

# LCD TV BOX

## User Manual

**REV: 2.00**

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# Chapter 1 - Brief introduction

The LCD TV Box is an excellent combination of PC and TV system. Enhance your PC system as a home theater, in the era of monitor display change to flat panel TFT LCD; This LCD TV Box provides the most easy way to have higher resolution of TV receiving, yet still maintain your PC system's flexibility and productivity while viewing the TV display on the LCD monitor.

## **No driver & application installation, watch TV instantly**

Directly connect with monitor, no driver & application installation, no need to open host for TV watching;

## **More stunning and clear picture**

Digital chip furnishes more stunning picture. Support multiple resolutions up to 1280\*1024@60HZ, no flicker and eye protection, multiple I/O source and 3D motion adaptive de-interlace technology, let you enjoy a truly home cinema.

## **Watch TV with or without power on the PC system**

The LCD TV box allows the user enjoy the TV program even no need to power on the PC system, fancy remote controller provides full functions control.

## **Moveable Picture-in-Picture(PIP), allows user watching TV and working with PC at the same time**

Moveable PIP function, user can surfing the internet while watching the TV, no CPU occupancy.

# Specification

## A. Video System

TV format	NTSC, PAL
Resolution	800x600@60, 75Hz
	1024x768@60, 75Hz
	1280x1024@60Hz

## B. I/O Connectors

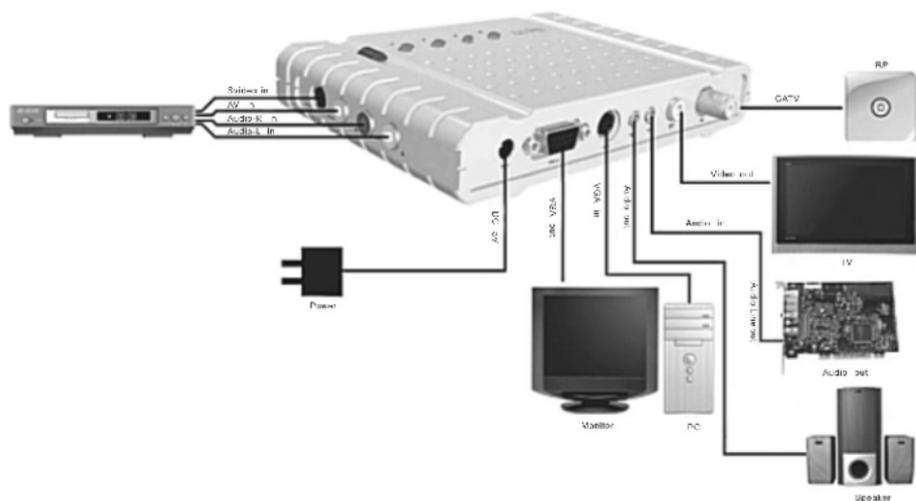
RF	75 ohm, F or PH type. TV RF/antenna input.
VIDEO OUT	RCA connector. Video output to TV or AV equipment.
AUDIO IN	3.5mm phone jack. Audio input from PC.
AUDIO OUT	3.5mm phone jack. Audio output to stereo amplifier.
VGA IN	Mini-DIN connector. VGA input from PC.
VGA OUT	D-SUB connector. VGA output to LCD/CRT monitor.
POWER	DC power input.
S-Video in	Mini-DIN connector. “S-Video” video and audio input.
AV in	RCA connector. “Composite” video input.
Audio-R/L in	RCA connector. “Composite” audio input.

## C. Package Contents

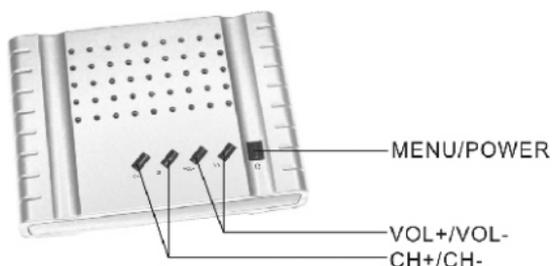
- 2.1. LCD TV Box Main Unit
- 2.2. Remote Control Unit
- 2.3. Power Adapter
- 2.4. VGA Cable (for VGA IN connection)
- 2.5. Audio Cable
- 2.6. Battery for Remote Control Unit
- 2.7. User Manual (The one you are reading)

## Chapter 2 - User Guide

### 2.1 Illustration for installation & wire connections

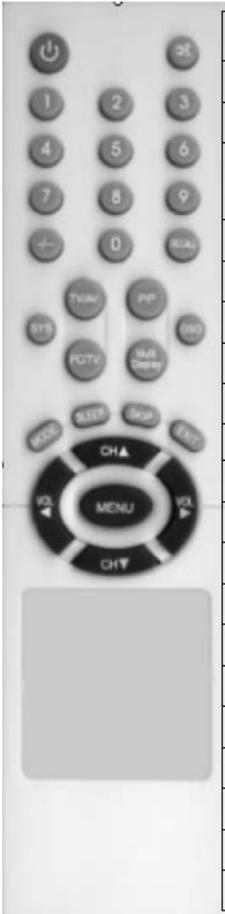


### 2.2 Top control panel



Item	Description
CH+/CH-	<ul style="list-style-type: none"><li>▪ Increase/decrease TV channel.</li><li>▪ On the OSD menu, these buttons serve as up/down buttons.</li></ul>
VOL+/VOL-	<ul style="list-style-type: none"><li>▪ Increase/decrease volume level.</li><li>▪ On the OSD menu, these buttons serve as right/left buttons or confirm the selection.</li></ul>
MENU/POWER	<ul style="list-style-type: none"><li>▪ Press and hold down for 3 seconds to turn on and off the TV Box.</li><li>▪ Press once to pop up the OSD menu, press again to exit.</li></ul>

## 2.3 Illustration for remote control keys



	Function description
Power	Standby key
Mute	Mute key
0-9	Number key: press to select relative channel directly
-/--	Key for single/double-digit channel No.
Recall	Return last channel
TV/AV	Switch key about input source
PIP	Open/close PIP function
PC/TV	Switch key between PC and TV mode
Multi Display	“TV wall” mode
SYS	System settings key
OSD	Pop up the OSD menu
Mode	Select resolution
Sleep	Setting time standby
Skip	Skip TV channel setting
Exit	Close the OSD or exit operation menu
Menu	Display operation menu
CH+	Increase current TV channel
CH-	Decrease current TV channel
VOL+	Increase volume level
VOL-	Decrease volume level

## 2.4 OSD function description

PIC	PICTURE	BRIGHT	Setting Image bright degree
		CONTRAST	Setting Image contrast degree
		SATURATION	Setting Image saturation degree
		HUE	Setting Image Hue degree
		SHARPNESS	Setting Image sharpness degree
	SOUND	VOLUME	Adjust Audio Out volume
		MUTE	Audio Out volume mute/unmute
		BALANCE	Adjust Audio Left or right track Out volume
	ADVANCED SETTING	NOISE REDUCTION	3 degrees adjust image noise reduction
		BLACK LEVEL	2 degrees adjust image black level
		CHANNEL SURF	4,9,16 video division of TV wall mode
		PIP MODE SET	4,9,16 video division of PIP mode
		PS-GAME	2 statuses about support PS2 game. If "ON", you can get well quality image when playing PS2 game.
TUNE	CURRENT CH	Display current TV channel	
	EXCHANGE CH	Change the current channels sequence list	
	EXCHANGE SAVE	Save the adjusted channels sequence list	
	SKIP	Skip/no skip current TV channel	
	FINE TUNING	Adjust current TV signal quality	
	AUTO SCAN	Auto process of scanning TV signal	
	MANUAL SCAN	manual process of scanning TV signal	
SYS	TV SYSTEM	NTSC\PAL system standard setting	
	BLUE SCREEN	Background color is blue when no signal input	
	RESOLUTION	Output image resolution selection	
	VIDEO SOURCE	TV\AV\SV input video source selection	
	RESET	Comeback factory default setting	
OSD	LANGUAGE	OSD menu language selection: Chinese and English	
	H POSITION	Adjust OSD Horizontal position	
	V POSITION	Adjust OSD vertical position	
	BACK COLOR	Change the OSD back color	
	TRANSPARENCY	Adjust OSD background transparency	
	OSD TIMEOUT	OSD caption reserved time	

## Chapter 3 - Troubleshooting

Problem	Cause or solution
No picture and sound	<ul style="list-style-type: none"><li>◆ Not switch on power</li><li>◆ Incorrect wire connection</li></ul>
Normal sound but no picture	<ul style="list-style-type: none"><li>◆ Adjust brightness and contrast</li><li>◆ Maybe TV signal problem</li><li>◆ Maybe the output resolution is too high to display. Try a lower resolution</li></ul>
Normal picture but no sound	<ul style="list-style-type: none"><li>◆ Press “vol+” to open volume</li><li>◆ Maybe the sound was muted, press “mute” key</li><li>◆ Incorrect audio cable connection</li></ul>
Noisy spot and interference	<ul style="list-style-type: none"><li>◆ Incorrect cable TV wire connection</li><li>◆ Fine adjust channel frequency</li><li>◆ Maybe TV signal problem</li></ul>
Not colorful	<ul style="list-style-type: none"><li>◆ Adjust hue</li><li>◆ Ensure TV set not black &amp; white model</li></ul>
Picture with noisy ripple	◆ Generally caused by local interference, e.g., automobile, lamp and blower, etc
Remote controller not working	<ul style="list-style-type: none"><li>◆ Change battery</li><li>◆ Incorrect battery polarity</li><li>◆ No main power</li><li>◆ RC' s circuit blocked or interfered</li></ul>
Ghost video	Maybe setting the TV antenna to different direction

**Note:** Divider is recommended if a TV signal is used by TV box and TV set simultaneously.

**Note:** Audio input should be connected with sound box with amplifier circuit.