

① 产品及遥控器上的“环保使用期限”标识（如左图所示），表明本产品及遥控器的“环保使用期限”为7年。电池等可更换部件的环保使用期限可能与产品及遥控器环保使用期限有所不同。只有产品在符合本说明书规定的正常条件下使用，“环保使用期限”才有效。

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 Cr (VI)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
机芯	×	○	○	○	○	○
显像管	×	○	○	○	○	○
机壳	○	○	○	○	○	○
扬声器	○	○	○	○	○	○
遥控器	×	○	○	○	○	○
按键膜	○	○	○	○	○	○
底座	○	○	○	○	○	○
电源线及连接线	×	○	○	○	○	○

○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T 11363-2006 规定的限量要求以下。
 ×：表示该有毒有害物质在该部件的某一均质材料中的含量超出 SJ/T 11363-2006 规定的限量要求。
 注 1：本产品应，环保设计理念，对有毒有害物质进行了有效控制，“×”表示该有毒有害物质或元素主要因技术发展水平限制，无法实现有毒有害物质或元素替代。
 注 2：上述部件分类视具体产品有所不同，以实际产品为准。

72-TM2900-002

产品执行标准号:Q/WP1034-2005
 产品标准备案号:QB/44130033952-2005
 尊敬的客户：如在使用中遇到问题，请拨打TCL
 全国统一用户服务热线4008-123456咨询。

TCL集团股份有限公司
 地址:广东省惠州市仲恺高新技术开发区十九号小区
 电话: 4008-123456
 传真: 0752-2636307
 邮编: 516006
 www.tcl.com

数码监视器 MONITOR

TM25/ TM29

使用说明书

尊敬的客户，因本机功能较多，为了充分有效地应用
 各项功能，使用前，请您详细阅读本机使用说明书。

创意感动生活
 The Creative Life



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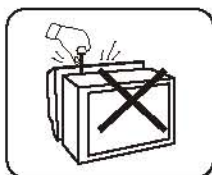
06 几何设置

装箱单

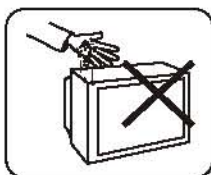
- 主机一台
- 遥控器一个, 7号电池两节
- 说明书一套(含保修单、合格证等)
- 有线遥控连接线一条

警告注意

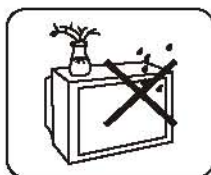
警告



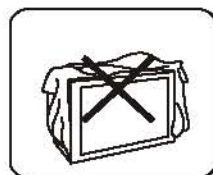
机内有高压，非专业人员切勿打开后盖，以防触电。



切勿将异物(如：铁屑、项链、硬币等)掉入机内，以防引起电路短路着火，损坏电视机。

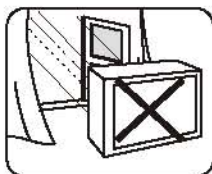


监视器不应遭受水滴或水溅。监视器上不应该放置诸如花瓶一类的装有液体的物品。

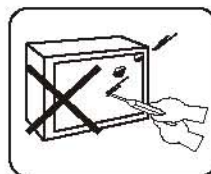


在使用监视器时，监视器上不可覆盖影响散热物品，以防造成监视器散热不良，直接影响监视器使用寿命或引起故障，甚至着火。量监视器罩时务必确认拔掉电源插头。

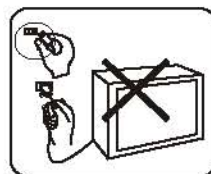
注意



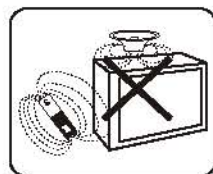
监视器严禁雨淋、受潮和严重的灰尘侵蚀，以防引起触电或电路短路着火。



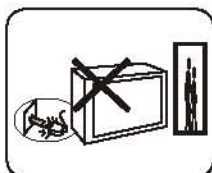
勿使监视器(尤其是荧屏)受到硬质物撞击，搬运、装卸时应特别注意。



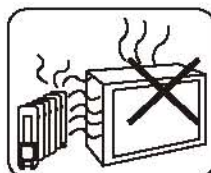
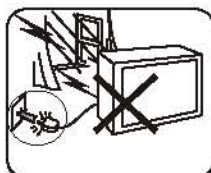
应注意保护好监视器的电源及插头，切勿因拉扯重压使其损伤。



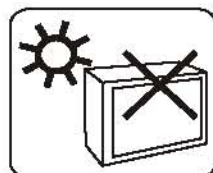
监视器应远离扬声器、电动机、变压器等磁性物品，以免引起彩色异常。



长期外出或停电时请将电源插头拔掉。



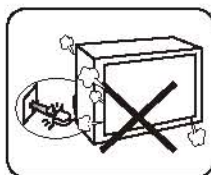
机内温度过高易引起监视器损坏，应保证监视器通风良好，切勿堵塞监视器散热孔。监视器应远离热源(如：暖气、火炉等)处，并避免阳光直射。



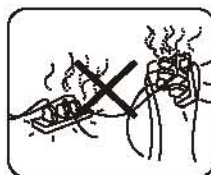
勿用酒精、氨水、稀释剂等清洗监视器表面，若确有需要，请用湿海绵或软布(可加少量中性洗涤剂)拧干后清洗，并切记在清洗前切断电源。

☆注：请勿用有机溶液擦拭显像管。可用清水轻轻擦拭。

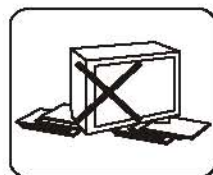
☆注：当从低温状态转到室温(常温)状态时，为防止凝露，请不要打开包装，先搁置2-3小时后，再通电工作。



监视器使用过程中发现异常(如有异味等)或不慎将异物落入机内，应立即关闭监视器并拔出插头，尽快与维修单位联系检修。



应根据监视器的电源消耗功率选择合适的电源插座，勿与其它电器共用插座。



应根据监视器的重量将其放置于有足够强度的支撑台上，并要安放稳定，以免使监视器受到跌落等冲击而损坏。

机型特点

- | | |
|--|-------------------------------------|
| ☐ 数码超级单芯片功能 | ☐ 图像状态变换(四种) |
| ☐ NTSC梳状滤波器 | ☐ 宽电源范围 |
| ☐ 两路视频输入/环通输出,一路S端子输入 | ☐ 智能测光 |
| ☐ 机内温度检测 | |

技术规格

适合制式	视频: NTSC3.58、NTSC4.43、PAL
视频1、视频2端子输入(BNC)	视频1.0Vp-p
S端子接口	亮度信号1.0Vp-p; 色度信号0.7Vp-p
工作电压	220V ~ 50Hz
可视图像对角线尺寸	TM25: 59cm、TM29: 68cm
外形尺寸(宽x深x高)	TM25: 590X553X484(MM)、TM29: 660X568X542(MM)
质量	TM25: 约38KG、TM29: 约48KG
整机消耗功率	TM25: 70W、TM29: 75W

遥控器



注意:

- 1、按住“菜单/待机”键5秒以上可进入待机状态,此指示灯为红色,进入待机后按一下“菜单/待机”键即可正常开机,指示灯为绿色。
- 2、“下移/信源”键在菜单未显示时,作为信源切换的快捷键,依次重复按“下移/信源”键,图像画面将在AV1、AV2、SVHS之间循环切换。

遥控器电池的安裝

打开遥控器背面的电池盒盖,然后按电池盒内所标注的极性相应放入两节7号1.5V电池,最后把电池盒盖盖上。

遥控器的使用

- 1、有线遥控: 将随机所附遥控器连接线一端插入遥控器“有线遥控接口”,另一端连于主机后盖“遥控器接口”,即可操作、调整画面等。
- 2、无线遥控: 不需要连接遥控器“有线遥控接口”,只需要将遥控器对准主机前面的遥控接收窗。若主机与遥控器之间有障碍物,遥控可能会失灵。



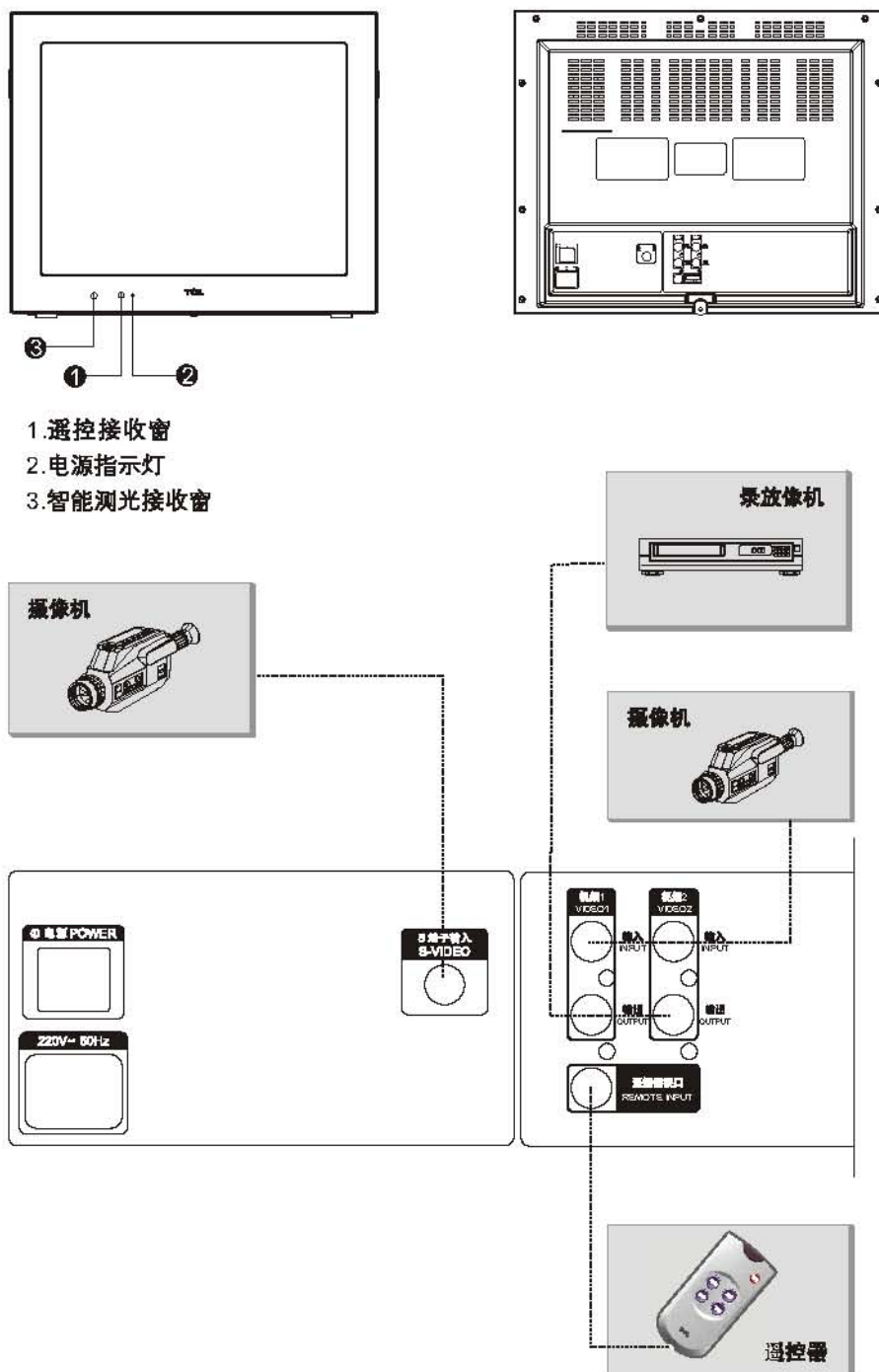
注意:

- 1.为确保遥控器良好的操作性能,如发现操作不正常,请换电池再试。
- 2.不要将新、旧电池或不同型号的电池混合使用。
- 3.电池电力微弱时会发生泄漏电解液现象,这会损坏遥控器。一旦发现电力微弱,应尽快更换电池。
- 4.若长期不使用遥控器,请把电池取出,以免电池泄漏电解液。



连接示意图

以TM29为例：



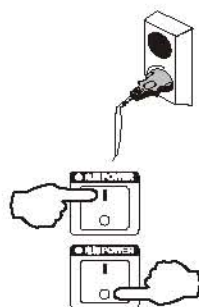
基本操作

首先请将电源线接好。

□ 开机与关机

开机：按下主机后面的电源开关的“|”，即可进入正常工作状态。

关机：在开机状态下，按下主机后面的电源开关的“○”，即可正常关机。



□ 视频功能的使用

将视频信号接入“视频输入”端口，即可正常工作。

☀ 注意：

本机型设有一路SVHS (S端子) 接口，如果您的设备有SVHS接口，请从S端子输入，可获得高画质效果。

AV1

□ 图像调整

按一下“菜单”键，呼出“图像”菜单，接着按“上移”或“下移/信源”键选择要调整项，按“增加/减少”键，对选择项进行增、减操作。

例：调整对比度



☀ 注意：

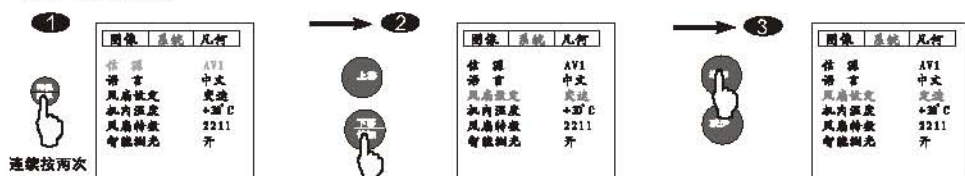
- (1) 色调是在NTSC制式时才出现。
- (2) 对比度是调节画面黑白层次的，适当的对比度使画面清晰明亮。
- (3) 亮度是调节画面的背景亮度，一般与对比度配合使用。
- (4) 色度是调节色彩的鲜艳度（饱和度）的。
- (5) 清晰度是调节画面清晰度的。
- (6) 色温有标准、冷、暖三种模式。
- (7) 彩色制式有AUTO、PAL、NTSC358、NTSC443四种模式。

□ 系统设置

连续按两下“菜单”键，呼出“系统”菜单，接着按“上移”或“下移/信源”键选择要调整项，按“增加/减少”键，对选择项进行切换操作。

注意：“机内温度”和“风扇转速”两项不能进行人工设定，而由系统自动检测显示。

例：风扇设定



信源：有AV1、AV2、SVHS

语言：有中文和英文。

风扇设定：有定速和变速两种模式，当设定为定速时，风扇以最大转速运转，当设定为变速时，风扇的转数随机内温度高低而自动进行变化，当温度较高时，风扇转数变大，反之风扇转数变小。

机内温度：用于实时监测机器机箱内的温度。

风扇转数：用于实时监测风扇的转速，单位为“转数/分钟”。当监测到风扇发生故障时，屏幕会显示报警字样：“风扇故障，请维修！”。

智能测光：有开与关两种状态。当设为开时，画面的亮度会随着周围环境光强弱而改变。反之，则不随环境光变化。

□ 几何设置

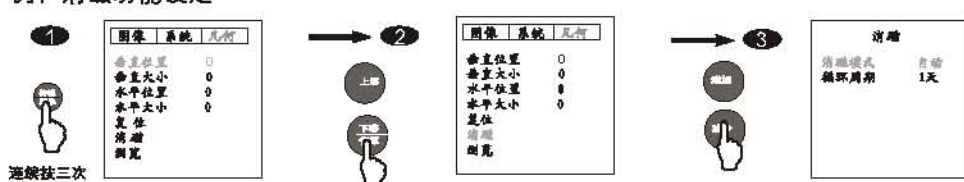
连续按三下“菜单”键，呼出“几何”菜单，接着按“上移”或“下移/信源”键选择要调整项，按“增加/减少”键，对选择项进行调整。

例：水平位置设定



注意：选择“复位”项，按“增加/减少”键后，垂直位置、垂直大小、水平位置、水平大小都回到默认值“0”。

例：消磁功能设定



注意：消磁模式分手动和自动两种功能。在执行自动消磁功能时，循环周期分：1天，2天，5天，10天，20天，30天，60天，90天八种设置可选。

例：浏览功能设定



浏览：当此开关设定为开时，浏览功能才生效。

浏览时间：设定范围3-99秒。

AV1、AV2、SVHS：各有开与关两种状态，需设置至少有两个界面为“开”时，浏览功能才起作用。

注：当需要停止浏览功能，直接按“菜单”键退出，此时屏幕下方会显示“浏览关”，如要重启此功能需要再次进到“浏览”菜单设定。

Contents

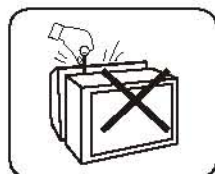
02	Warnings and Precautions
03	Features
03	Specifications
03	Remote Control
04	Connection Illustrations
05	Basic Operations
05	Turning the Unit on/off
05	AV Function
05	Picture Adjustments
05	System Settings
06	Geometry Settings

Packing List

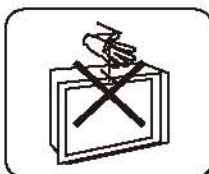
- Main Unit - one set
- Remote Control - one pc, including two AAA-sized batteries
- Operation Manual - one pc (including warranty card etc.)
- Remote Control Cable - one pc

Warnings and Precautions

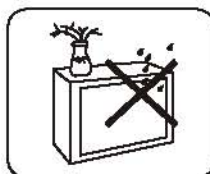
Warnings



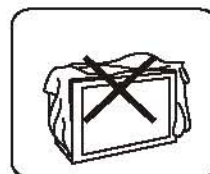
High voltage inside! To reduce the risk of electric shock, do not remove cover (or back). Refer servicing to qualified personnel.



Do not push objects of any kind into the unit as this may cause fire or short circuit and damage the unit.

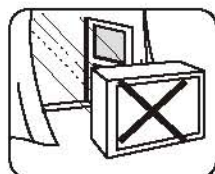


The unit shall not be exposed to dripping or splashing and no objects filled with liquids such as vases, shall be placed on the unit.

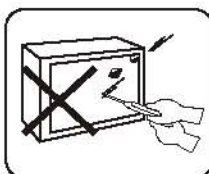


When using the unit, do not cover it with objects which will affect radiation cooling, otherwise radiation cooling may be not good, and the life of the unit may be affected, failure or even fire may be caused. Be sure to unplug the power supply before covering the unit with a mantle.

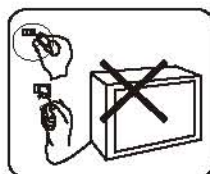
Precautions



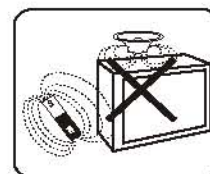
To prevent fire or shock hazard, do not expose the unit to rain, moisture or heavy dust areas.



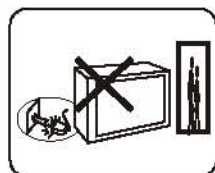
Protect the unit, especially the screen, from being attacked by hard objects. Please take care during transportation and loading/unloading.



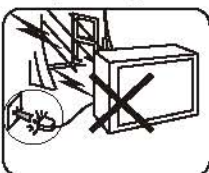
To protect the power cord, do not pull it or press it with excessive force.



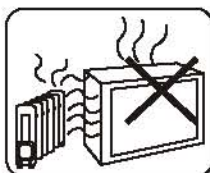
To avoid color abnormality, keep the unit away from the magnetic objects, such as the speaker, electromotor or transformer.



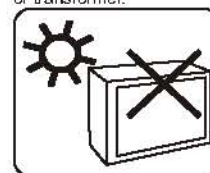
Remove the power plug when the unit will not be used for a long period of time, or when it is thunder or lightning.



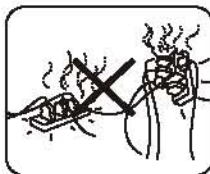
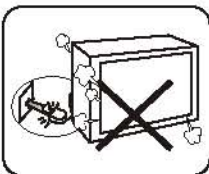
During your operation, if there is something abnormal found, such as strange smell, or if some objects fall into the unit, switch off and unplug the unit immediately and contact the service personnel as soon as possible.



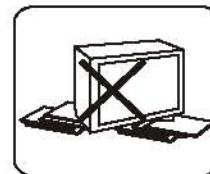
High temperature inside may cause the damage to the unit. Please keep it well ventilated and do not block the ventilation slots and openings. Keep away from heat sources such as stove and radiator and avoid direct sunshine.



Do not use chemicals such as alcohol, ammonia or thinner for cleaning. If necessary, use a piece of wet cloth or sponge with some diluted neutral detergent, wrung dry for cleaning. Be sure to cut off the power before your cleaning.



Use suitable power outlets based on power consumption of the unit. Do not share a power outlet with other electrical appliances.



Place the unit on a platform strong enough for supporting. Keep it stable to avoid falling off and causing the damage.

⚙ Notes: Use water instead of organic solutions to clean the CRT.

⚙ Notes: In case of becoming frozen, do not unpack the unit right after moving from a very cold place to a warmer place. It's recommended to wait for 2 to 3 hours before you turn it on.

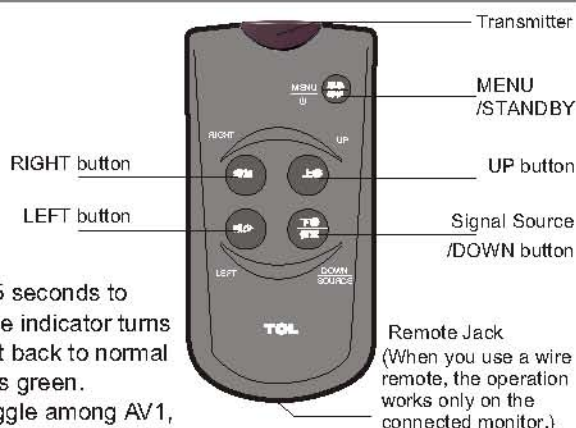
Features

- ☐ Digital Super One Chip Function
- ☐ NTSC Comb filter
- ☐ 2 VIDEO Inputs/LOOP Outputs, 1 S-VIDEO Input
- ☐ Inner Temperature Detection
- ☐ 4 Picture Modes
- ☐ Wide Voltage Range
- ☐ Smart Light Detection

Specifications

Receiving System	VIDEO: NTSC3.58, NTSC4.43, PAL
Video1&Video2 Input (BNC)	Video: 1.0Vp-p
S-VIDEO Input	Y: 1.0Vp-p; C: 0.7Vp-p
Operating Voltage	220V ~ 50Hz
Visible Diagonal Size	TM25: 59cm、TM29: 68cm
Dimensions(WxDxH)	TM25: 590X553X484(MM)、TM29: 660X568X542(MM)
Net Weight	TM25: about 38kg、TM29: about 48kg
Power Consumption	TM25: 70W、TM29: 75W

Remote Control



Notes:

1. Press and hold the MENU/⏻ button for 5 seconds to turn the set into standby mode, where the indicator turns red. Press MENU/⏻ again to turn the set back to normal working mode and the indicator becomes green.
2. Press the DOWN/SOURCE button to toggle among AV1, AV2 and SVHS when there is no menu on the screen and the browse function is deactivated.

Battery Installation

Remove the battery compartment lid from the back of the remote, insert the 2 x 1.5V AAA batteries, paying attention to the polarity, and then replace the cover.

Using the Remote Control

1. **Wire Remote:** Connect one end of the attached remote cable to the jack on the remote and the other end to the remote jack on the rear panel, then you can use this wire remote to adjust menu controls.
2. **Wireless Remote:** No need to connect it with the remote jacks. Point this wireless remote directly toward the infra-red sensor on the unit. If there is an obstacle between the unit and the remote, the remote signal may not be received.

Notes:

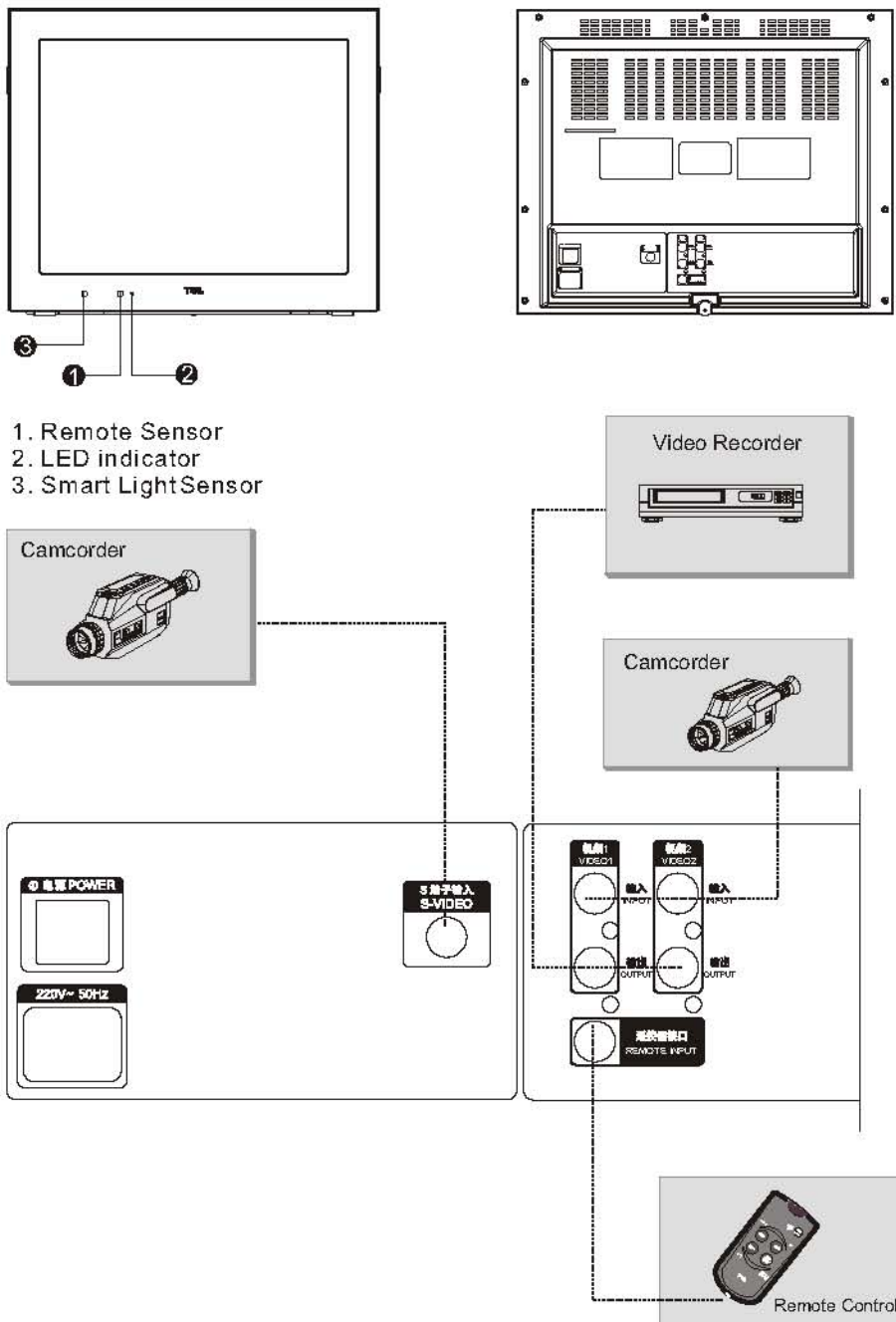
1. For better performance, once you find the operation is abnormal, please replace the batteries and have a try again.
2. Do not mix old and new batteries or different types.
3. When the batteries are to be exhausted, battery leakage may occur and cause the damage to

the remote. When the operation is not sensitive enough, the battery may be low, so please change batteries immediately.

4. If the device is not to be used for a long period of time, remove the batteries to prevent damage or injury from possible battery leakage.

Connection Illustrations

Take Tm29 for an example:



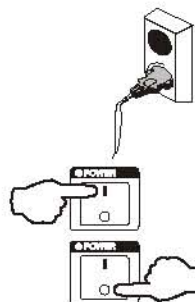
Basic Operations

Connect the power cord first.

□ Turning the Unit on/off

Turning on: Press the "I" on the POWER button of the rear panel to turn on the unit, then it goes to the normal working status.

Turning off: Under the working status, press the "O" on the POWER button of the rear panel to turn the unit off.



□ AV Function

Connect the video signal source to the VIDEO input jacks, then the unit will start working.



Note:

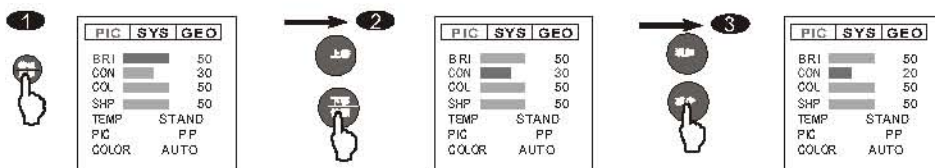
There is an SVHS (S-VIDEO) input jack on the unit. If your apparatus has an SVHS jack, you can connect it to the S-VIDEO input jack to achieve the high quality pictures.

AV1

□ Picture Adjustments

Press MENU on the remote once and the PICTURE menu appears on the screen. You can press UP or DOWN/SOURCE to scroll through the features and use LEFT/RIGHT to adjust.

Take CONTRAST adjustment for an example:



Notes:

1. HUE is available only in NTSC mode.
2. CON(contrast) adjusts the difference between the black and white parts of the picture.
3. BRI(brightness) is used to brighten the darkest parts of the picture. Usually it is adjusted together with CON setting.
4. COL(color) is used to add or reduce color.
5. SHP(sharpness) improves picture details.
6. TEMP(color temperature) includes 3 modes: STAND, COLD and WARM.
7. COLOR(color system) includes 4 modes: AUTO, PAL, NTSC358 and NTSC443.

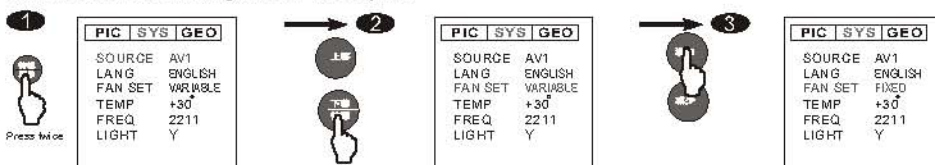
□ System Settings

Press MENU on the remote twice and the SYSTEM menu appears on the screen. You can press UP or DOWN/SOURCE to scroll through the features and use LEFT/RIGHT to adjust.



Note: TEMP and FREQ are un-highlightable. Their data are system detected.

Take FAN SET setting for an example:



SOURCE: AV1, AV2, SVHS

LANG(language): CHINESE, ENGLISH

FANSET: Two modes of VARIABLE and FIXED. When set to FIXED, the fan runs at the highest speed. When set to VARIABLE, the fan runs with inside temperature. The higher temperature, the faster it runs. Contrarily, the lower temperature, the slower it runs.

TEMP(temperature): To tell the real temperature inside the unit.

FREQ (frequency): To tell the fan's real speed per minute.

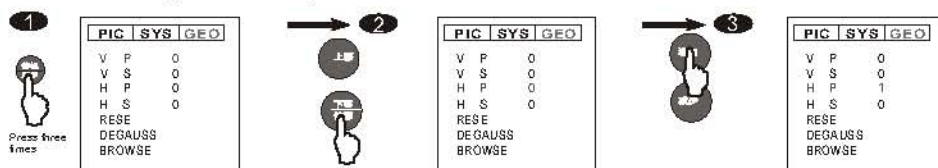
LIGHT: When set to Y, the brightness of picture varies with the ambient light.

 Note: When you see "ERROR" appears on the screen, the fan should go wrong and you should have the unit fixed.

□ Geometry Settings

Press MENU on the remote three times and the GEOMETRY menu appears on the screen. You can press UP or DOWN/SOURCE to scroll through the features and use LEFT/RIGHT to adjust.

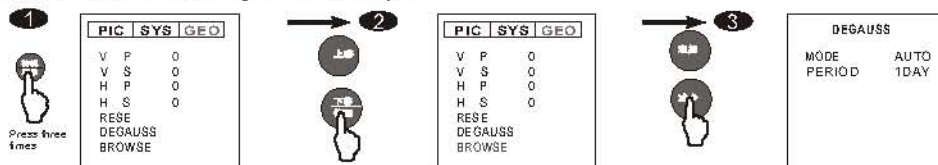
Take H P setting for an example:



 Notes:

If you want to restore V P, V S, H P and H S to the default 0, just press UP/DOWN to select RESE and press LEFT/RIGHT.

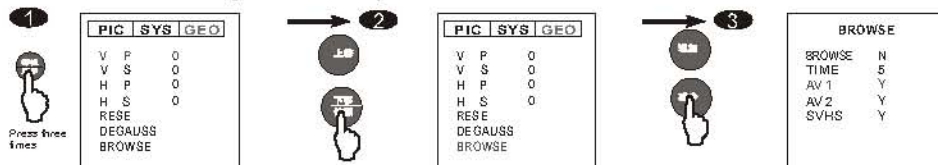
Take DEGAUSS setting for an example:



 Notes:

There are two degauss modes: Auto and Manual. If you perform the auto function, you can select a period among 1 day, 2 day, 5 day, 10 day, 20 day, 30 day, 60 day and 90 day.

Take BROWSE setting for an example:



BROWSE: Only when set to Y, the browse function works.

TIME: The time can be adjusted from 3 to 99 seconds.

AV1, AV2, SVHS: Can be set to Y or N. Only when two channels at least are set to Y, the browse function can take effect.

 Note:

When you want to stop the browse function, press MENU to exit directly and then "BROWSE OFF" appears on the screen. If you want to activate this function again, enter the BROWSE menu to make menu controls.