

# DynaScan

## ISC User Manual

Edition 2



## Table of Contents

1	ISC Box.....	3
1.1	ISC Panels.....	3
2	ISC Menu Operation.....	5
2.1	Select the Screen to Change.....	6
2.2	Menu Setting.....	6
2.3	Video Input function.....	10

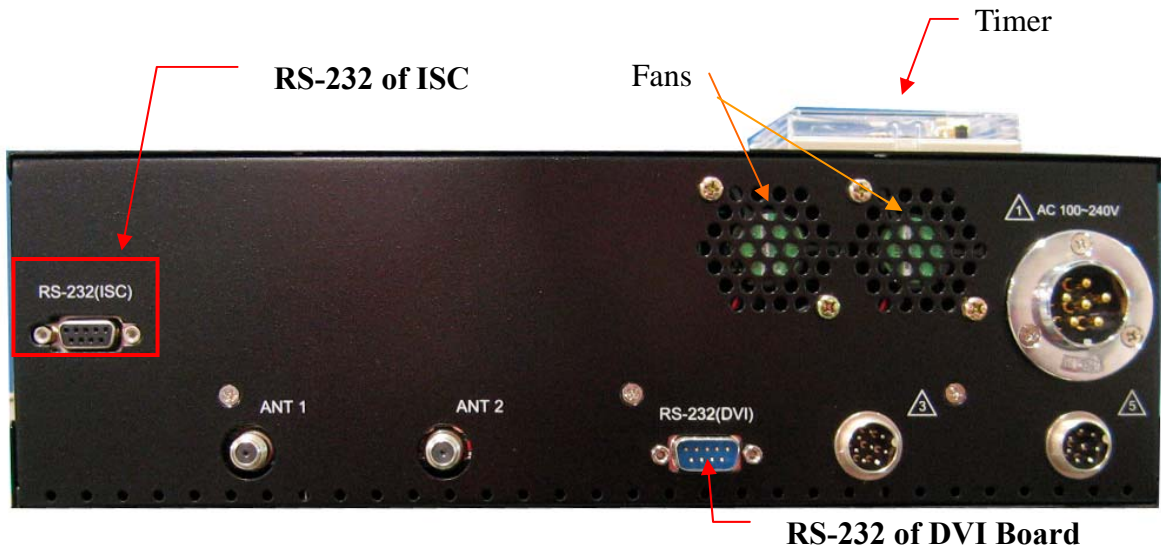
# 1 ISC Box

The ISC box contains two Panels, System and Connection Panels.

The System control Panel is for you to connect the power cable and setup the timer for preset ON/OFF time. The connection Panel is for connection of external devices.

## 1.1 ISC Panels

### 1.1.1 System Panel

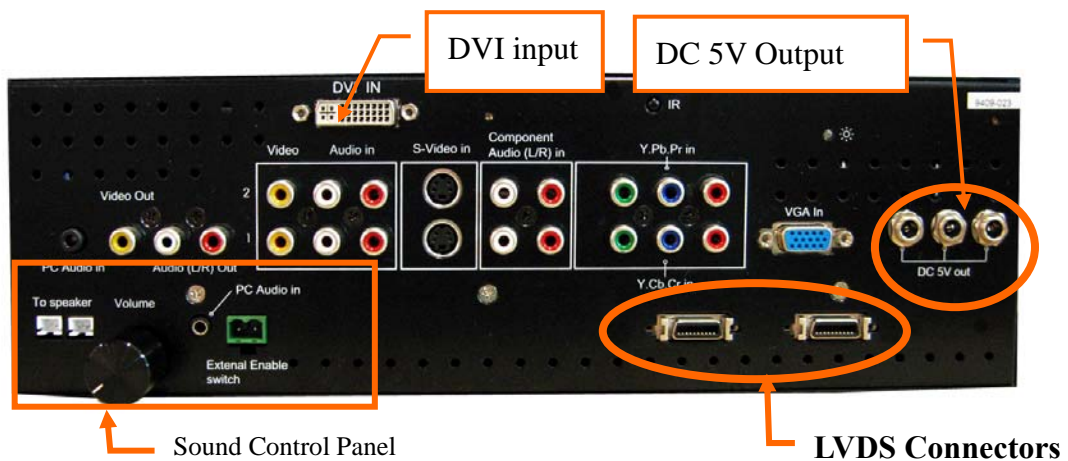


The function of each device on the system control panel is as above.

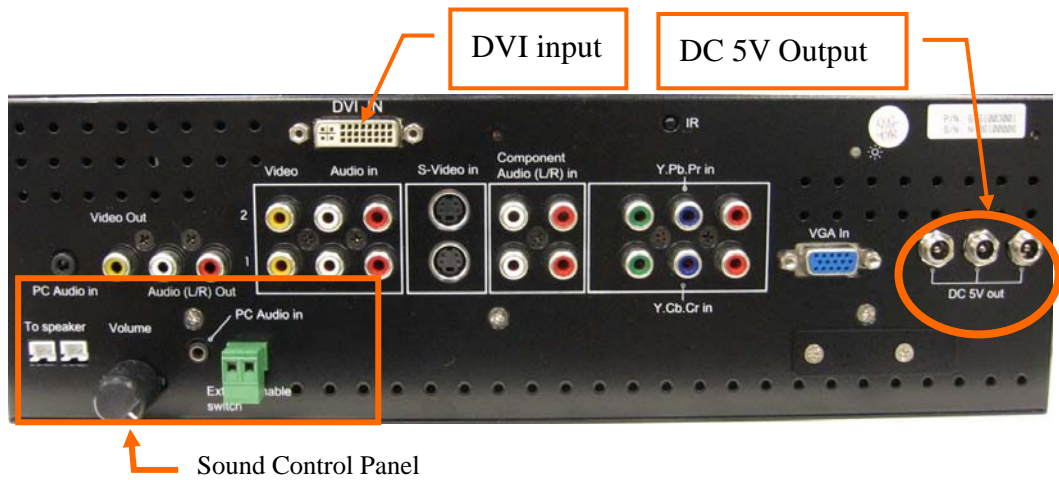
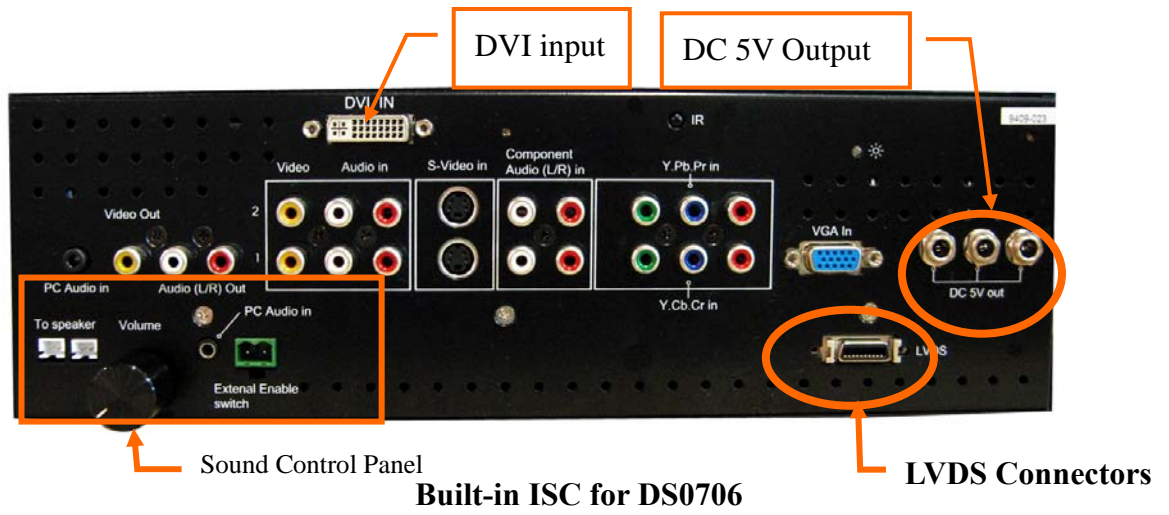
### 1.1.2 Connection Panel

The panel contains AV signal input and output connectors, the Sound control panel, LVDS output connectors. The Sound Panel contains two Speaker output (L/R), Volume control, External enable switch, and line in. The LVDS connectors provide video output to Display.

The ISC Box contains the connection panel. The external multimedia device with DVI interface, for example a computer, can be connected to the DVI input.

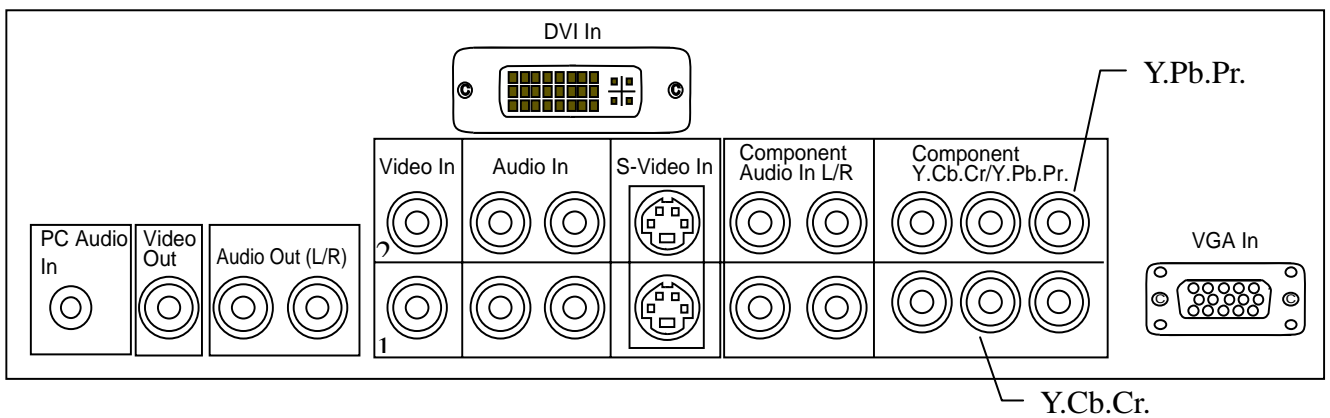


**Built-in ISC for DS0808**



### 1.1.3 AV Signal Input & Output

The Connection Panel showing as following provides singles input and output.



**!** Note. Composite Video and S-Video In share the Composite Audio in.

# 2 ISC Menu Operation

## ISC Remote Control



Note. Functions of other buttons not described here are reserved or unused.

## 2.1 Select the Screen to Change

To adjust the setting of the ISC, you need to use the remote control to select your target window to change first.


Please follow the instruction,

- First, in the PBP mode (default mode), twin views, you need to press the **MENU** button to open the Setting Menu
- Second, use cursors left or right to select the Display mode
- Third, Use cursor **Down (CH-)** move the light bar to “Menu Select”
- Fourth, Press **Enter** to activate (Light bar becomes brown) and use **LEFT (VOL-)** and **RIGHT (VOL+)** to change the setting. There are two screen to choose, “Main or Sub”
- Fifth, press enter to go back (Light bar becomes blue)

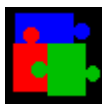
As for other setting, the way is the same. Use cursors to move the light bar. Press Enter to activate setting or go back. Use left or right to change.

To save, press the **PWR** buttons to power off the ISC and the setting you made will be saved

Finally, press the **PWR** buttons to power on the ISC. You will find the setting saved as previous actions.

 Note. For Tuner Inputs, you can't switch the two screens by swapping.


## 2.2 Menu Setting



### *Video and Audio adjustment*

#### Steps

1. Press “**Menu**” to open the setup menu
2. Press cursor **UP (CH+)** and **Down (CH-)** to move the light bar
3. Press **ENTER** to activate the setting
4. Press cursor **LEFT (VOL-)** and **RIGHT (VOL+)** to change setting
5. Press **ENTER** to go back

 Note. You can set different image settings (Brightness and Contrast) for each source, but the color setting change will be applied on every source.

Menu items	Mode	Instruction
<b>Image</b>	Brightness	Press Right (Vol+) to increase, and left (Vol-) to decrease the value
	Contrast	
<b>Audio</b>	Volume	
<b>Color</b>	R	
	G	
	B	

Note. For the best image quality, please don't adjust the sharpness.





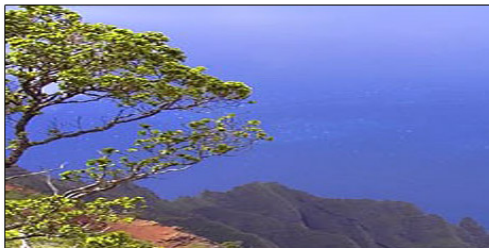
## Display mode adjustment

<b>Display Mode</b>	1. Single
	2. PBP
	3. PIP
	4. POP
	5. WPOP

### Steps

To change the Display mode of the selected screen, you can press **POP** button on the remote control to switch between four modes, PBP, POP, WPOP, Single, or change it according to the instruction as below. If you want to switch to PIP mode, just press the PIP button.

1. Press “**Menu**” button to open main menu
2. Use right cursor to move to Display mode
3. Press **Enter** to activate the setting (Light bar becomes brown)
4. Press Cursor Left or Right to change mode.
5. Press **Enter** to go back



1



2



3



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## ***PIP Adjustment***

You can adjust the Small screen's size and position by using the remote control.

To adjust size, you need to switch to the small screen and press the button ( + ) ( - ) to enlarge or shrink the screen.

To change the position,

1. You need to press **Menu**
2. Switch to **Display mode**
3. Move to the **PIP H Position** (Horizontal) or **PIP V Position** (Vertical) and press **Enter**
4. Press Cursor Right and Left to move the position

## ***Aspect Ratio***

You can change the screen aspect ratio by pressing the WIDE button on the remote control. There are four modes to choose, **Full** for full Screen, **16:9** for 16:9 screen ratio, **4:3** for 4:3 screen ratio and **Native** for the DS0706L screen ratio. If you use PC with AP3 to be the source, you need to choose Full to get the best quality. As for other sources, you need to choose **Native**. Native is the default Setting for DynaScan. display.



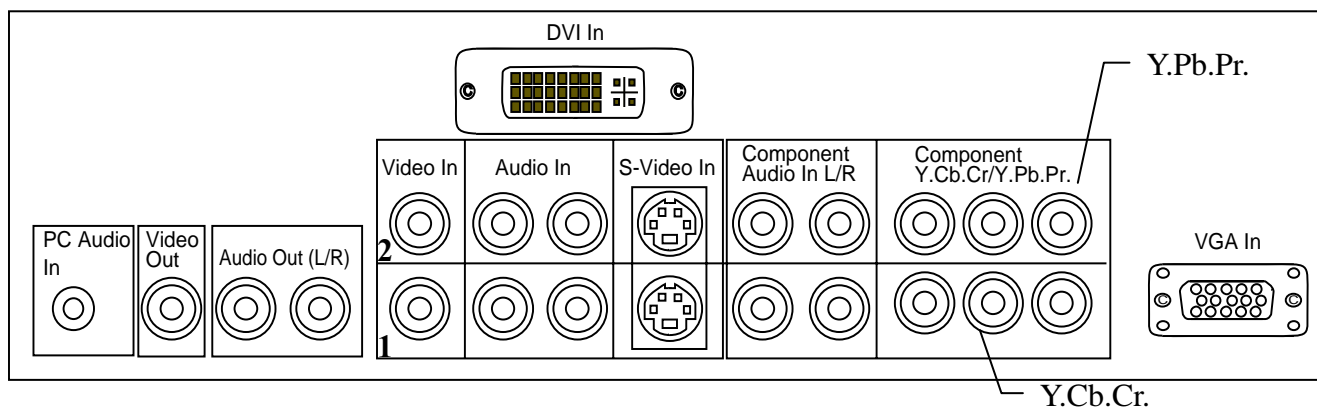
## Source Select

In PBP, PIP, POP, and WPOP mode, you can choose different sources to be the Main and Sub source. However, only four sources, PC, DVI, Y.Cb.Cr and Y.Pb.Pr cannot be showed at the same time. You need to select those four sources to collocate with S-Video1&2, Video1&2 and TV. In other words, VGA, DVI, Y.Pb.Pr, and Y.Cb.Cr. can't be displayed side by side.

1. Press Menu to open the setup menu
2. Press Cursor right to select the Display mode
3. Press Cursor down to move the light bar to Main or Sub
4. Press **Enter** to activate (Light bar becomes brown) and use left and right to change the setting.
5. There are nine sources for you to choose

Source List	
Main	VGA
	DVI
	S-Video1
	S-Video2
	Video1
Sub	Video2
	Y.Pb.Pr
	Y.Cb.Cr
	CATV

Or you can change the selected Screen's source by press TV, VIDEO, COMP, and PC to switch.  
 VIDEO=Switch within four video sources, S-Video1&2 and Video 1&2  
 COMP=Switch between two component sources, Y.Cb.Cr., and Y.Pb.Pr.;  
 PC= Switch between DVI and VGA



**Note.** A=2, and B=1. Ex. Video A (Panel)= Video 2 (ISC Menu); Video B (Panel)= Video 1 (ISC Menu)

## CATV Channels Scan

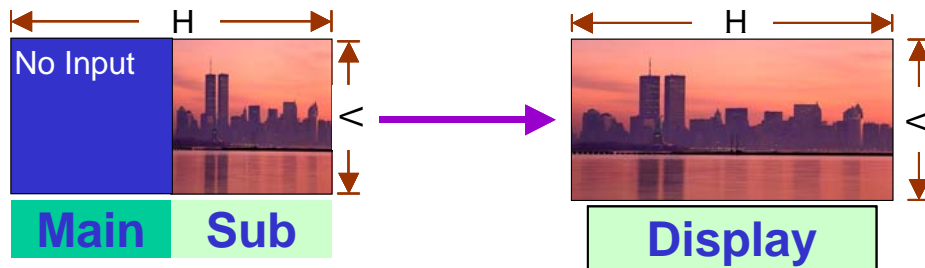
Before start use CATV as source, you need use the “CH Scan” to search the existed Channels. To do “CH Scan”, move to CH Scan of TV SET page and press enter and then press Cursor Right.

## Restore setting:

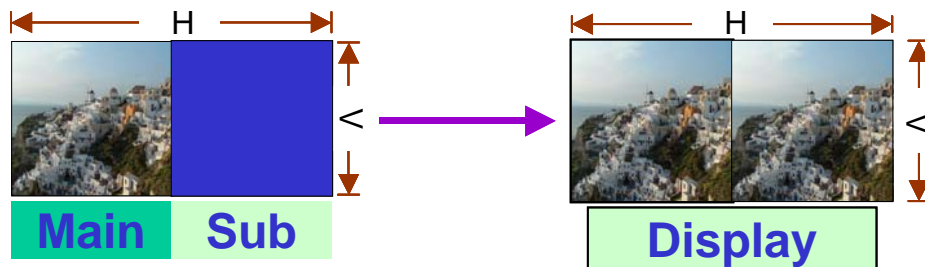
1. Make sure the ISC is power off with power connected.
2. Press menu button of remote control and then press the power button within **two seconds**.
3. After reboot the ISC, The Default values as following will be restored.
  - Contrast: 51
  - Brightness: 64
  - RGB: R=0, G=0, B=0 (DS0706, DS0716: R:-13, G=0, B=0)
  - Volume: 63
  - Display mode: PBP (Picture By Picture, Picture on Picture side by side)
  - Main source: S-Video 1 (source B) (from CF Player)
  - Sub source: S-Video 2 (source A) (from CF Player)

## 2.3 Video Input function

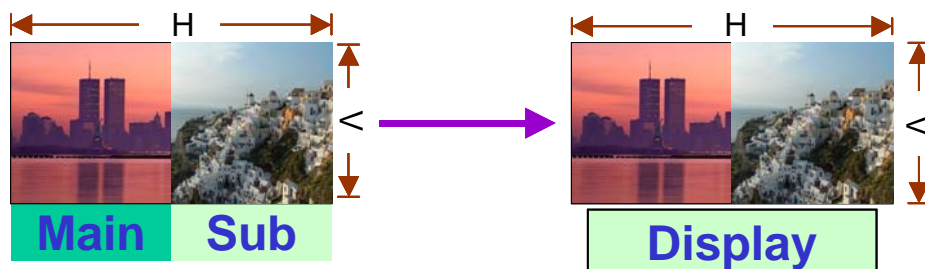
When the display receives only one Input from Sub source, the display will expand the image and show a wide screen



When the display receives only one Input from Main source, the display will clone the image and show two identical screens.



When the display receives two Inputs from Main and Sub source, the display will show two different screens.



Note. If “No Input” (All Blue), “No Media” (All white) or the video input is all single Color lasting for more than 15 Sec, the other video input will be duplicated or extended.