ANCONA

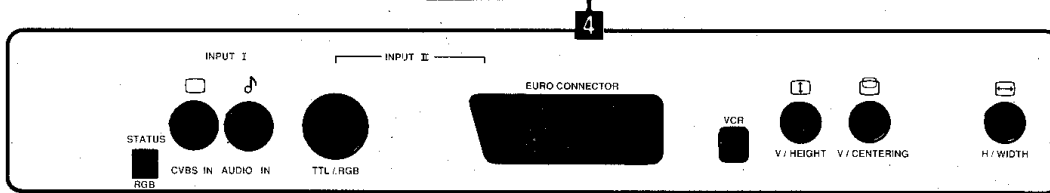## Colour Monitor

CL 861/80
CL 861/100

POWER

INPUT II
INPUT I
GREEN

3 2 1

INPUT I
INPUT II
EURO CONNECTOR
VCR
STATUS
RGB
CVBS IN AUDIO IN
TTL / RGB
V / HEIGHT V / CENTERING
H / WIDTH

4
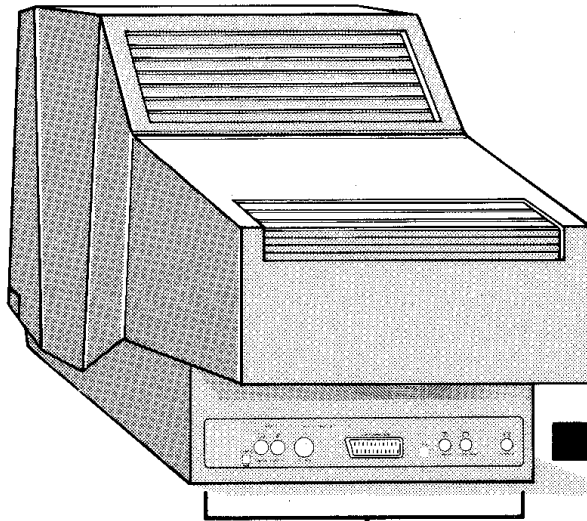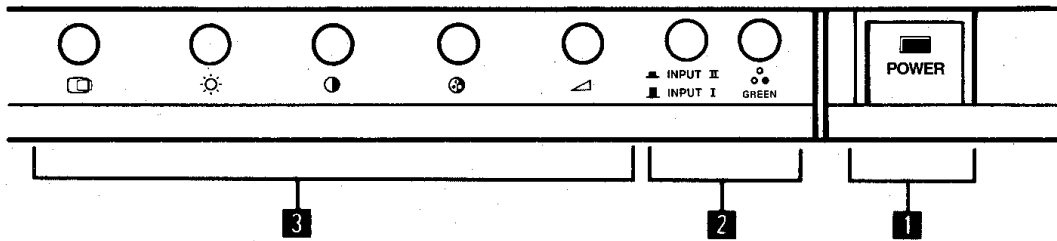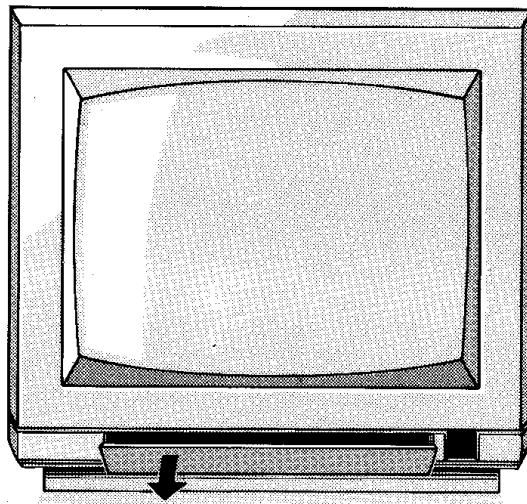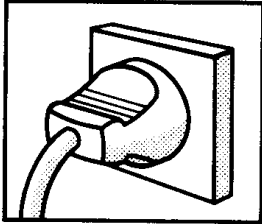
Installation

Positioning/Ventilation

In order to prevent overheating, ensure that the ventilation openings in the monitor are not covered.
The monitor should not be placed near a source of heat.

Connection to the mains

You can connect your monitor to a mains voltage of between 220 and 240 V. If the mains voltage in your home is different from this, consult your dealer.

Connections to the computer

Your monitor is equipped with connectors for input of video and audio signals. Each connector is marked with its function.

Home and personal computers have a large variety of connector types for video and audio signals.
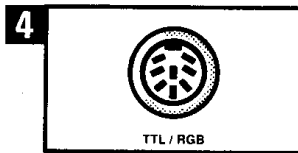
Connections
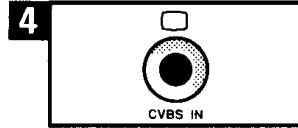
CVBS IN (Phono Type) ▢
CVBS input (composite signal) of the Phono plug type.
For connection of a computer or other CVBS sources.

AUDIO IN (Phono type) ♪
For connection of a signal source with a sound (audio) signal output.

TTL RGB input (8 pin DIN type 270°)
For connection of a computer with a TTL RGB output with separated synchronisation (TTL level).


CVBS + RGB linear + Audio input (Euroconnector type)
For connection of a Video Recorder, Computer, LaserVision Player, TV Tuner, etc. equipped with a Euroconnector.

Remark:
If you connect both RGB inputs simultaneously the TTL RGB input automatically has priority over the linear RGB input.
After switching off or removing the connection cable from the TTL source, RGB linear will be looped in.
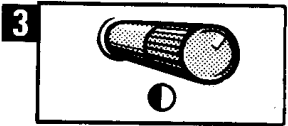
Picture and sound controls

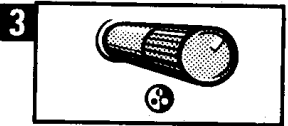For an optimum adjustment of the video and audio input signals various controls are available.
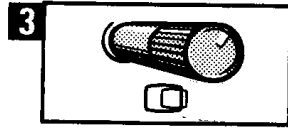
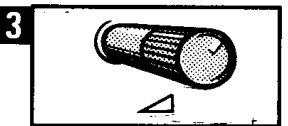● The image may be positioned horizontally with knob ▭.
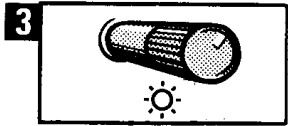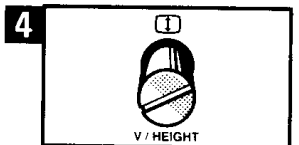
● Adjust brightness with knob ☼.

● Adjust contrast with knob ◑.

● Adjust saturation of colour with knob ⊕ (not with connected RGB sources).

● Adjust volume with knob ◁.

V.Height ▭
● You can adjust the image height with knob ▭.
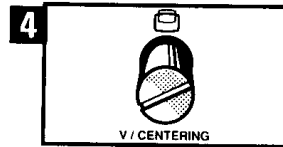
V.Centering ⊖
● The image may be positioned vertically with knob ⊖.
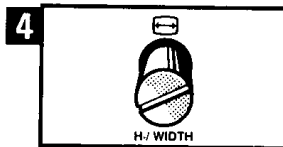
H.Width ⊟
● The image width can be adjusted with knob ⊟.
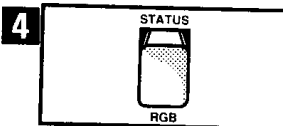
RGB STATUS switch
Push the RGB STATUS switch when your RGB computer does not supply the RGB STATUS voltage. When doing so the Euroconnector and DIN connector will be in the RGB mode.
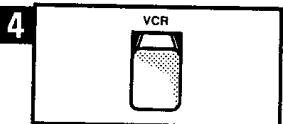
VCR button
● If you use your monitor as display for your Video Recorder or VLP press button 'VCR' to adjust the picture.
In case a TV Tuner is connected this button should be released.

General

- If the picture is not as desired, check whether all controls are in the correct position.
- The rear panel should only be removed by a service technician.
- If necessary, clean with a damp sponge. Do not use alcohol, spirits or ammonia.

Technical information

Technical specifications*

I) General

Picture tube	: 14 inch, dark screen, 90° deflection
Line frequency	: 15625 Hz
Frame frequency	: 50/60 Hz
Sound output	: 1 watt 5% distortion
Mains voltage	: 230 Volt ± 15%
Power consumption	: 75 Watt typ.
Dimension (H x W x D)	: 323 x 350 x 381
Weight	: 11 kg

II) Specification with respect to model number

Model number	CL861 /80	CL861 /100
Picture tube pitch Slotted/Dotted (mm)	.42S	.39D
Resolution on RGB application (lines)	600	700
Characters on RGB application	2000	> 2000
Input signals		
Composite video 1 V ± 0.5 Vpp/75 Ohm	✳	–
RGB linear 0.7 Vpp/75 Ohm	✳	✳
RGBI TTL	✳	✳
Audio Mono/Stereo 150 mV – 2 Veff/10 kOhm	S	M
Connectors		
Phono connector	✳	✳
Euroconnector	✳	✳
8-pol.DIN connector	✳	✳
Headphone connector 3.5 mm	✳	–
Controls/switches		
Colour saturation	✳	–
Input I/II selector	✳	–
RGB status switch	✳	–
VCR switch	✳	–
Green switch	✳	✳

Note: CL861/80 = ANCONA 80
CL861/100 = ANCONA 100

* This data may be changed without notice.

Euroconnector
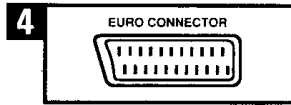
The specification of the Euroconnector is as follows:

Pin
1 –
2 audio input   0.5 Vrms/
   > 10 kohms
3 –
4 earth connection for audio
5 earth connection B input
6 audio input   0.5 Vrms/
                    > 10 kohms
7 B input   0.7 Vpp/75 ohms
8 –
9 earth connection G input
10 –
11 G-input   0.7 Vpp/75 ohms
12 –
13 earth connection R input
14 –
15 R input   0.7 Vpp/75 ohms
16 fast blanking
17 earth connection CVBS
18 fast blanking earth
19 –
20 CVBS input*   1 Vpp/75 ohms
21 screening plug

* **Note:** Pin 20 is also used for the synchronisation signal of a linear RGB input.

TTL RGB DIN specification
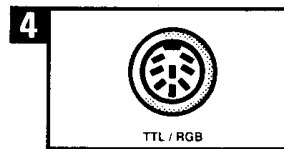
Pin 1   open
Pin 2   red
Pin 3   green
Pin 4   blue
Pin 5   intensity
Pin 6   earth
Pin 7   H.synchronisation or composite synchronisation
Pin 8   V.synchronisation