

Chapter 3

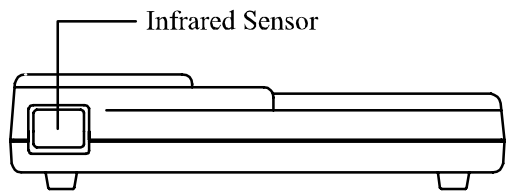
Using the AVerKey300

This chapter will show you how to use the *Remote Control Unit* and *Touch Button Control Panel* of the AVerKey300. At the end of this chapter, you will find details on using the special highlighting and zoom functions of the AVerKey300.

Using the Remote Control

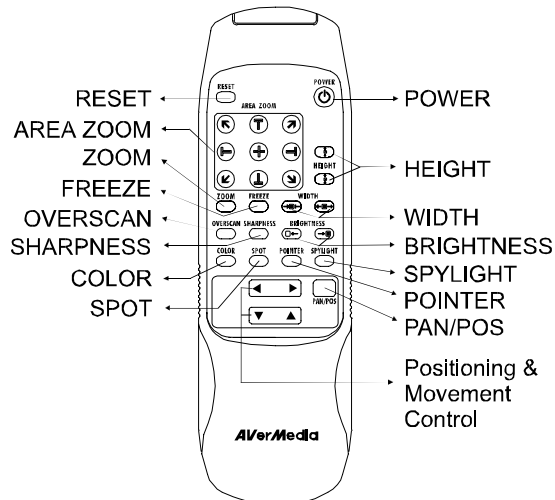
To use the remote control, first insert the batteries (2 size “AA” batteries are provided) into the battery compartment at the back of the remote.

The *Infrared Sensor* is located at the front panel of the AVerKey300 (see figure below). While using the remote, aim it at the infrared sensor.



AVerMedia AVerKey300 Front Panel

The figure and descriptions on the following pages show you how to use the remote control.



- POWER** : Switches the AVerKey300 on/off.
- RESET** : Restores the AVerKey300 to original factory settings.
- AREA ZOOM** : Provides quick selection of the screen area to magnify.
- The *Area Zoom* function divides the computer image on the TV into 9 parts and allows you to select the desired part to zoom.
- Refer to the section, *Different Types of Zoom*, for more details.
- ZOOM** : Press this button to zoom in or out of the computer image on TV.
- FREEZE** : Press this button to freeze or unfreeze the computer image on TV.



OVERSCAN : Toggles between *Underscan* and *Overscan*.

Overscan displays the computer image on TV to the fullest. The image will be chopped off at the borders when displayed this way.



When you switch to *Underscan*, the computer image will be completely displayed on TV.


Note: Images will not be chopped off for resolutions up to 1280 x 1024(PC) in underscan mode.

SHARPNESS : This button is a cyclic switch which, when pressed successively, alternates with 7 levels of sharpness. Press this button repeatedly until you find the level of sharpness you want.


HEIGHT  : Press  to enlarge the height of the computer image on TV.

HEIGHT

 : Press  to reduce the height of the computer image on TV.


WIDTH : Press  to enlarge the width of the computer image on TV.



Press  to reduce the width of the computer image on TV.

BRIGHTNESS : Press  to decrease the brightness level.



Press  to increase the brightness level.

There are 4 brightness levels to choose from.

PAN/POS : Toggles between **PAN** and **POS** modes.

When you switch to **PAN** mode, pressing the **Positioning & Movement Control** buttons will allow you to move around the computer image on TV.

When you switch to **POS** mode, pressing the **Positioning & Movement Control** buttons will allow you to change the position of the computer image on the TV. You can move the image left, right, up, or down.



COLOR : This button is a cyclic switch which, when pressed successively, alternates with 8 types of colors. This button allows you to change the color of the *Pointer* and the frame surrounding the area highlighted by *AVerMedia Spot*.

Refer to the section, *Special Highlighting Functions*, for more details.

SPOT : Press this button to highlight a certain area in your presentation. The highlighted area will be surrounded by a colored frame and areas outside the frame will look dark. (Refer to the section, *Special Highlighting Functions*, for more details.)

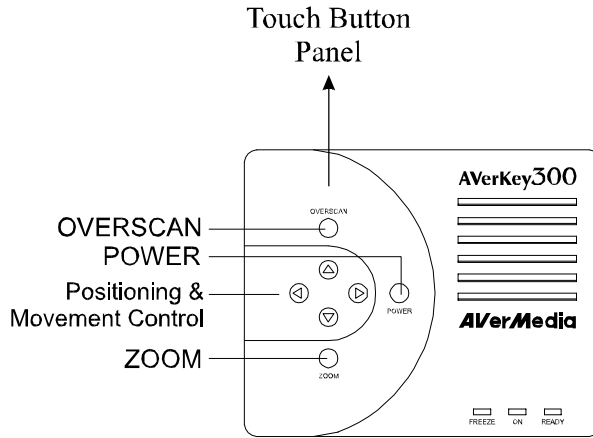
POINTER : This button functions just like a laser pointer. (Refer to the section, *Special Highlighting Functions*, for more details.)

SPYLIGHT : Press this button to highlight certain areas of your presentation and darken the rest. (Refer to the section, *Special Highlighting Functions*, for more details.)

Positioning and Movement Control   : Use these buttons to :
 * Move around the computer image on TV.
 * Change the position of the image.
 * Move the *Pointer* to another area on-screen.
 * Highlight other areas on the screen.

Touch Button Panel

The figure and descriptions below show you how to use the *Touch Button Panel* on the hardware case.

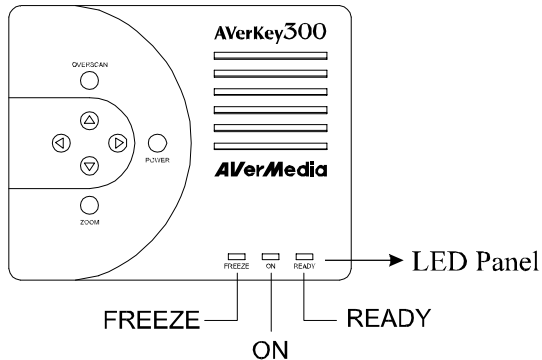


- POWER** : Switches the AVerKey300 on/off.
- OVERSCAN** : Toggles between *Underscan* and *Overscan*. (Refer to the section, *Using the Remote Control*, for more details on this function.)
- ZOOM** : Press this button to zoom in or out of the computer image on TV.
- Positioning & Movement Control** : Use these buttons to :
- * Move around the computer image on TV.
 - * Change the position of the image.
 - * Move the *Pointer* to another area on-screen.
 - * Highlight other areas on the screen.

The LED Panel

Aside from the touch button panel, you will also find an *LED Panel* on the AVerKey300 hardware case.

The figure and descriptions below show what each LED indicator in this panel represents.



FREEZE : This LED shows whether FREEZE or UNFREEZE is in operation. (FREEZE is a red LED in the NTSC version and a green LED in the PAL version.)

If this LED is on, it means that the user has paused, that is, frozen the screen.

ON : This (green) LED is the power on/off indicator. If this LED is on, it indicates that the AVerKey300 has been powered on.

READY : If this (red) LED is on, it indicates that the AVerKey300 is ready for use.

Special Highlighting Functions

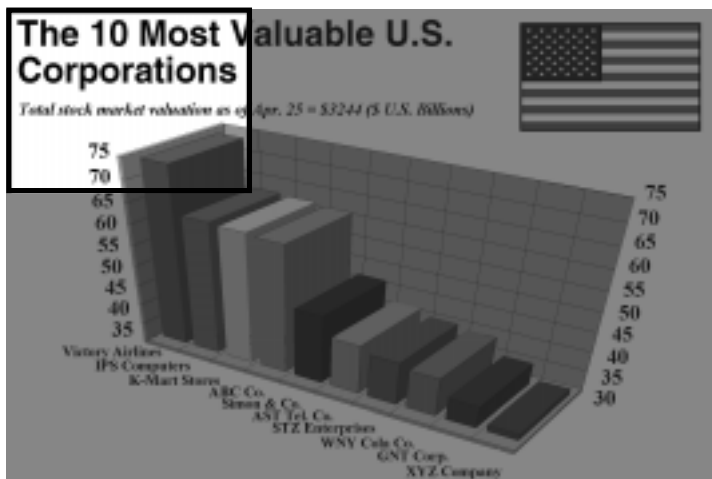
The AVerKey300 provides 3 special functions for highlighting key points in any presentation : *AVerMedia Spot*, *AVerMedia Pointer* and *AVerMedia Spotlight*. You can use these functions by pressing the corresponding buttons on the remote control.

AVerMedia Spot

To highlight a certain area in your presentation, press the **SPOT** button on the remote.

A colored frame will appear around the highlighted area and the rest of the image will be darkened. The highlighted area will appear as if there is a "spotlight" directed on it. The figure below shows an illustration.

Highlighted Area



Changing the Size of the Highlight

You can adjust the size of the "spotlight", that is, the highlighted area. Use the **WIDTH** and **HEIGHT** buttons to create a highlight as large as 1/4th of your screen or as small as 1/64th of your presentation screen.

Changing the Color of the Frame

Use the **COLOR** button to select a color for the frame. There are 8 colors to choose from.

Changing the Highlight

To highlight another area in your presentation, use the **Positioning and Movement Control** buttons. Press the Up, Down, Left, and Right Arrows to direct the "spotlight" to another area.

AVerMedia Pointer

AVerMedia Pointer is very similar to the laser pointer. It is a 4 x 4 pixel square which lets you direct your viewer's attention to key areas in your presentation.

To point on a key area in your presentation, press the **POINTER** button on the remote. The figure below shows an illustration.



Extending the Point into a Line

If you have a very large audience, the *Point* on your presentation screen might not look obvious and clear enough. You can extend the *Point* into a *Line* :



Use the **WIDTH** buttons to extend the point into a line or change the line back into a point. At most, you can lengthen the line up to the full extent of your screen width.

Moving the Point (or Line)

Use the **Positioning and Movement Control** buttons to move the point (or line) up, down, left and right.

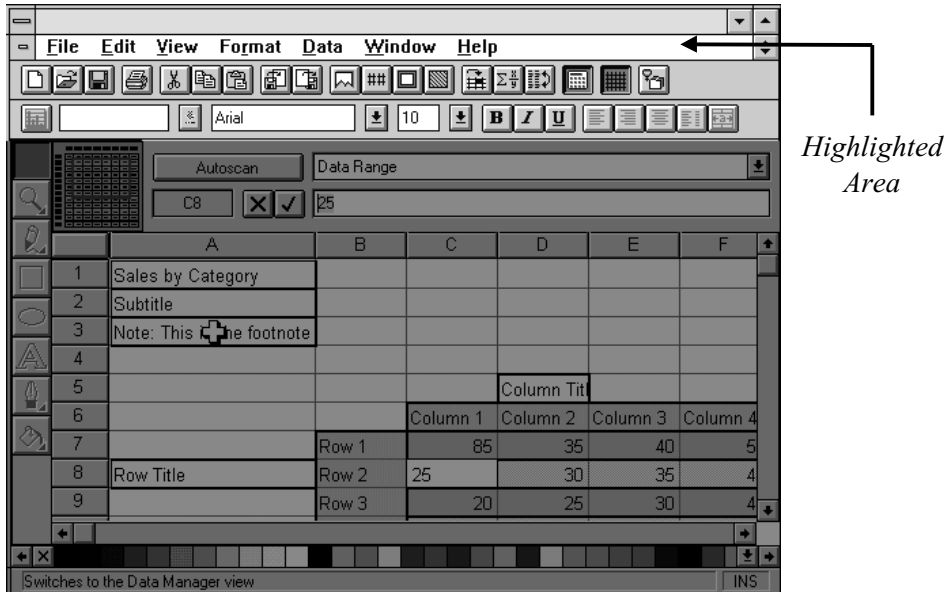
Changing the Color

Use the **COLOR** button to select a color for the point (or line). There are 8 colors to choose from.

AVerMedia Spylight

Using *AVerMedia Spylight* resembles the way you highlight parts of your presentation with an overhead projector. With Spylight, you can highlight any portion you want and "cover" the rest by darkening areas which you do not want to show to your audience.

When you press the **SPYLIGHT** button for the first time, the upper part of your presentation screen will be highlighted :



Highlighting Areas Horizontally and Vertically

You can use the **Positioning and Movement Control** buttons to slowly "expose" the rest of your presentation screen to your audience.

Press the Left, Right, Up, and Down Arrows to highlight more areas to the left, right, top, and bottom. Press the same buttons to "cover up" more portions of the screen and reduce the highlighted area.

Example 1 :



The entire top area is highlighted.



To extend the highlight downwards, press the DOWN Arrow.



Example 2 :



Most of the left part of the screen is highlighted.



To extend the highlight to the right, press the RIGHT Arrow.





To reduce the highlight to the left, press the LEFT Arrow.



To reduce the highlight upwards, press the UP Arrow.

Different Types of Zoom

The AVerKey300 provides 4 types of zoom : *Normal Zoom*, *AVerMedia Area Zoom*, *AVerMedia Spot-Zoom*, and *AVerMedia Pointer-Zoom*.

Normal Zoom

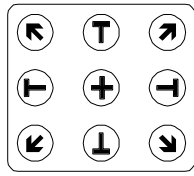
Normal Zoom allows you to zoom in (200%) the computer screen on TV display. Simply press the **ZOOM** button on the remote control.

You can move (pan) around freely to any part of the screen. Press the **PAN/POS** button to change to PAN mode. Then, press the Up, Down, Left, and Right Arrows, which are the **Positioning and Movement Control** buttons, to move around the zoomed image.

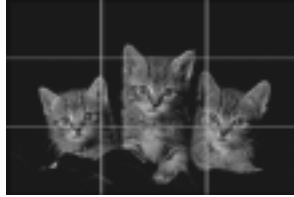
AVerMedia Area Zoom

This function divides your screen into 9 parts and allows you to select the desired part to zoom through the available buttons on the remote control.

The directional buttons on the remote corresponds to 9 parts of your screen :



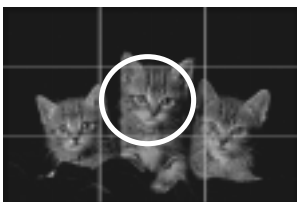
*Directional Buttons
on the Remote Control*



9 Parts of the Screen

Choose which part you want to zoom, and then press one of the 9 directional buttons on the remote that corresponds to that area.

Example :



To pan around the zoomed area, press the **PAN/POS** button to change to PAN mode. Then, press the Up, Down, Left, and Right Arrows, which are the **Positioning and Movement Control** buttons, to move around the zoomed area.

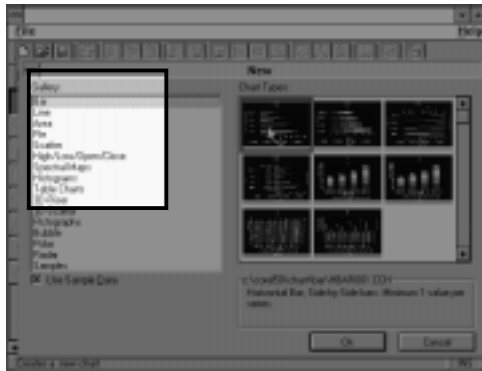
AVerMedia Spot-Zoom

As described earlier in the section, *AVerMedia Spot*, under *Special Highlighting Functions*, you can highlight a certain area in your presentation by pressing the **SPOT** button.

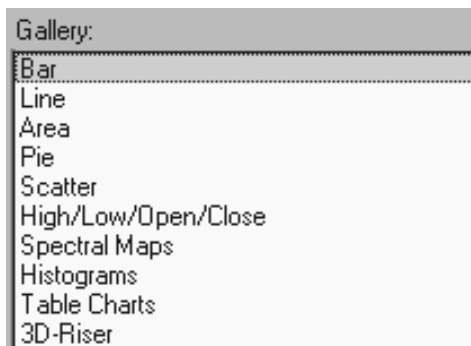
After pressing the **SPOT** button, press **ZOOM** if you want to enlarge the highlighted area inside the colored frame. (Refer to the figure on the next page.)

To shift the focus of the zoomed area, press the Up, Down, Left, and Right Arrows, which are the **Positioning and Movement Control** buttons.

AVerMedia Spot-Zoom Function



*Press the **SPOT** button to highlight an area.*



Then, press the **ZOOM** button to enlarge the highlighted area.

AVerMedia Pointer-Zoom

After you press the **POINTER** button to point on a key area in your presentation screen, press the **ZOOM** button to magnify the area where you are pointing to.

(AVerKey300 only supports AVerMedia Spot-Zoom and AVerMedia Pointer-Zoom functions for VGA resolutions up to 1024 x 768)