# Acer LCD TV Contents

AT1921/AT1922 User's Guide

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Acer LCD TV User's Guide

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Record the model number, serial number, purchase date, and place of purchase information in the space provided below. The serial number and model number are indicated on the label affixed to your device. All correspondence concerning your unit should include the serial number, model number, and purchase information.

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Serial Number: \_\_\_\_ Purchase Date: \_

Place of Purchase: \_\_\_\_

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# Important safety instructions

Read these instructions carefully. Please put them somewhere safe for future reference.

- 1 Follow all warnings and instructions marked on the product.
- 2 Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- 3 Do not use this product near water.
- 4 Do not place this product on an unstable cart, stand or table. The product may fall, sustaining serious damage.
- 5 Slots and openings are provided for ventilation; to ensure reliable operation of the product and to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on a bed, sofa, rug or other similar surface. This product should never be placed near or over a radiator or heat register or in a built-in installation unless proper ventilation is provided.
- 6 This product should be operated from the type of power indicated on the marking label. If you are not sure of the type of power available, consult your dealer or local power company.
- 7 Do not allow anything to rest on the power cord. Do not locate this product where the cord will be stepped on.
- 8 If an extension cord is used with this product, make sure that the total ampere rating of the equipment plugged into the extension cord does not exceed the extension cord ampere rating. Also, make sure that the total rating of all products plugged into the wall outlet does not exceed the fuse rating.
- 9 Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short-out parts, which could result in a fire or electric shock. Never spill liquid of any kind on the product.
- 10 Do not attempt to service this product yourself, as opening or removing covers may expose you to dangerous voltage points or other risks. Refer all servicing to qualified service personnel.
- 11 Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
  - a. When the power cord or plug is damaged or frayed.
  - b. If liquid has been spilled into the product.
  - c. If the product has been exposed to rain or water.
  - d. If the product does not operate normally when the operating instructions are followed. Adjust only those controls that are covered by the operating instructions.Improper adjustment of other controls could result in damage; extensive work by a qualified technician might then be required to restore the product to normal condition.
  - e. If the product has been dropped or the case has been damaged.
  - f. If the product exhibits a distinct change in performance, indicating a need for service.
- 12 Use only the proper type of power supply cord set (provided in your accessories box) for this unit. Always disconnect the power cord from the wall outlet before servicing or disassembling this equipment.
- Do not overload an electrical AC outlet, power strip, or convenience receptical. The overall system load must not exceed 80% of the branch circuit rating. If power strips are used, the load should not exceed 80% of the power strip input rating.
- 14 Some products are equipped with a three-wire electrical grounding-type plug that has a third pin for grounding. This plug only fits into a grounded electrical outlet. This is a safety feature. Make sure the AC outlet is properly grounded. Do not defeat the safety purpose of the grounding-type plug by trying to insert it into a non-grounded outlet. If you cannot insert the plug into the outlet, contact your electrician to replace the obsolete outlet.



The grounding pin is an important safety feature. It is possible to receive an electric shock from a system that is not properly grounded

The grounding pin is also providing good immunity ability against unexpected noise that interferes performance of this product and is produced by other nearby electrical devices.

## **Disposal instructions**

Do not throw this electronic device into the rubbish bin / container when discarding. To minimize pollution and ensure utmost protection of the global environment, please recycle.

For more information regarding WEEE, please refer to http://global.acer.com/about/environmental.htm

### **Declaration of Conformity**

Name of Manufacturer: Address of Manufacturer:

Declares that product:

Model:

Acer Computer (Shanghai) Limited 3F, No. 168 xizang medium road, Huangpu District, Shanghai, China LCD TV Monitor AT series

### Conforms to the EMC Directive 89/336/EEC as attested by conformity with the following harmonized standards:

EN 55013: 2001+A1: 2003: Sound and television broadcast receivers and associated equipment - Radio disturbance characteristics - Limits and methods of measurement

EN 55020: 2002+A1: 2003: Sound and television broadcast receivers and associated equipment - Immunity characteristics - Limits and methods of measurement

EN55022:1998/A1:2000; AS/NZS CISPR 22: 2002: Limits and methods of measurement of Radio Interference characteristics of Information Technology Equipment.

EN55024: 1998/A1: 2001; AS/NZS CISPR 24: 1997: Information technology equipment-Immunity characteristics-Limits and methods of measurement.

### Conforms to the Low Voltage Directive 73/23/EEC as attested by conformity with the following harmonized standard:

EN60065: 1998: Audio, video and similar electronic apparatus-safety requirements.

We, Acer Computer (Shanghai) Limited, hereby declare that the equipment bearing the trade name and model number specified above was tested conforming to the applicable Rules under the most accurate measurement standards possible, and that all the necessary steps have been taken and are in force to assure that production units of the same equipment will continue to comply with the requirements.

Easy Lai

Easy Lai / Director Acer Computer (Shanghai) Limited

Manufacturer : Acer

Address :

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CE

# First things first

We would like to thank you for making this Acer LCD TV your choice. With proper care, your new Acer LCD TV will provide you with years of entertainment and satisfaction.

This User's Guide introduces you to the various features your LCD TV can offer, and provides clear and concise information about the product, so please read it thoroughly and retain it for future reference.

### Packing checklist

Your LCD TV package should contain the following accessories, in addition to the accessory box. Please ensure that they are all present. If any of the items is missing, then please contact your retailer.

- Remote control (x1) / AAA batteries (x2)
- Power cord (x1)\*
- User's Guide / Quick Guide
- SCART/YPbPr adapter\*\*



Fron

1

2

3

4

5

\* The power cord supplied varies according to your region.

\*\*If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a SCART/YPbPr adapter into the SCART port.

. . . . . . . . . . . . .

### Your LCD TV overview

nt panel view		
Power On/Off		1
Menu key		
Channel up/down	$\frown$	
Volume up/down		2
Input key	MENU	
		3
acer B	+ vol -	4
		5

2	MENU	Menu key	Turns the OSD menu ON and OFF
		Channel up	When the OSD is on, functions the same as the Up arrow
3	СН <b>Т</b>	Channel down	When the OSD is on, functions the same as the Down arrow
	+	Volume up	When the OSD is on, functions the same as the Right arrow
4		Volume down	When the OSD is on, functions the same as the Left arrow
5		Input key	When the OSD is on, press this button to confirm selection

Re	Rear panel view					
1	AC-in	2	HDMI			
3	VGA-in	4	SPDIF-out + PC Audio-in			
5	AV-Audio L/R + CVBS + S-Video*	6	SCART**			
7	Analog tuner	8	Headphone jack			



\* For AV: Composite and S-Video input use the same audio ports.

\*\* If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a SCART/YPbPr adapter into the SCART port. Please see "Setting SCART YPbPr" on page 14 for details.



## Remote control

### General keys



### Teletext

7



1 POWER

2

5

- Press to turn your TV on/off.
- **DISPLAY** Press to display input/channel information (dependent on input/source type).
- 3 MUTE

Press to toggle audio on and off.

- 4 Input buttons (TV/AV/SCART/PC)\* Press to select correct input mode.
  - **SLEEP** Press to set a time period after which the TV will switch itself to standby (15, 30, 45, 60, 90 or 120 minutes).
- 6 Number keys.
- 7 RECALL
  - Press to return to the previous channel.
- 8 ENTER Press to confirm channel number selection.
- 9 MENU Press to open or close the Menu.
- 10 TTX/MIX (TELETEXT/MIX) Press to switch from TV/AV to Teletext mode. Press to overlay teletext page on the TV image.
- 11 Directional keys/OK VOL (up/down), CH (up/down)
- 12 WIDE

Press to toggle scaling mode between 4:3, 16:9, Full, Panorama and Letterbox 1, 2 modes.

13 MPX

Press to select the sound input, displayed in the top righthand corner (mono, stereo, bilingual).

- 14 VOL (+/-) Press to increase or decrease the volume.
- **15 CH (up/down)** Press to sequentially select the TV channel.
- 1 Colour buttons (R/G/Y/B) Operates corresponding button on the teletext page.
- 2 INDEX
  - Press to go to the index page
- 3 SIZE Press once to zoom teletext page to 2X. Press again to resume.
- 4 SUBTITLE
  - Press to view subtitles on the screen.
- 5 SUBPAGE
  - Press to access the teletext's subpages directly.
- 6 HOLD Press to pause the current teletext page in multi-page viewing mode.
- 7 REVEAL

Press to reveal hidden telext information.

\* If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a SCART/YPbPr adapter into the SCART port.

### **Basic connections**

### Connecting the power cord

- 1 Connect the AC cord into the AC input on the back of the set.
- 2 Connect the plug to the wall outlet as shown.

### Setting up the remote control

- 1 Open the cover on the back of the remote unit.
- 2 Insert two AAA batteries (supplied) to match the polarity indicated inside the battery compartment.

# Enjoying analog TV

### Connecting an antenna/cable

Connect the antenna cable to the appropriate antenna terminal on the back of the TV set as shown below.

### Getting started watching your TV



#### Power

- a. Turn on the power switch beneath the screen.
- b. Press the **power** button, **number** keys or **channel up / down** button on the remote control.

#### Setup Wizard

The first time you switch on the TV, the Setup Wizard will guide you to complete the language selection and channel scanning.

Press the **OK** key to begin the setup process.



You can also adjust these settings using the front control panel. Please see "Front panel view" on page 3 for details.





- Step 1. Select the setup language you prefer.
- Step 2. Please select country.
- Step 3. Ensure that your co-axial cables are connected correctly before proceeding.
- Step 4. Scan for analog channels.
- Step 5. Setup is now complete. You are ready to begin watching TV.

If you leave the setup process before it is complete, you will be given a choice of options:

- 1. Resume setup
- 2. Resume setup wizard at next startup
- 3. Exit and do not remind me

Select an option and press OK to exit.

#### Changing channels

- a. Press 0 9 on the remote control to select a channel. The channel changes after 2 seconds. Press **ENTER** to select the channel immediately.
- b. Pressing the channel ( **CH** ) up / down button on the remote control will also change the channel.

#### Adjusting the volume

Adjust the volume level using the (  $\ensuremath{\text{VOL}}$  ) up/down button on the remote control.



Setup may vary due to local broadcast differences.

### Connecting external audio/video devices

### Connecting a DVD, VCR, STB or audio/video equipment

Connect your DVD player, VCR or audio/video equipment using the SCART port located at the rear of your LCD TV as shown below.

#### Source-IN



\* Acer recommends the following priority for connection types: HDMI -> Component/SCART -> AV

\*\* If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a SCART/YPbPr adapter into the SCART port.

\*\*\* Cables of Scart, D-Sub & PC Audio in with Core are recommended.

#### TV-OUT



\*SCART-out only works with analog broadcasts.

### Connecting a camera, camcorder, video game or headphones

Connect your camera, camcorder, video game console or headphones to the video/audio ports on the rear of the TV set as shown below.



### Connecting a PC or notebook computer

To display PC output on your TV, connect your PC or notebook computer to the TV as shown below.





For VGA input, Acer recommends setting your PC's external monitor resolution to 1440 x 900 pixels @ 60 Hz refresh rate.

#### Selecting the input source

Once you have connected your antenna or external equipment to the TV, you need to select the correct input source. Press the corresponding button on the remote control to select the correct input source.



SCART/YPbPr adapter into the SCART port.

# OSD navigation

Many of the advanced settings and adjustments are available through using the OSD (onscreen display) menus, as shown in the example screenshot below.

Basic operations required to navigate these menus (Picture, Audio, Channel management and Settings) are described in this section.

### Navigating the OSD with the remote control





You can also interact with these menus using the right panel controls. Please see "Front panel view" on page 3 for details.

There are four main OSD menus. These are: Picture, Audio, Channel management and Settings. Use the following method to navigate these menus.			
1	and the second s	Press the <b>MENU</b> button on the remote control or the <b>MENU</b> button on the control panel.	
2	OK	Select your desired menu by using the up and down <b>directional keys</b> to switch between the four menus.	
3	OK	Use the <b>directional keys</b> to interact with the menu. The up / down directions will scroll through the menu options, while left/right will adjust the different settings (for example, in the Picture menu, settings such as brightness, contrast, etc.). Press <b>MENU</b> to exit.	

### Adjusting the OSD settings

The OSD can be used for adjusting the settings of your LCD TV.

Press the MENU key to open the OSD. You can use the OSD to adjust the picture quality, audio settings, channel settings and general settings. For advanced settings, please refer to following page:

Adjusting the picture quality			
ACCT Picture	1	Press the <b>MENU</b> key to bring up the OSD.	
Brightness   50     On Contrast   80     Colour   70     Sharpness   4	2	Using the directional keys, select <b>Picture</b> from the OSD. Then navigate to the picture element you wish to adjust.	
Backlight 100 Color Temp Standard Noise Reduction Low	3	Use the left or right keys to adjust the sliding scales.	
🗘 Move 🌚 Enter 🛛 🕮 Back	4	The <b>Picture</b> menu can be used to adjust the brightness, contrast, colour, sharpness and other image-related qualities.	
Adjusting the audio se	ett	ings	
acer	1	Press the <b>MENU</b> key to bring up the OSD.	
Autor Treble 50 Bass 50 Balance 0 Sound Effect 0ff	2	Using the directional keys, select <b>Audio</b> from the onscreen display. Then navigate to the feature you wish to adjust.	
Steady Sound Off	3	Use the left or right keys to adjust the sliding scale. Press <b>OK</b> to save.	
Avve 💿 Enter 1000 Back	4	The <b>Audio</b> menu can also be used to adjust the treble, bass, balance, sound effect and Steady sound.	
Adjusting the channe	lm	nanagement	
	1	Press the <b>MENU</b> key to bring up the OSD.	
Country UK Skip Off	2	Using the directional keys, select <b>Channel management</b> from the OSD.	
Name EXTRA Frequency 49,97Mhz	3	Use the directional keys to navigate the menus.	
Auto Scan Manual Scan Lock This Channel Move Senter 2020 Back	4	The <b>Channel management</b> menu can be used to set the channel namings, Auto Scan, Manual Scan channel and other related settings.	
Adjusting the settings	5		
acer Settings	1	Press the <b>MENU</b> key to bring up the OSD.	
Steep   Off     Steep   Off     Steep   Off     vide Mode   Full	2	Using the directional keys, select <b>Settings</b> from the OSD. Then navigate to the feature you wish to adjust.	
Factory befault	3	The <b>Settings</b> menu can be used to adjust the menu language and other important settings.	

The options available on the OSD may vary depending on the TV signal source.

(A)

# Advanced features

### Lock This Channel

Lock This Channel allows you to enter a password and effectively stop anyone without the password from watching TV Channel.



To enable this feature:

Se	Setting a personal PIN			
1	- NEW -	Settings Menu Language English Sleep Off Set PIN Wide Mode Full Factory Default Move Enter Back Press the MENU key on the remote control to bring up the OSD.		
2	OK	Use the <b>directional keys</b> to navigate to the 🧚 Settings menu. Then select <b>Set PIN</b> (see note)		
3		Enter a four-digit password. Type it again and press <b>OK</b> to reconfirm.		
4	- ALE	Press MENU to exit.		



The default PIN for this TV is "0000." First enter "0000" when you want to change the PIN. If you forget your PIN, please enter 6163 to reset.

Lo	Locking TV Channel		
1	AND C	Channel Management Country UK Skip Off Reorder Name EXTRA Frequency 49.97Mbz Auto Scan Manual Scan Lock This Channel Move Enter Back	
2	OK	Use the <b>directional keys</b> to navigate to the IMD Channel Management menu. Then select <b>Lock This Channel</b> .	
3		Enter your PIN. Type it again and press <b>OK</b> to reconfirm. (see page 11 note)	

### Reorder for channels

The first time you completed the setup wizard, all available channels were listed. If you need to reorder for new channels, please follow the steps below:





Re	Reordering for channels			
1	and the second second	Press the <b>MENU</b> key on the remote control to b	ring up the OSD.	
2	OK	Use the <b>directional keys</b> to navigate and select	📁 Channel Management.	
3		Channel Management   Country UK   Skip Off   Reorder Kame   Name EXTRA   Frequency 49.97 Mhz   Auto Scan Manual Scan   Lock This Channel Lock This Channel	Highlight <b>Reorder</b> . Then, select the channel you wish to reorder and press <b>OK</b> to confirm. Move to the right channel number and press <b>OK</b> to reconfirm.	
4		Select <b>OK</b> and press <b>MENU</b> to exit.		

### Re-scan for channels

The first time you completed the setup wizard, all available channels were listed. If you need to re-scan for new channels, please follow the steps below:



Sc	Scanning for channels			
1	and the second second	Press the <b>MENU</b> key on the remote control to bring up the OSD.		
2	OK	Use the <b>directional keys</b> to navigate and select 🃁 Channel Management.		
3	Ĩ	Channel Management Country UK Skip Off Reorder Name EXTRA Frequency 49.97Mhz Auto Scan Manual Scan Lock This Channel Move Enter EXTRA Highlight Auto Scan. Then, select Start and press OK to begin. Or Highlight Manual Scan. Then, select Scan up, Scan down or Scan for updates and press OK to begin. Or Highlight Manual Scan. Then, select Scan up, Scan down or Scan for updates and press OK to begin. Manual Scan Lock This Channel Manual Scan Lock This Channel Manual Scan Lock This Channel Back		
4		Select OK and press MENU to exit.		

### Setting SCART YPbPr

If you want to connect a component YPbPr cable to your TV, please plug a SCART/YPbPr adapter into the SCART port first. Then, set "SCART-YPbPr ON" and the source will be YPbPr.

If you choose "SCART-YPbPr OFF", the source can be "Auto", "CVBS", "S-Video" or "RGB" depending on your choice.



To enable this feature:

Se	Setting SCART YPbPr			
1		Settings Menu Language English   Sleep Off   Wide Mode Full   SCART YPDPr On   Factory Default Press the SCART key to switch to SCART source mode.   Press the MENU key on the remote control to bring up the OSD.		
2		Use the <b>directional keys</b> to navigate to the 🧚 Settings menu. Then select <b>SCART YPbPr</b> . (See note.)		
3		Use the left or right <b>directional keys</b> to change settings.		
4	THE	Press MENU to exit.		

B

\* If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a

SCART/YPbPr adapter into the SCART port. Please see "**Rear panel view**" on page 4 for details.

### Widescreen display mode

Your Acer LCD TV has a special widescreen mode that allows you to toggle between 4:3, 16:9, Full, Panorama, and Letterbox 1 and 2 type views.

Press the **WIDE** key on the remote control to toggle the display between the four wide modes.

#### Wide mode

The Acer LCD contains four widescreen modes, including 4:3, 16:9, Full, Panorama, and Letterbox 1 and 2.



4:3		
	For 4:3 standard pictures. A side bar appears on each side.	
16:9		
	For 16:9 standard pictures. A side bar appears on each side.	
Full		
	In this mode, the whole picture is stretched toward each side of the screen.	
Panorama		
	In this mode, the picture is progressively stretched toward each side of the screen.	
Letterbox 1 and 2		
	In this mode, the picture is enlarged linearly to fit the screen. The top and bottom portions of the picture may be cut off.	

### Troubleshooting

Before you call the Acer service center, please check the following items:

Here is a list of possible situations that may arise during the use of your LCD TV. Easy answers and solutions are provided for each.

#### There is no picture or sound.

- Make sure the power cord is properly inserted in the power outlet.
- Make sure the input mode is correctly set by your selected input.
- Make sure the antenna at the rear of the TV is properly connected.
- Make sure the main power switch is turned on.
- Make sure the volume is not set to minimum or the sound is not set to mute.
- Make sure the headphones are not connected.
- Reception other than those of broadcasting stations can be considered.

#### Picture is not clear.

- Make sure the antenna cable is properly connected.
- Consider whether your TV signal is being properly received.
- Poor picture quality can occur due to a VHS camera, camcorder, or other peripheral being connected at the same time. Switch off one of the other peripherals.
- The 'ghost' or double image may be caused by obstruction to the antenna due to high-rise buildings or hills. Using a highly directional antenna may improve the picture quality.
- The horizontal dotted lines shown on the pictures may be caused by electrical interference, e.g., hair dryer, nearby neon lights, etc. Turn off or remove these.

#### Picture is too dark, too light or tinted.

- Check the colour adjustment.
- Check the brightness setting.
- Check the sharpness function.
- The fluorescent lamp may have reached the end of its service life.

#### Remote control does not work.

- Check the batteries of the remote control.
- Make sure the remote sensor window is not under strong fluorescent lighting.
- Try to clean the remote control sensor lens on the TV with a soft cloth.
- Use the buttons (hotkeys) on the TV before the remote control works.

If the above suggestions do not solve your technical issue, please refer to the warranty card for service information.

# PC Input Signal Reference Chart

	Resolution	Horizontal Frequency (kHz)	Vertical Frequency (Hz)	Standard	Format
1	640 x 350	31.5	70	VGA	
2	720 x 400	31.47	70	VGA	
3	640 x 480	31.47	60	VGA	
4	640 x 480	35	66.7	MAC	
5	640 x 480	37.861	72	VESA	
6	640 x 480	37.5	75	VESA	
7	640 x 480	43.3	85	VESA	
8	800 x 600	35.156	56	VESA	
9	800 x 600	37.879	60	VESA	
10	800 x 600	48.077	72	VESA	
11	800 x 600	46.875	75	VESA	
12	800 x 600	53.674	85	VESA	
13	832 x 624	49.72	74.5	MAC	
14	1024 x 768	48.36	60	VESA	
15	1024 x 768	56.48	70	VESA	
16	1024 x 768	60.02	75	VESA	
17	1280 x 720	44.772	59.855	VESA	16:9
18	1280 x 720	56.456	74.777	VESA	16:9
19	1360 x 768	47.72	59.799	VESA	16:9
20	1360 x 768	60.288	74.891	VESA	16:9
21	1440 x 900	55.935	59.887	VESA	16:9
22	1440 x 900	70.635	74.984	VESA	16:9



1). The PC input does not support Sync on Green or Composite Sync.

2). The PC input does not support interlaced signals.

# Product specifications

Model	AT1921/AT1922				
Panel spec					
Resolution (pixels)	1440 x 900				
Brightness (tpe.)	300 cd/m2				
Contrast Ratio (tpe.)	800:1				
Display colour	16.7 M				
Viewing angle (tpe.)	H: 160° ; V:160°				
Response (tpe.)	5 ms (gray to gray)				
Power supply					
Input	90 V ~ 264 V - AC. (47~63 Hz)				
Max. power consumption	<60 W				
Power saving	<1 W				
Mechanical					
Dimensions (W x H x D mm)	490.5 x 412.2 x 138.9				
Weight (Kg)	5				
Weight (lbs)	11				
Gross weight (Kg)	6.5				
Gross weight (lbs)	14.3				
Wall Mounting	100mm x 100mm				
Analog TV system					
TV Colour system	PAL, SECAM				
Sound system	B/G/D/K/I/L				
Stereo system	NICAM / A2				
TV Tuner System	PLL, 45.25 Mhz - 862.25 Mhz				
Subtitles	Teletext 1.5				
Analog TV-tuner quantity	1				
Terminal					
Analog Tuner In	Yes				
SCART*	CVBS (In/Out)/YPbPr(In), RGB (In), Audio R/L				
AV-S-Video	S-Video, Audio R/Lshare with CVBS				
AV-CVBS	CVBS, Audio R/L share with S-Video				
HDMI	Yes				
SPDIF-out**	Yes				
PC D-sub in	Yes				
PC audio-in	Yes				
Headphone	Yes				
Audio system					
Speaker	5 W + 5 W				



\* If you want to connect a component video cable to display HD (high-definition) video on your TV, please plug a SCART/YPbPr adapter into the SCART port.

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\*\* SPDIF out is for HDMI only.