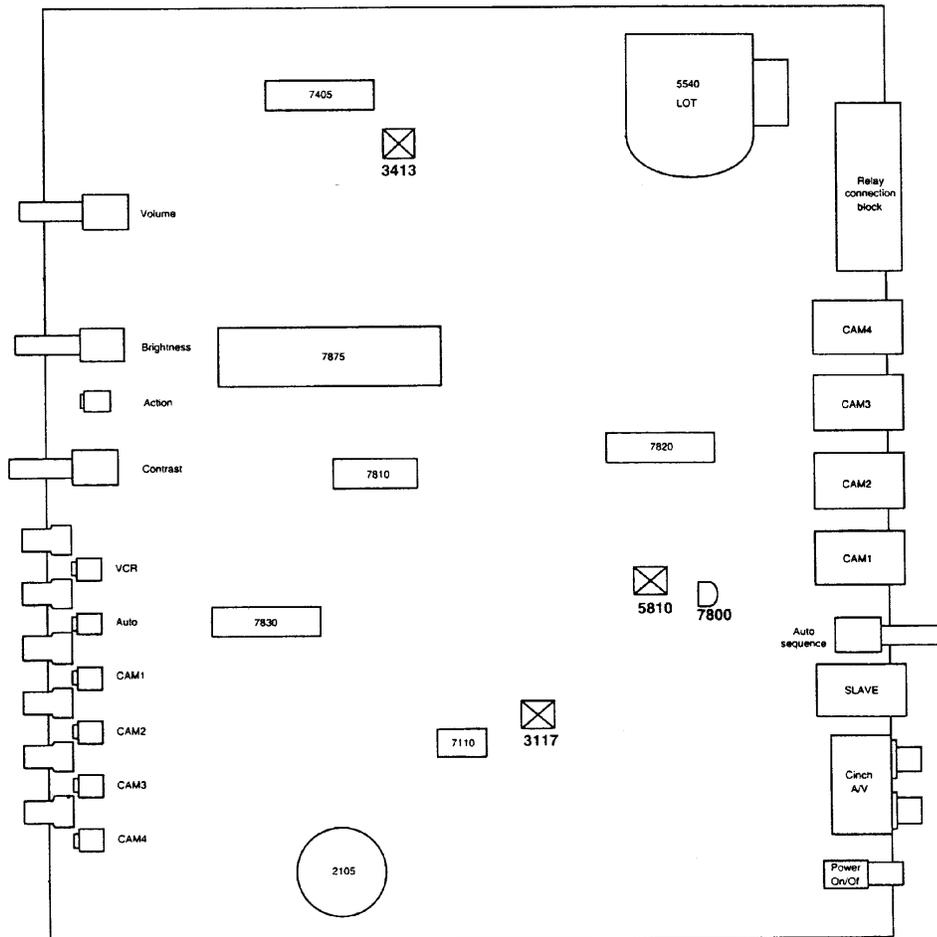
3.2 Picture geometry

- Rotate the deflection coil around the neck of the picture tube until the sides of the picture are in parallel with the mask.
- Adjust the centring magnets until the picture is symmetrical relative to the mask.

4. Carrier wave for intercom functions

4.1 Carrier wave adjustment

- Connect a frequency counter via a capacitor of 1 pF to the emitter of 7800.
- Tune the core of the coil 5810, while pressing the talk button, until the frequency counter measures 6.200.000 Hz ± 5 kHz.



10. Direction for use (for the type numbers VSS2360/00T & VS23605T & VS23655T)

Note: Unless otherwise indicated, all drawings are on page 2 & 3 of this manual

Installation



When the configuration is altered, the system must be scanned again. Therefore always switch off the system by means of the rear power switch when a camera or accessory is added or removed. Only operating the power save button is not sufficient.

Remark: Only the inputs to which cameras are connected can be selected or used by the monitor. It is therefore useless to connect an accessory to an input to which no camera is connected.

Monitor

On the back of the monitor the following can be connected:

Cameras

Connect the camera to one of the camera inputs at the back of the monitor (fig. A-2).

Correctly directing the camera at the object will be easier when the monitor is temporarily installed at the camera site.

VCR

For the recording and reproducing of pictures and sound a video recorder has to be connected to the input and output (**VCR-audio/video in/out**) on the back of the monitor (fig. A-2).

The VCR output can also be used to connect other peripheral equipment. For example, a video printer for hard copies.

Extra monitor

You can connect an extra monitor to the slave-output (fig. A-2), by using the same twisted pair system cable. The extra monitor gives exactly the same picture and sound as the basic monitor.

In VCR mode, the slave monitor shows the image of the last selected camera.

Alarm contact

The alarm contact (make (N.O.) and break (N.C.)) of the monitor (fig. A-2) can, for instance, be used to start up a video recorder, siren or telephone selector.

Cable

A 4-wire system cable (see specifications) is supplied as standard.

For optimum picture and sound quality, a standard dual 'twisted-pair' (telephone) cable should be used.

There is an extensive range of plugs and tools available in the hobby and professional trade to extend the cable. Always ensure that the connection is made as shown in figure D (Page 19).

Caution: The plugs used for the observation system have the same dimensions as standard telephone plugs. Never connect a telephone to the camera or system monitor.

The maximum distance that can be bridged (without a cable extension adapter) between the monitor and the cameras is **300 meters**.

Operation

Monitor

System on/off

By means of the **system** button (fig. A-2) the system can be switched on and off.

When the system is switched off all the camera LED's are off and the auto (sequence) LED flashes periodical.

Remark: Use the **system** button to switch off the system when a camera or accessory is added or removed.

Power save

By pushing the **power save** button (fig. A-1) the image and sound on the monitor can be switched off, thus saving power.

When the system is in power save mode all the camera LED's are off and the auto (sequence) LED is on.

Brightness/contrast

With the **brightness** (fig. A-1) and **contrast** knob (fig. A-1) the picture can be adjusted to your personal preference or to the ambient conditions.

Volume

With the **volume** knob the sound level can be adjusted (fig. A-1).

Talk

By pushing the **talk** button (fig. A-1) the built-in microphone (fig. A-1) in the monitor is switched on. The sound from the microphone can be reproduced by means of an intercom box (optional).

Action

By means of the **action** button (fig. A-1) it is possible to activate an (optional) action box. This can, for instance, be used to open a door remotely. The action box remains active for as long as the button is pressed.

Auto Sequence

The monitor switches slowly between the pictures (image + sound) of the connected cameras.

Remark: The auto button is only functional when:

- camera mode is selected;
- the observation system is enlarged to at least two cameras.

By pushing the **auto** button (fig. A-1) the automatic sequence function is started. The automatic interval sequence time (auto sequence time) can be adjusted between 4 and 60 seconds on the back of the monitor (fig. A-2).

In order to switch back to manual operation, push one of the camera preference buttons or the **auto** button.

Camera selection

A maximum of four cameras can be connected to the monitor. Choosing a camera is done with the camera selection keys **1, 2, 3** and **4** (fig. A-1), the appropriate LED lights up.

VCR

With this button (fig. A-1) the monitor is switched to VCR mode. The VCR-LED will light up. The signal which is supplied at the VCR input on the back of the monitor (fig. A-2) will be shown on the monitor.

Next camera input

When closing the contacts of the next camera input (fig. A-2), the system switches to the next available camera (for future use).

Doorbell

When the **doorbell** button on the optional intercom box is pushed, a buzzer will sound at the monitor, after which the picture will be switched to the corresponding camera. If the automatic camera sequence is active, it will be stopped. If the system operator does not react within 1 minute to the warning signal by pushing any button, the monitor will return to its previous status, or the automatic camera sequence will continue.

Alarm

An alarm will sound if:

- there is a break in the camera line.
- this is detected by a camera alarm input or by an alarm box (optional).

When an alarm sounds:

- 1) The system automatically switches to the corresponding camera input.
- 2) The corresponding camera LED will start to blink.
- 3) The built-in alarm buzzer will be audible for 15 seconds.
- 4) The alarm contact (fig. A-2) is changed over for 3 minutes. The alarm contact can activate a video recorder, siren or telephone selector.

Alarm programming

If required, an alarm box in a particular camera line can be disabled. This may be necessary to disconnect the alarms of a door contact or movement detector during the daytime. However, the cable detection remains active at all times.

Push and hold the **auto** button together with the **VCR** button.

The camera LED's on the monitor, the alarm function of which is active, will light up. The **auto** LED will blink fast. Push the corresponding camera selection button, the alarm of which has to be switched on or off (LED on = alarm on; LED off = alarm off).

If all camera lines are set, programming can be ended by pushing the **auto** button. The monitor will return to the status it had before programming.

Automatic alarm termination

After 3 minutes the monitor returns to the status it was in before the alarm was sounding.

If the automatic camera sequence was active, it will be continued. However, the corresponding camera LED remains flashing for as long as the alarm line is active (alarm detector is still active) or the camera line is still cut.

Premature (within 3 minutes) alarm termination

The alarm output (fig. A-2) will be de-activated by switching off the alarm. See alarm programming above. Pressing any key on the control panel of the monitor within 15 seconds will end the alarm sound only.

Alarm priority

A new alarm always gets priority. The monitor will always switch to the camera of the last-received alarm but the LED(s) of each previously received alarm blink faster.

Tips for maintenance

Ventilation

Avoid overheating the system monitor by ensuring to it that the ventilation openings on the top of the monitor remain uncovered. Do not place the monitor in the immediate vicinity of a source of heating.

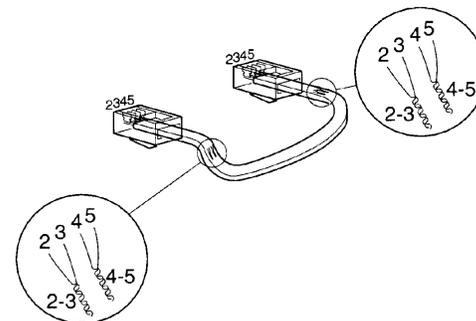
Cleaning

You can clean the system monitor with a moist, fluff-free cloth or chamois leather cloth.

The outside of the camera can be cleaned with a moist, fluff-free cloth or chamois leather cloth.

When cleaning the objective a special lens cleaning cloth should be used. Do NOT use cleaning fluids that contain alcohol, methylated spirit, ammonia, etc..

Avoid direct contact with water.



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Figure D

The technical data of the system cable is as follows :

- system cable (2x2x0,5).
- Basic attenuation, loop resistance 16 Ohm (100 meter).
- Matching impedance 120 Ohm, >10 kHz
- Attenuation (for 100 meter) 5 dB for 5 MHz \pm 20%
2 dB for 1 MHz \pm 20 %
- Signal to noise ratio, 0,1 to 5 MHz >50 dB
- Cross talk in pair: 5 MHz > 46 dB / 100 meter.
50 kHz > 70 dB / 100 meter.

For the type numbers VSS2260/00R & 22MS605R & VS22605R

Installation



When the configuration is altered, the system must be scanned again. Therefore always switch off the system by means of the rear power switch when a camera or accessory is added or removed. Only operating the power save button is not sufficient.

Remark: Only the inputs to which cameras are connected can be selected or used by the monitor. It is therefore useless to connect an accessory to an input to which no camera is connected.

Monitor

On the back of the monitor the following can be connected:

Cameras

Connect the camera to one of the camera inputs on the back of the monitor (fig. B-2). Correctly directing the camera at the object will be easier when the monitor is temporarily installed at the camera site.

VCR

For the recording and reproducing of pictures and sound a video recorder has to be connected to the input and output (VCR-audio/video in/out) on the back of the monitor (fig. B-2).

The VCR output can also be used to connect other peripheral equipment. For example, a video printer for hard copies.

Alarm contact

The alarm contact (make (N.O.) and break (N.C.)) of the monitor (fig. B-2) can, for instance, be used to start up a video recorder, siren or telephone selector.

Cable

A 4-wire system cable (see specifications) is supplied as standard.

For optimum picture and sound quality, a standard dual 'twisted-pair' (telephone) cable should be used.

There is an extensive range of plugs and tools available in the hobby and professional trade to extend the cable.

Always ensure that the connection is made as shown in figure D (page 19).

Caution: The plugs used for the observation system have the same dimensions as standard telephone plugs. Never connect a telephone to the camera or system monitor.

The maximum distance that can be bridged between the monitor and the cameras is **50 meters**.

Operation

Monitor

System on/off

By means of the system button (fig. B-2) the system can be switched on and off. When the system is switched off all the camera LED's are off and the auto (sequence) LED flashes periodical.

Remark: Use the system button to switch off the system when a camera or accessory is added or removed.

Power save

By pushing the power save button (fig. B-1) the image and sound on the monitor can be switched off, thus saving power. When the system is in power save mode all the camera LED's are off and the auto (sequence) LED is on.

Brightness/contrast

With the brightness (fig. B-1) and contrast knob (fig. B-1) the picture can be adjusted to your personal preference or to the ambient conditions.

Volume

With the volume knob the sound level can be adjusted (fig. B-1).

Talk

By pushing the talk button (fig. B-1) the built-in microphone (fig. B-1) in the monitor is switched on. The sound from the microphone can be reproduced by means of an intercom box (optional).

Auto sequence

The monitor switches slowly between the pictures (image + sound) of the connected cameras.

Remark: The auto button is only functional when:

- Camera mode is selected
- The observation system is enlarged to at least two cameras.

By pushing the auto button (fig. B-1) the automatic sequence function is started. The automatic interval sequence time (auto sequence time) can be adjusted between 4 and 60 seconds on the back of the monitor (fig. B-2).

In order to switch back to manual operation, push one of the camera preference buttons or the auto button.

Camera selection

A maximum of four cameras can be connected to the monitor. Choosing a camera is done with the camera selection keys 1, 2, 3 and 4 (fig. B-1), the appropriate LED lights up.

VCR

With this button (fig. B-1) the monitor is switched to VCR mode. The VCR-LED will light up. The signal which is supplied at the VCR input on the back of the monitor (fig. B-2) will be shown on the monitor.

Alarm

Alarm will sound if:

- there is a break in the camera line. this is detected by a camera alarm input.

When an alarm sounds:

- 1) The system automatically switches to the corresponding camera input.
- 2) The corresponding camera LED will start to blink.
- 3) The built-in alarm buzzer will be audible for 15 seconds.
- 4) The alarm contact (fig. B-2) is changed over for 3 minutes.

The alarm contact can activate a video recorder, siren or telephone selector.

Alarm programming if required, an alarm in a particular camera line can be disabled. This may be necessary to disconnect the alarms of a door contact or movement detector during the daytime. However, the cable detection remains active at all times.

Push and hold the auto button together with the VCR button. The camera LED's on the monitor, the alarm function of which is active, will light up. The auto LED will blink fast. Push the corresponding camera selection button, the alarm of which has to be switched on or off (LED on = alarm on; LED off = alarm off). If all camera lines are set, programming can be ended by pushing the auto button. The monitor will return to the status it had before programming.

Automatic alarm termination

After 3 minutes the monitor returns to the status it was in before the alarm was sounding. If the automatic camera sequence was active, it will be continued. However, the corresponding camera LED remains flashing for as long as the alarm line is active (alarm detector is still active) or the camera line is still cut.

Premature (within 3 minutes) alarm termination The alarm output (fig. B-5) will be de-activated by switching off the alarm. See alarm programming above. Pressing any key on the control panel of the monitor within 15 seconds will end the alarm sound only.

Alarm priority A new alarm always gets priority. The monitor will always switch to the camera of the last-received alarm but the LED(s) of each previously received alarm blink faster.

Tips for maintenance

Ventilation

Avoid overheating the system monitor by ensuring to it that the ventilation openings on the top of the monitor remain uncovered. Do not place the monitor in the immediate vicinity of a source of heating.

Cleaning

You can clean the system monitor with a moist, fluff-free cloth or chamois leather cloth.

The outside of the camera can be cleaned with a moist, fluff-free cloth or chamois leather cloth.

When cleaning the objective a special lens cleaning cloth should be used. Do NOT use cleaning fluids that contain alcohol, methylated spirit, ammonia, etc..

Avoid direct contact with water.

For the type numbers VSS4460/00T & VS44605T

Installation

The following can be connected on the rear of the monitor:

Connection system monitor - slave monitor Connect the slave video/audio output on the system monitor to the audio/video input on the slave monitor using;

- standard cinch connectors (fig. C-2) or
- a system cable (fig. C-2).

Connection slave monitor - slave monitor Connect the video/audio input on the slave monitor with the video/audio output of the previous slave monitor (fig. C-2). Multiple slave monitors can be connected together in a chain.

Connection camera - slave monitor When the slave monitor is not connected to a system monitor you can connect a system camera to the system input (fig. C-2).

Read these instructions, before putting your system in operation.

Operation

Power save

By pressing the power save button (fig. C-1) the monitor picture and sound can be switched on or off.

The monitor continues to feed the sound and picture through to the video/audio output.

System on/off.

By means of the system button (fig. C-2) the system can be switched on and off.

Remark: Use the system on/off button to switch off the system when you change the configuration of the system.

Brightness/contrast

With the brightness and contrast control (fig. C-1) you can adjust the picture to your personal preference or the surrounding conditions.

Volume

With the volume control you can adjust the sound level (fig. C-1).

Tips for maintenance

Ventilation

Avoid overheating the monitor by ensuring to it that the ventilation openings on the top of the monitor remain uncovered. Do not place the monitor in the immediate vicinity of a source of heating.

Cleaning

You can clean the monitor with a moist, fluff-free cloth or chamois leather cloth.

Avoid direct contact with water.

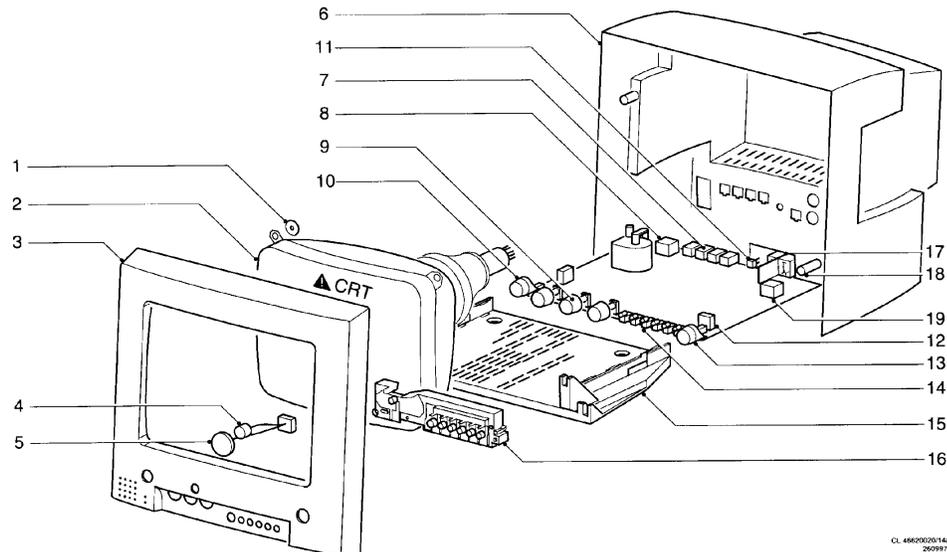
11. Abbreviations

μ P	Micro processor	SELECT 0 to SELECT 3	Select camera 1 to 4
10S ENABLE	Enable +10S (for STBY mode)	SLAVE-AUDIO/VIDEO	For slave twisted Pair output
A0/A1	Binary camera selection	SMPS	Switch mode power supply
ACTION-OUT	BEEP to Intercom via TP modulator	STBY	Shut down of deflection and CRT part
ALARM-OUT	Relay alarm output	SYS	System
AUDIO-MUTE	Audio mute	TALK	Communication with intercom
AUDIO-OUT	Audio output for cinch (rear monitor)	TP	Twisted Pair telephone cable
AUDIO-TP	Camera audio from TP input	TWOWAY/CAM	Two way camera audio
BEEP	Beep	V. DEFL	Vertical deflection coil
CAM1 to CAM4	Camera indication LED	VCAM1 to VCAM4	Supply voltage for camera 1 to 4
CRT	Cathode ray tube	VCC1	Reference voltage (9,8V)
EHT	Extra High Tension	VCR	Video cassette recorder
ESD	Electric Static Discharge	VCR/CAM	Input select VCR or Camera
HFB	Horizontal feed-back	VFB	Vertical feedback
HOR	Horizontal deflection	Vg1	Voltage grid 1
INP-SEQ	Next camera input from timer	Vg2	Voltage grid 2
LOT	Line output transformer	VIDEO-MON	Video for CRT
NEG-VIDEO	Negative Video signal	VS2 to VS5	Inserted for Slave functionality
NEXT-CAM	Next camera input (POS only)	+10S	Filament voltage
PLL	Phase Lock Loop	+24V	Camera's and Relay power supply
POS	Philips Observation System	+10V	μ P and TP interface power supply
POS-VIDEO	Positive video signal	+24S	Deflection and Line output stage
PTC	Positive Temperature Coefficient		Power supply
RESET-SEQ	Reset camera sequence timer		

12. Spare Parts list

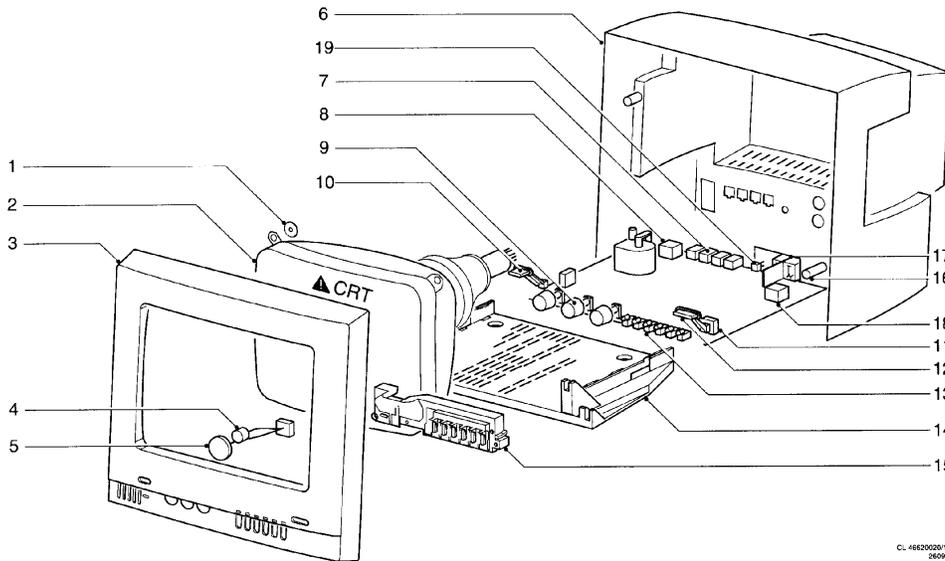
Mechanical

VSS2360/00T & VS23605T & VS23655T (POS)



Pos.	Service Code	Description	Pos.	Service Code	Description	Pos.	Service Code	Description
1	5322 401 11314	CRT ring	8	4822 265 11114	Screw block	17	4822 265 11113	Cinch connector
2	4822 131 20473	Picture tube	9	4822 413 41882	Knob	18	4822 410 63859	On/off knob
3	4822 441 12078	Front assy PAL	10	4822 410 63486	Action button	19	4822 276 13483	On/off switch
3	4822 441 12076	Front assy NTSC	11	4822 100 20887	Potmeter sequence		4822 256 92332	Speaker ring
4	4822 242 10696	Microphone	12	4822 276 13554	Stand-by switch			
5	4822 240 10157	Loudspeaker	13	4822 410 63485	Stand-by knob			
6	4822 426 10551	Rear cover PAL	14	4822 255 41346	Led holder			
6	4822 426 10549	Rear cover NTSC	15	4822 435 60076	Bottom plate			
7	4822 276 41181	Camera inputs	16	4822 410 63484	Knob frame			

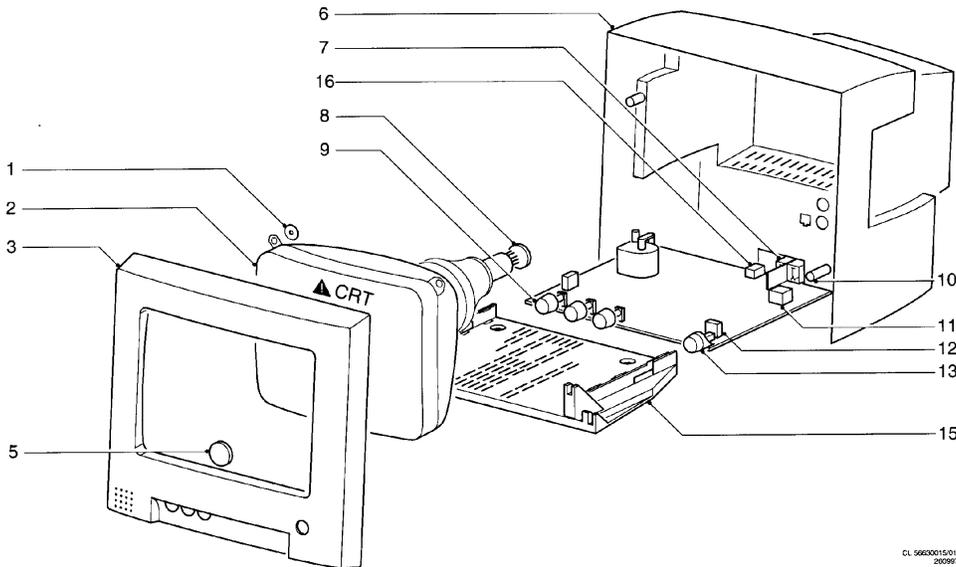
VSS2260/00R & 22MS605R & VS22605R (Retail)



CL 482020/14b
260997

Pos.	Service Code	Description	Pos.	Service Code	Description	Pos.	Service Code	Description
1	5322 401 11314	CRT ring	8	4822 267 41179	Screw block	17	4822 265 11113	Cinch connector
2	4822 131 20473	Picture tube	9	4822 413 41886	Knob	18	4822 276 13483	On/off switch
3	4822 441 12074	Front VSS2260/00R	10	4822 410 63489	Action button	19	4822 100 20887	Sequence time potmeter
3	4822 459 04745	Front 22MS605R	11	4822 276 13554	Stand-by switch			
3	4822 459 04134	Front VS22605R	12	4822 410 63488	Stand-by knob			
4	4822 242 10696	Microphone	13	4822 255 41347	Led holder	4822 256 92332		Speaker ring
5	4822 240 10157	Loudspeaker	14	4822 435 60077	Bottom plate			
6	4822 426 10558	Rear cover	15	4822 410 63487	Knob frame			
7	4822 276 41181	Camera inputs	16	4822 410 63859	On/off knob			

VSS4460/00T & VS44605T (Slave)



CL 56630015/014
260997

Pos.	Service Code	Description	Pos.	Service Code	Description	Pos.	Service Code	Description
1	5322 401 11314	CRT ring	7	4822 265 11113	Cinch connector	15	4822 435 60076	Bottom plate
2	4822 131 20473	Picture tube	8	4822 255 70167	Socket for CRT	16	4822 276 41181	Slave input
3	4822 441 12077	Front assy PAL	9	4822 413 41882	Knob			
3	4822 441 12075	Front assy NTSC	10	4822 410 63859	On/off knob			
5	4822 240 10157	Loudspeaker	11	4822 276 13483	On/off switch			
6	4822 426 10547	Rear cover PAL	12	4822 276 11237	Stand-by switch			
6	4822 426 10548	Rear cover NTSC	13	4822 410 63485	Stand-by knob			