

# Showpiece™ Cabinet Audio and Video Connections Guide

---





## Showpiece Audio and Video Connections Guide

### Contents

<a href="#">Diagram Reference (DIP Switches, Television Inputs)</a>	3
<a href="#">Helpful Tips Before Starting</a>	4
<b>Golden Tee LIVE</b>	
▪ <a href="#">HDMI (65AL VC)</a>	5
▪ <a href="#">HDMI (9500 VC)</a>	6
▪ <a href="#">HDMI (GT2010 &amp; Prior)</a>	7
▪ <a href="#">DVI to HDMI (7600/9500 VC)</a>	8
▪ <a href="#">Component (7600 VC)</a>	9
▪ <a href="#">VGA (7600/9500 VC)</a>	10
▪ <a href="#">Secondary Monitor Configuration</a>	11
○ <a href="#">DVI to HDMI (9500 VC)</a>	12
○ <a href="#">Component (7600 VC)</a>	13
○ <a href="#">DVI to HDMI 7600 VC)</a>	14
<b>Power Putt LIVE</b>	
▪ <a href="#">HDMI (AS430 VC)</a>	16
<b>Power Putt Pro</b>	
▪ <a href="#">HDMI (9500 VC)</a>	17
▪ <a href="#">Component (8500 VC)</a>	18
▪ <a href="#">DVI to HDMI (8500 VC)</a>	19
▪ <a href="#">VGA (8500 VC)</a>	20
<b>Silver Strike LIVE</b>	
▪ <a href="#">HDMI (9500 VC)</a>	21
▪ <a href="#">Component (7300 VC)</a>	22
▪ <a href="#">VGA (5200/7300 VC)</a>	23
▪ <a href="#">DVI to HDMI (5200/7300 VC)</a>	24
<b>Silver Strike Bowlers Club 2009</b>	
▪ <a href="#">VGA (5200/7300 VC)</a>	25
▪ <a href="#">S-Video (5200/7300 VC)</a>	25
<b>TTP Lawn Darts</b>	
▪ <a href="#">Component (7300 VC)</a>	26
▪ <a href="#">VGA (7300 VC)</a>	27
<a href="#">Connection / Resolution Options Per Game Type</a>	28

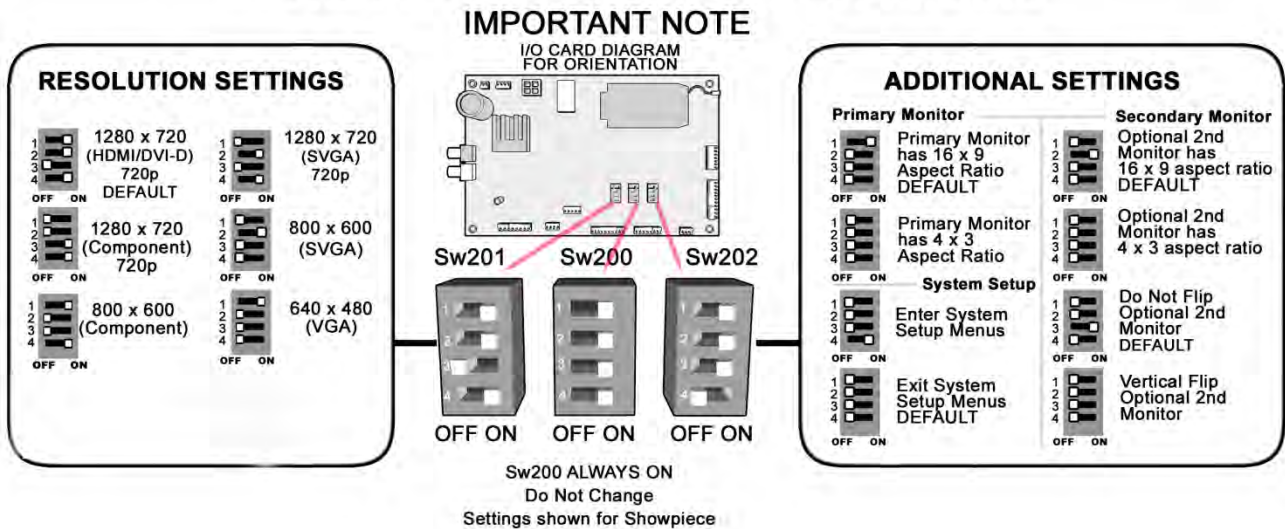


## Showpiece Audio and Video Connections Guide

### Diagram Reference

#### DIP Switches

### HDTV MONITOR APPLICATION



#### Television Inputs



Rear Television Inputs - Example



## Showpiece Audio and Video Connections Guide

### Helpful Tips Before Starting

- When choosing a television, verify that it is capable of displaying the minimum resolution type for a Showpiece cabinet: 720p.
- If using an HDTV as a secondary monitor, see page 10 for further information.
- Make sure to power ON the television and select the correct video input before powering up the game.
- Make sure that the DIP switch SW-202 (Switch 1) is in the ON position to enable 16:9 aspect ratio when running 1280x720 resolution.
- If the Nighthawk System Box is labeled with Product # 900095XXXX the box has a 915/965 motherboard, and there is NOT an audio signal outputting across the HDMI connector, you must source the system box audio outputs for sound (RCA contacts next to the power supply).
  - If your television is NOT equipped with RCA Inputs designated to a HDMI input, route RCA Cables to the I/O Board RCA inputs to output sound across the cabinet speakers.
- When routing audio through the television, the Game Volume Setting needs to be adjusted up to 75%. Then use the television volume control as the Master Volume.
- In the event the image being displayed is overshooting *or* not extending to the perimeter of the screen, increase or decrease the image size by opening Operator Adjustables in the game, and then choosing **Main Menu → Troubleshooting Shortcuts → Screen Size Adjustments**. When finished select **DONE**, and the game will reset to configure the new screen size setting.





## Showpiece Audio and Video Connections Guide

### Golden Tee LIVE (65AL VC)

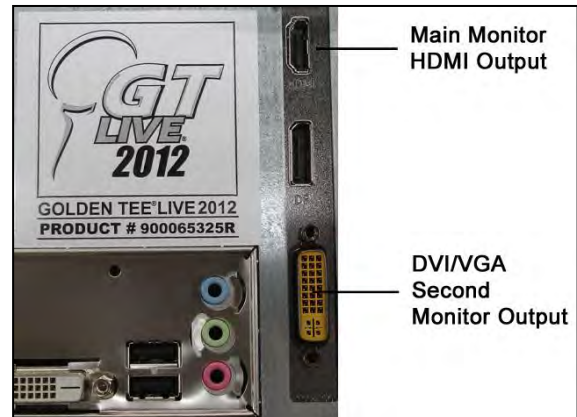
#### HDMI (Product # 9000653215R)

Golden Tee LIVE 2012 supports 720p (1280x720) resolution. Be sure your HDTV is compatible.

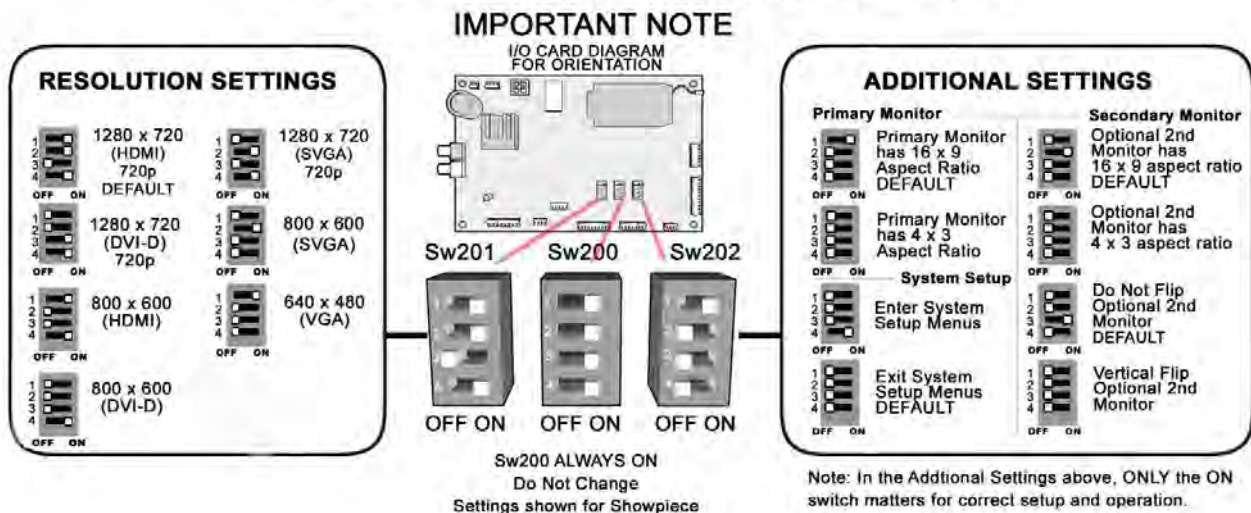
#### PRIMARY VIDEO

Connect the HDMI cable (supplied) to the HDMI output on the Nighthawk system. Route the cable through the clip under the lock on the back wall, and down through the access panel on the back of the cabinet. Connect the other end of the HDMI cable to the proper HDMI input on your television.

**Note:** Refer to the HDTV manual to adjust the video signal to match the correct input for your game. Selecting the correct input is commonly found from a system menu accessed from the remote, or an Input Select button on the HDTV.



## HDTV MONITOR APPLICATION



#### PRIMARY AUDIO

The HDMI cable will also supply audio to the speakers on your HDTV. See Audio/Video Connections Table below for details on other connection types.

**Note:** Be aware that when connecting a monitor with a resolution below 800x600 (and no lower than 640x480) you will need to use an analog audio connection. The current version of the Nighthawk System Box does not support monitors with a resolution below 640x480



## Showpiece Audio and Video Connections Guide

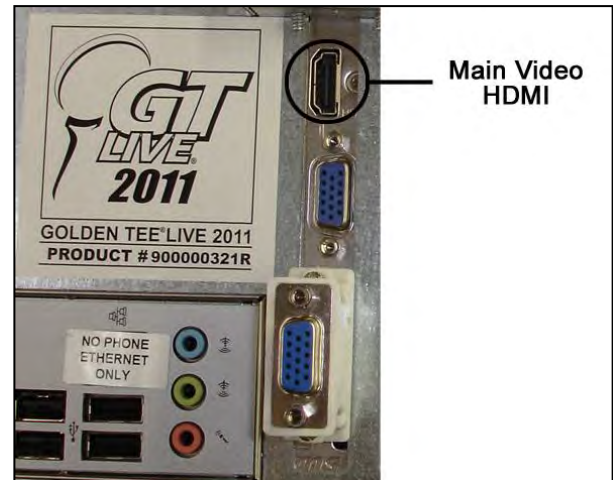
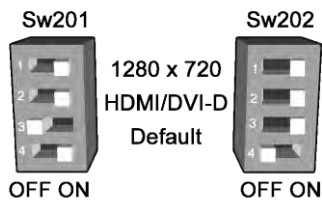
### HDMI (Product # 900000321R)

**VIDEO:** Connect the HDMI cable from the system box to the HDMI input on the HDTV. Select the proper input on the HDTV.

**AUDIO:** HDMI/RCA Input audio (See below)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPS as shown:

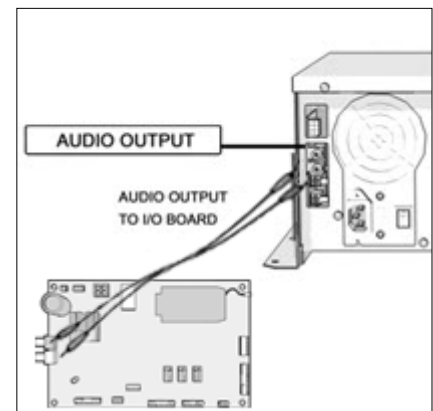
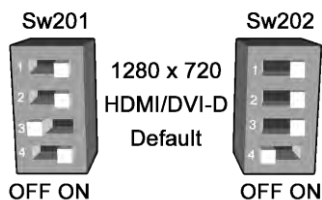


**AUDIO:** If the HDTV has RCA audio L/R inputs associated with an HDMI input, it is possible to use the HDTV speakers.

- Using a 2-wire RCA cable (red and white) connect the RCA audio outputs on the system box to the audio L/R input next to the HDMI input on the HDTV.
- If your television is NOT equipped with RCA inputs designated to a HDMI input, route your RCA cables to the I/O Board RCA inputs to output sound across the cabinet speakers. (See diagram at right.)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPS as shown:



**Route to I/O Board if no HDMI Input with RCA Inputs**



## Showpiece Audio and Video Connections Guide

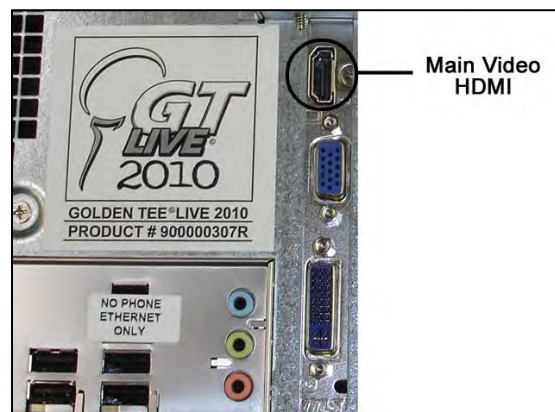
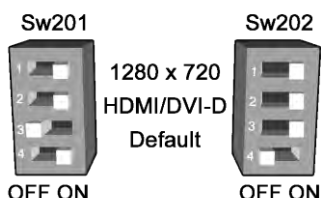
### HDMI (Product # 900000307R for GT LIVE 2010 and Prior)

**VIDEO:** Connect the HDMI cable from the system box to the HDMI input on the HDTV. Select the proper input on the HDTV.

**AUDIO:** HDMI audio (No other connections necessary)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPs as shown:



### HDMI (Product #900095307)

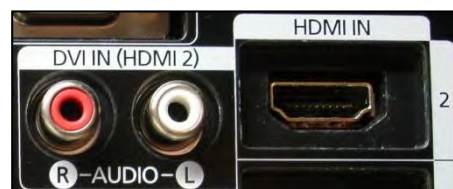
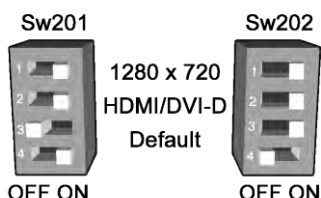
**VIDEO:** Connect the HDMI cable from the system box to the HDMI input on the HDTV. Select the proper input on the HDTV.

**AUDIO:** If the HDTV has RCA audio L/R inputs associated with an HDMI input, it is possible to use the HDTV speakers.

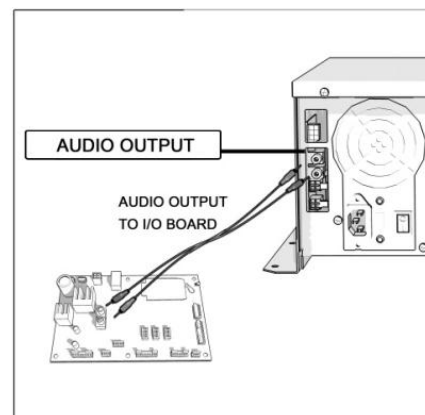
- Using a 2-wire RCA cable (red and white) connect the RCA audio outputs on the system box to the audio L/R input next to the HDMI input on the HDTV.
- If your television is NOT equipped with RCA inputs designated to a HDMI input, route your RCA cables to the I/O Board RCA inputs to output sound across the cabinet speakers. (See diagram at right.)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPs as shown:



**Example of HDMI Input with RCA Inputs**



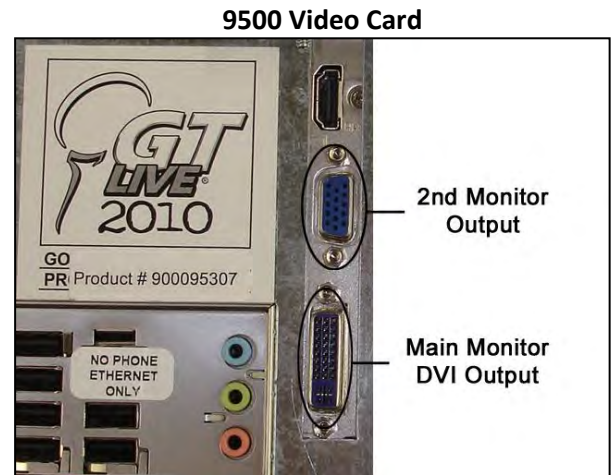
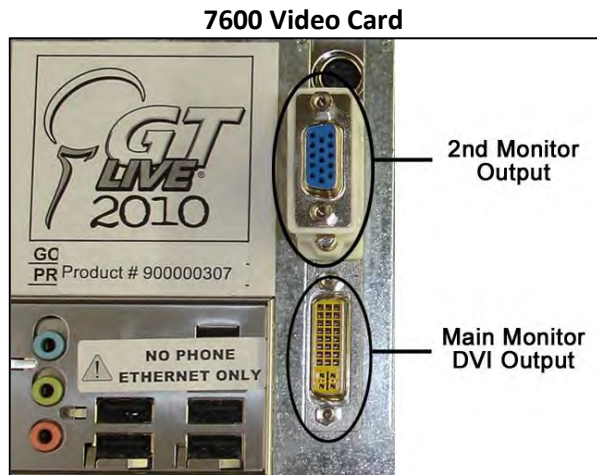
**Route to I/O Board if no HDMI Input with RCA Inputs**



## Showpiece Audio and Video Connections Guide

### DVI to HDMI

**VIDEO:** To expose the DVI Output, remove the DVI to VGA Adapter from the lower port on the video card. Below are the two types of Video Cards for GT LIVE:



Connect a DVI to HDMI Cable (or DVI to HDMI Adapter w/ a HDMI Cable) to the Main Monitor DVI Output. Run the HDMI end to the desired HDMI input of the television.

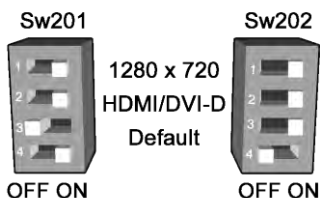
**Note:** DVI to HDMI is only necessary with a 9500 video card when using a secondary monitor. Some televisions designate which input should be used for DVI to HDMI connections.

**AUDIO:** See HDMI settings for Product **#900095307** on the previous page.

### DIP SWITCH SETTINGS:

(Standard 720P HDTV)

Prior to power up set the DIPs as shown:



**Note:** In the event the image being displayed is overshooting *or* not extending to the perimeter of the screen, increase or decrease the image size by opening Operator Adjustables in the game, and then choosing **Main Menu → Troubleshooting Shortcuts → Screen Size Adjustments**. When finished select **DONE**, and the game will reset to configure the new screen size setting.





## Showpiece Audio and Video Connections Guide

### COMPONENT (Product # 900000307)

**VIDEO:** Using the component adapter, connect the Display Port on the system box to the Video Component In on the rear of the television (Red-Pr, Green-Y and Blue-Pb, or RGB).



Component Adapter

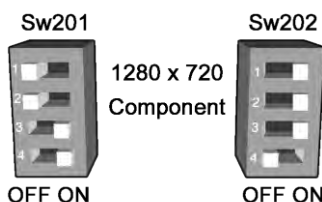


Audio/Video Component In - Example

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA Audio Out on the system box to the same input of the television used for the component cables.

**DIP SWITCH SETTINGS:**  
(Standard 720P HDTV)

Prior to power up set the DIPs as shown:

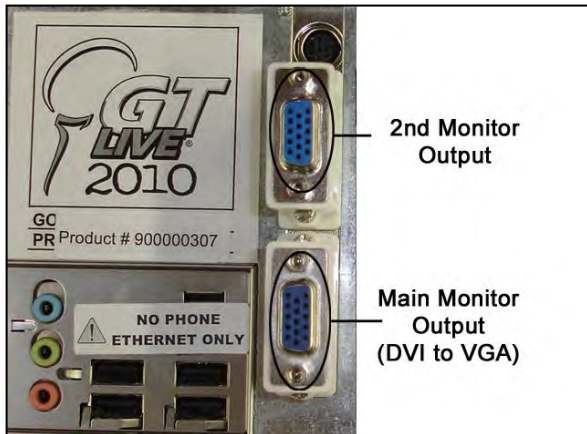




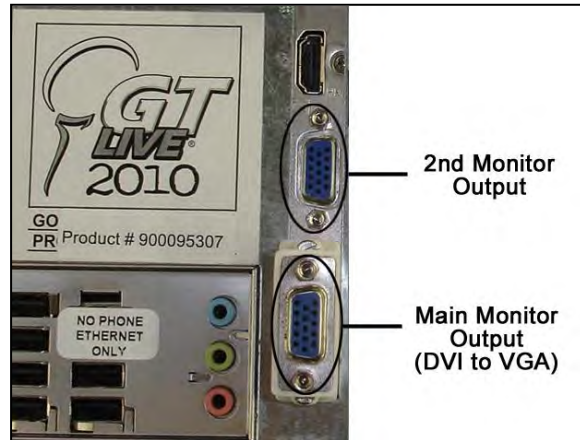
## Showpiece Audio and Video Connections Guide

### VGA (For either 7600 or 9500 Video Card)

7600 Video Card

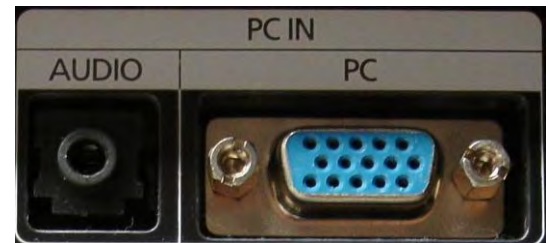


9500 Video Card



**VIDEO:** Connect the VGA cable to the lower port of the video card with the DVI to VGA adapter. Run the VGA cable to the PC input (VGA) of the television.

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA audio out on the system box to a 1/8<sup>th</sup>-inch Stereo Y-Adapter. Connect to the television PC audio input.



Example of PC Input with 1/8<sup>th</sup>-inch Audio Input

**Note:** PC Inputs on most televisions accept an 800x600 signal. *Some* models will only display a 640x480 signal and *others* will accept up through a 1280x720 signal across VGA, but not all. See television specifications for details.

#### DIP SWITCH SETTINGS:

Prior to power up set the DIPs as shown:



640 x 480  
VGA



800 x 600  
SVGA



1280 x 720  
SVGA



**Note:** For secondary monitor configuration, see the following page.



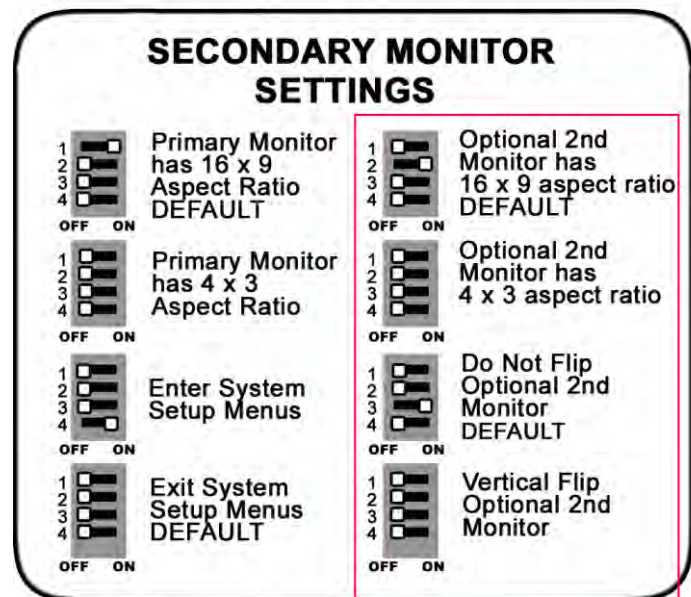
## Showpiece Audio and Video Connections Guide

### Secondary Monitor Configuration

**Important:** When the main monitor is connected to the Video Card HDMI Port there is NOT an option of using a secondary monitor. You **must** connect the main monitor across either VGA or DVI to HDMI to use a secondary display.

When using the secondary monitor feature of Golden Tee LIVE, the resolution output is 800x600. If using a television as the second display, verify that the PC Input (VGA) is capable of accepting a minimum input signal of 800x600 (reference your television specifications).

**Note:** When cloning the main monitor in the Upper Monitor Settings, the second monitor output also clones the resolution and aspect ratio regardless of the SW202 settings. If using a television as the secondary display, verify that the PC Input (VGA) is capable of accepting a 1280x720 input signal (reference the television specifications).



Secondary Monitor Adjustments



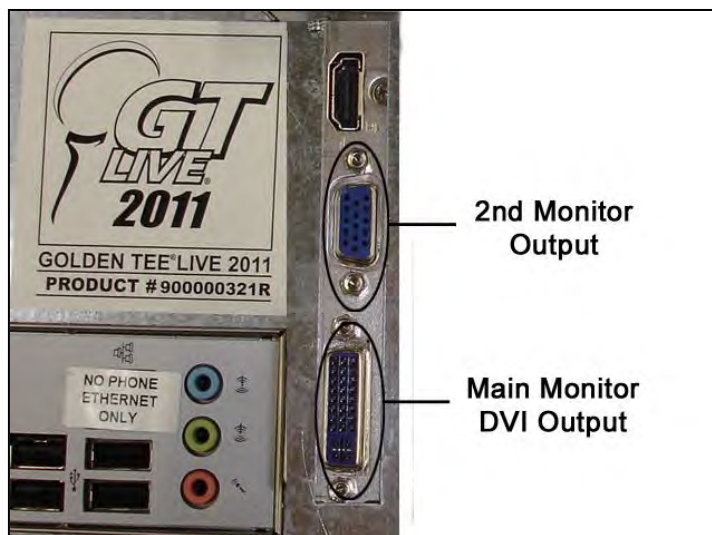
## Showpiece Audio and Video Connections Guide

### Secondary Monitor Configuration 9500 Video Card

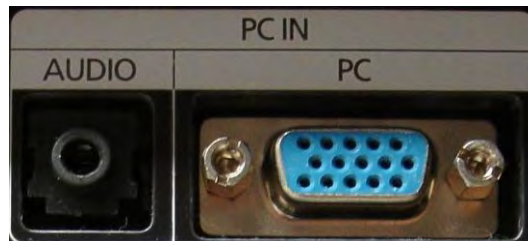
#### DVI to HDMI (Product # 900000321R / #900000307R / #900095307)

**PRIMARY VIDEO:** To expose the DVI Output, remove the DVI to VGA Adapter from the lower port on the video card. Connect a DVI to HDMI Cable (or DVI to HDMI Adapter w/ a HDMI Cable) to the Main Monitor DVI Output.

9500 Video Card



**SECONDARY VIDEO:** Connect the Secondary Monitor to the 2<sup>nd</sup> Monitor Output on the Video Card (VGA). Run the VGA Cable to the PC Input (VGA) of the Secondary Monitor.



Example of PC Input with 1/8<sup>th</sup>-inch Audio Input





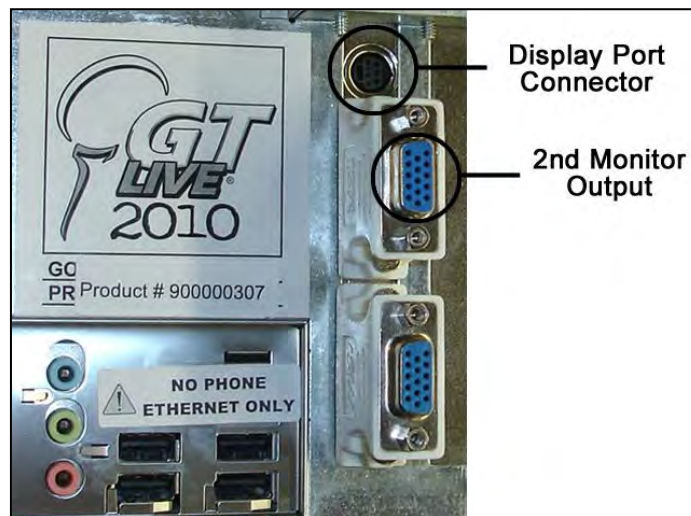
## Showpiece Audio and Video Connections Guide

### Secondary Monitor Configuration 7600 Video Card

#### Component

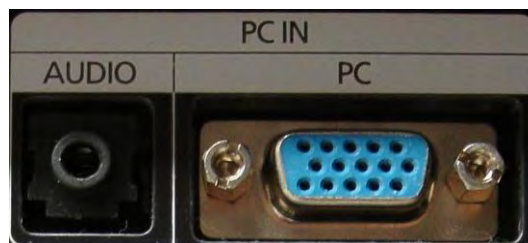
**PRIMARY VIDEO:** Using the component adapter, connect the Display Port to the Video Component In on the rear of the television (Red-Pr, Green-Y and Blue-Pb, or RGB).

7600 Video Card



Audio/Video Component In - Example

**SECONDARY VIDEO:** Connect the Secondary Monitor to the 2<sup>nd</sup> Monitor Output on the Video Card (VGA). Run the VGA Cable to the PC Input (VGA) of the Secondary Monitor.



Example of PC Input with 1/8<sup>th</sup>-inch Audio Input



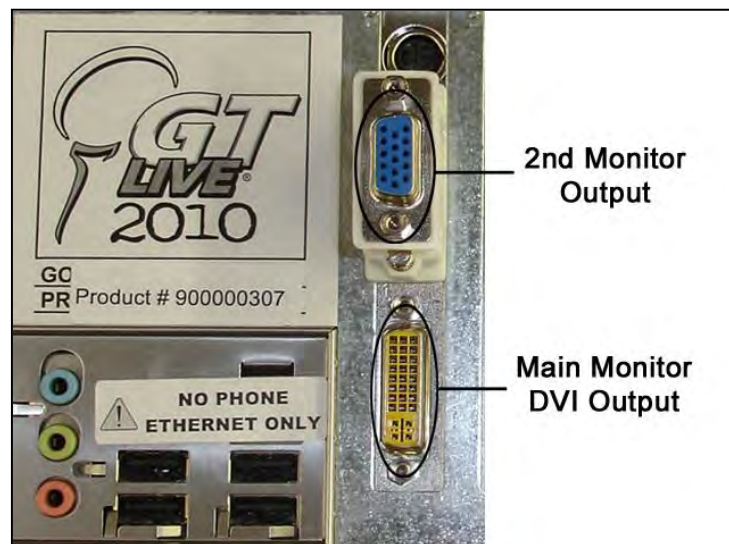
## Showpiece Audio and Video Connections Guide

### Secondary Monitor Configuration 7600 Video Card

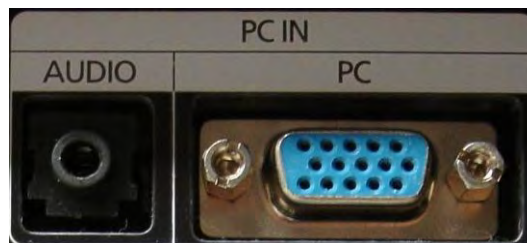
#### DVI to HDMI

**PRIMARY VIDEO:** To expose the DVI Output, remove the DVI to VGA Adapter from the Main Monitor DVI Output on the video card. Connect a DVI to HDMI Cable (or DVI to HDMI Adapter w/ a HDMI Cable) to the Main Monitor DVI Output.

7600 Video Card



**SECONDARY VIDEO:** Connect the Secondary Monitor to the 2<sup>nd</sup> Monitor Output on the Video Card (VGA). Run the VGA Cable to the PC Input (VGA) of the Secondary Monitor.



Example of PC Input with 1/8<sup>th</sup>-inch Audio Input



## Showpiece Audio and Video Connections Guide

### PowerPutt LIVE AS430 VC

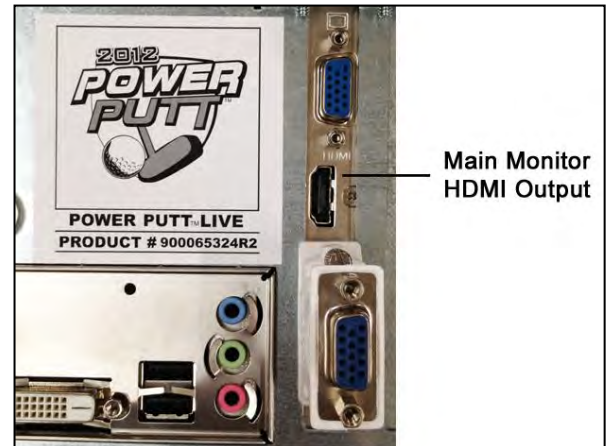
**HDMI (Product # 900065324R2)**

#### WARNING

PowerPutt LIVE does not support a second monitor. Also, it does not support medium and low resolution monitors.

#### PRIMARY VIDEO

Connect the HDMI cable (supplied) to the HDMI output on the Nighthawk system. Route the cable through the clip under the lock on the back wall, and down through the access panel on the back of the cabinet. Connect the other end of the HDMI cable to the proper HDMI input on your television.



## HDTV MONITOR APPLICATION

#### RESOLUTION SETTINGS

1280 x 720 (HDMI) 720p DEFAULT	1280 x 720 (SVGA) 720p
1280 x 720 (DVI-D) 720p	800 x 600 (SVGA)
800 x 600 (HDMI)	640 x 480 (VGA)
800 x 600 (DVI-D)	

#### IMPORTANT NOTE

I/O CARD DIAGRAM FOR ORIENTATION

Sw201 Sw200 Sw202

OFF ON OFF ON OFF ON

Sw200 ALWAYS ON  
Do Not Change  
Settings shown for Showpiece

#### ADDITIONAL SETTINGS

<b>Primary Monitor</b> 1 Primary Monitor has 16 x 9 Aspect Ratio 2 DEFAULT 3 4 <b>System Setup</b> 1 Enter System Setup Menus 2 3 4 Exit System Setup Menus DEFAULT	<b>Secondary Monitor</b> 1 Optional 2nd Monitor has 16 x 9 aspect ratio 2 DEFAULT 3 4 1 Optional 2nd Monitor has 4 x 3 aspect ratio 2 3 4 1 Do Not Flip Optional 2nd Monitor 2 DEFAULT 3 4 1 Vertical Flip Optional 2nd Monitor 2 3 4
---	---

Note: In the Additional Settings above, ONLY the ON switch matters for correct setup and operation.

#### PRIMARY AUDIO

The HDMI cable will also supply audio to the speakers on your HDTV. See Audio/Video Connections Table below for details on other connection types.

**Note:** The current version of the Nighthawk System Box does not support monitors with a resolution below 800x600.



## Showpiece Audio and Video Connections Guide

### Power Putt Pro 9500 Video Card

#### HDMI

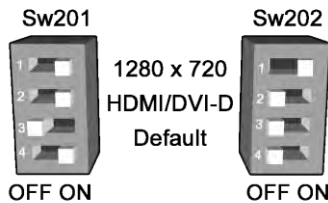
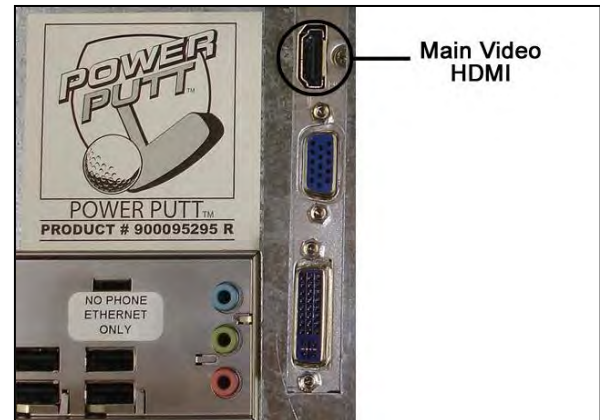
**VIDEO:** Connect the HDMI cable from the system box to the HDMI input on the HDTV. Select the proper input on the HDTV.

**AUDIO:** HDMI audio (No other connections necessary)

#### DIP SWITCH SETTINGS:

(Standard 720P HDTV)

Prior to power up set the DIPs as shown:





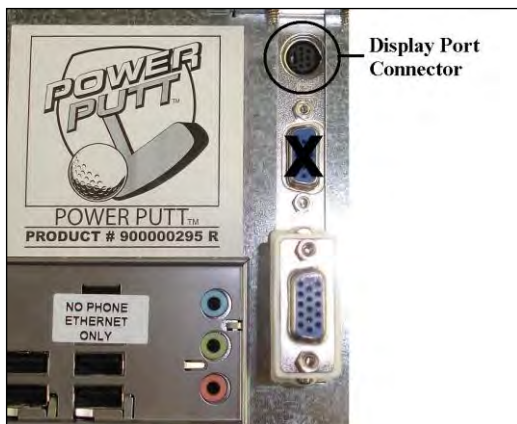


## Showpiece Audio and Video Connections Guide

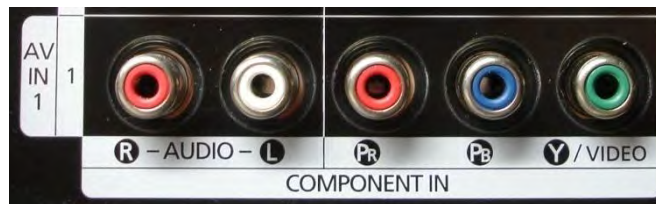
### 8500 Video Card

#### Component

**VIDEO:** Using the component adapter, connect the Display Port to the Video Component In on the rear of the television (Red-Pr, Green-Y and Blue-Pb, or RGB).



Component Adapter

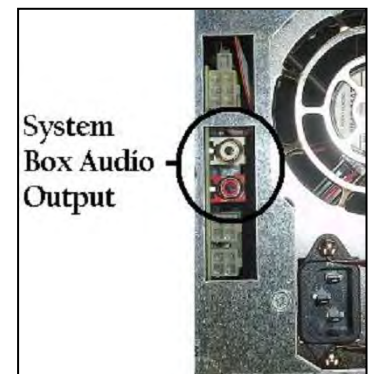
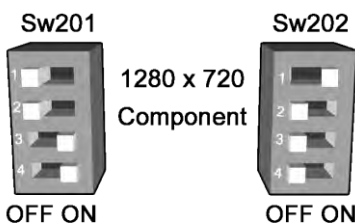


Audio/Video Component In - Example

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA Audio Out on the system box to the same input of the television used for the component cables.

**DIP SWITCH SETTINGS:**  
(Standard 720P HDTV)

Prior to power up set the DIPs as shown:





## Showpiece Audio and Video Connections Guide

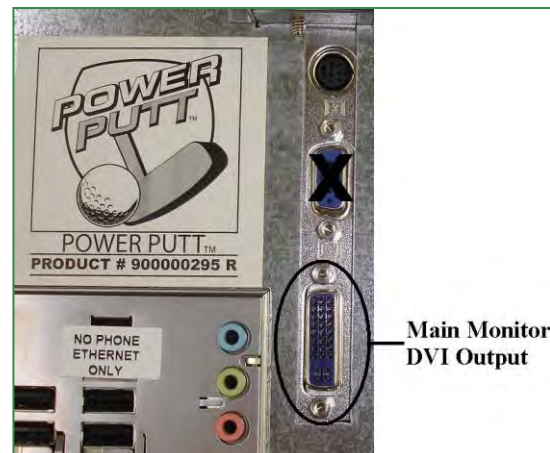
### DVI to HDMI

**VIDEO:** To expose the DVI Output, remove the DVI to VGA Adapter from the lower port on the video card.

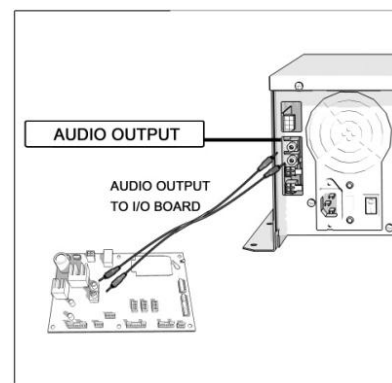
Connect a DVI to HDMI Cable (or DVI to HDMI Adapter w/ a HDMI Cable) to the Main Monitor DVI Output.

Run the HDMI end to the desired HDMI input of the television.

**Note:** Some televisions designate which input should be used for DVI to HDMI connections.



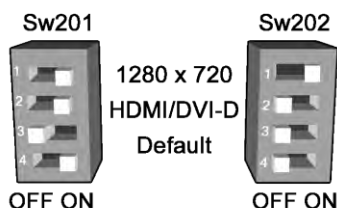
**AUDIO:** Connect the RCA Cables to the System Box Audio Output (RCA contacts next to the Power Supply). If your television is equipped with RCA Inputs designated to a HDMI Input, you may route your RCA Cables here to output sound across the television speakers.



If your television is NOT equipped with RCA Inputs designated to a HDMI input, route RCA Cables to the I/O Board RCA inputs for sound across the cabinet speakers. (See diagram at right.)

**Route to I/O Board if no HDMI Input with RCA Inputs**

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)  
Prior to power up set the DIPs as shown:

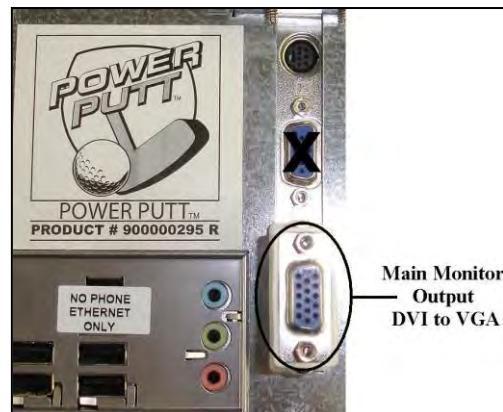




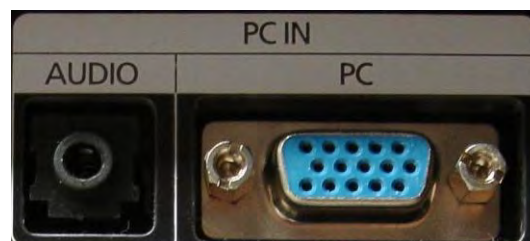
## Showpiece Audio and Video Connections Guide

### VGA

**VIDEO:** Connect a VGA Cable to the lower port of the video card with the DVI to VGA Adapter. Run the VGA Cable to the PC Input (VGA) of the television.



**AUDIO:** Connect the RCA Cables to the System Box Audio Output (RCA contacts next to the Power Supply). Install a 1/8<sup>th</sup>-inch Stereo Y-Adapter to the end and connect to the television PC Audio Input.

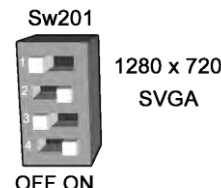


Example of PC Input with 1/8<sup>th</sup>-inch Audio Input

**Note:** PC Inputs on most televisions accept an 800x600 signal. *Some* models will only display a 640x480 signal and *others* will accept up through a 1280x720 signal across VGA, but not all. See television specifications for details.

### DIP SWITCH SETTINGS:

Prior to power up set the DIPs as shown:





## Showpiece Audio and Video Connections Guide

### Silver Strike LIVE 9500 Video Card

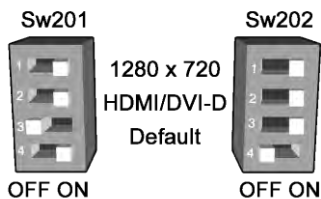
#### HDMI

**VIDEO:** Connect the HDMI cable from the system box to the HDMI input on the HDTV. Select the proper input on the HDTV.

**AUDIO:** HDMI/RCA Input audio (See below)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPs as shown:

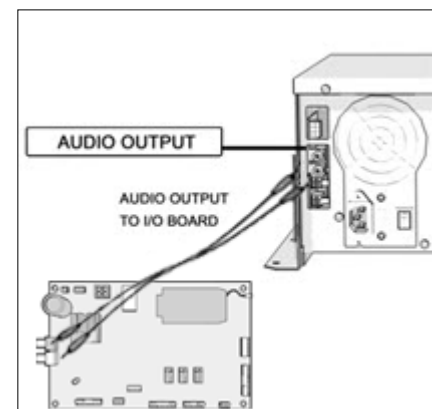
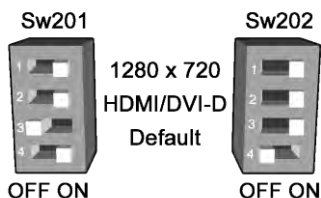


**AUDIO:** If the HDTV has RCA audio L/R inputs associated with an HDMI input, it is possible to use the HDTV speakers.

- Using a 2-wire RCA cable (red and white) connect the RCA audio outputs on the system box to the audio L/R input next to the HDMI input on the HDTV.
- If your television is NOT equipped with RCA inputs designated to a HDMI input, route your RCA cables to the I/O Board RCA inputs to output sound across the cabinet speakers. (See diagram at right.)

**DIP SWITCH SETTINGS:** (Standard 720P HDTV)

Prior to power up set the DIPs as shown:



**Route to I/O Board if no HDMI Input with RCA Inputs**



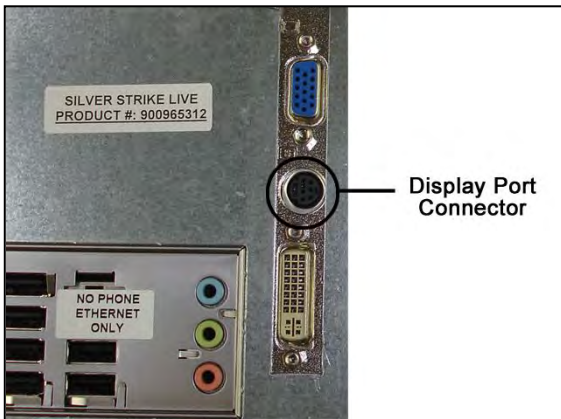


## Showpiece Audio and Video Connections Guide

### Silver Strike LIVE 7300 Video Card

#### Component

**VIDEO:** Using the component adapter, connect the Display Port to the Video Component In on the rear of the television (Red-Pr, Green-Y, Blue-Pb or RGB).



Component Adapter

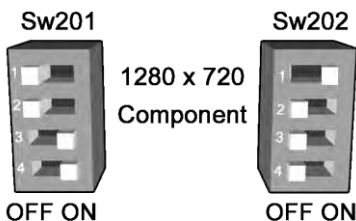


Audio/Video Component In - Example

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA Audio Out on the system box to the same input of the television used for the component cables.

#### DIP SWITCH SETTINGS: (Standard 720P HDTV)

Prior to power up set the DIPs as shown:



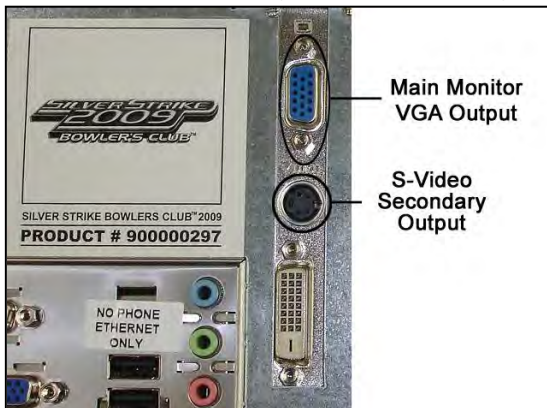
**Note:** In the event the image being displayed is overshooting *or* not extending to the perimeter of the screen, increase or decrease the image size by opening Operator Adjustables in the game, and then choosing **Main Menu → Troubleshooting Shortcuts → Screen Size Adjustments**. When finished select **DONE**, and the game will reset to configure the new screen size setting.



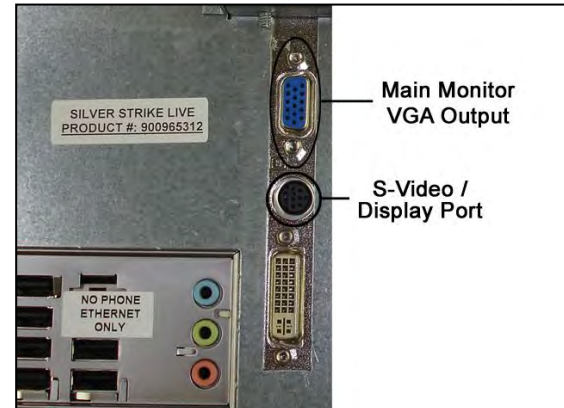
## Showpiece Audio and Video Connections Guide

### VGA

5200 Video Card (865 Motherboard)



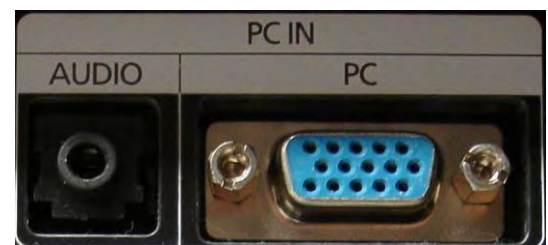
7300 Video Card (965 Motherboard)



**VIDEO:** Connect the VGA cable to the upper port of the video card. Run the VGA cable to the PC input (VGA) of the television.

**S-VIDEO:** S-Video can be used if VGA is unavailable at the television input, or to display out to a secondary monitor.

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA audio out on the system box to a 1/8<sup>th</sup>-inch Stereo Y-Adapter. Connect to the television PC audio input.

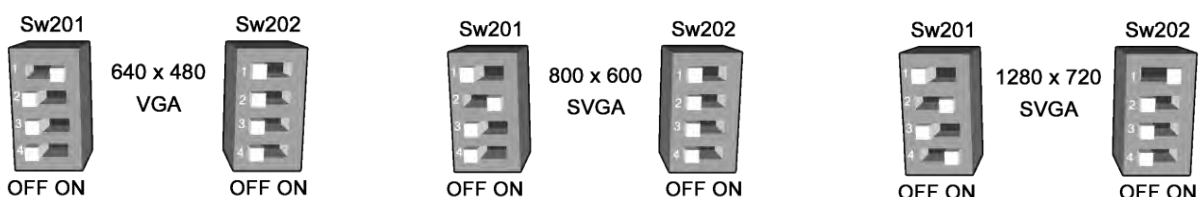


Example of PC Input with 1/8<sup>th</sup>-inch Audio Input

**Note:** PC Inputs on most televisions accept an 800x600 signal. *Some* models will only display a 640x480 signal and *others* will accept up through a 1280x720 signal across VGA, but not all. See television specifications for details.

### DIP SWITCH SETTINGS:

Prior to power up set the DIPs as shown:

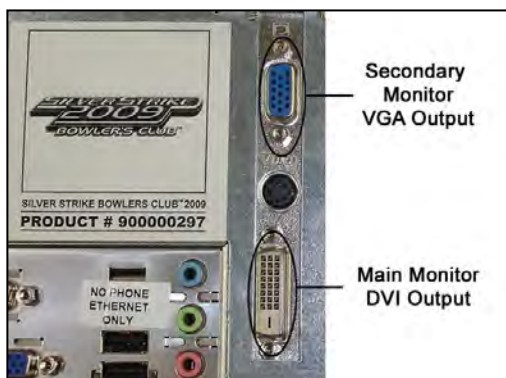




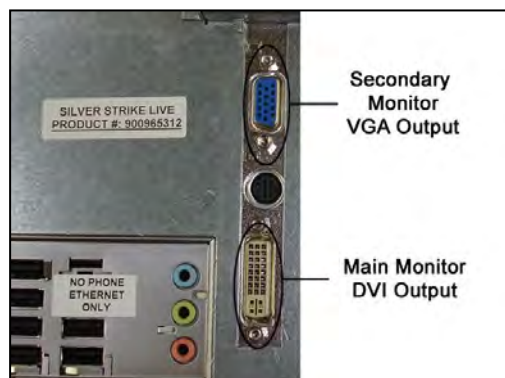
## Showpiece Audio and Video Connections Guide

### DVI to HDMI

#### 5200 Video Card (865 Motherboard)



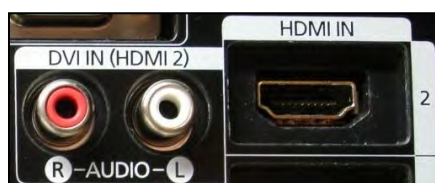
#### 7300 Video Card (965 Motherboard)



**VIDEO:** To expose the DVI Output, remove the DVI to VGA Adapter from the lower port on the video card. Connect a DVI to HDMI Cable (or DVI to HDMI Adapter w/ a HDMI Cable) to the Main Monitor DVI Output. Run the HDMI end to the desired HDMI input of the television.

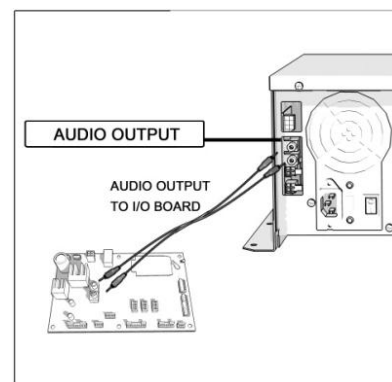
**Note:** Some televisions designate which input should be used for DVI to HDMI connections.

**AUDIO:** Connect the RCA Cables to the System Box Audio Output (RCA contacts next to the Power Supply). If your television is equipped with RCA Inputs designated to a HDMI Input, you may route your RCA Cables here to output sound across the television speakers.



Example of HDMI Input with RCA Inputs

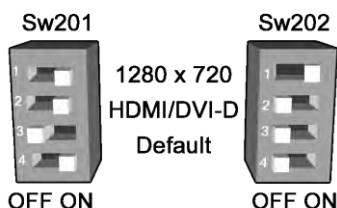
If your television is NOT equipped with RCA Inputs designated to a HDMI input, route RCA Cables to the I/O Board RCA inputs for sound across the cabinet speakers. (See diagram at right.)



Route to I/O Board if no HDMI Input with RCA Inputs

### DIP SWITCH SETTINGS: (Standard 720P HDTV)

Prior to power up set the DIPs as shown:





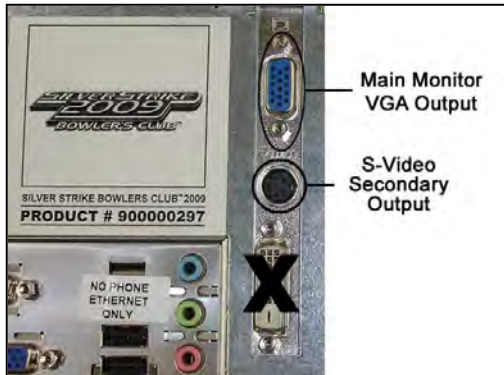


## Showpiece Audio and Video Connections Guide

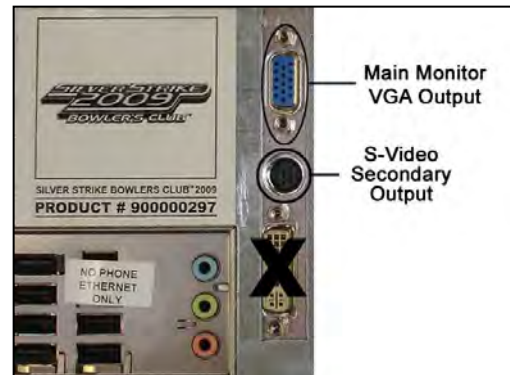
### Silver Strike Bowlers Club 2009 5200 or 7300 Video Card

#### VGA

##### 5200 Video Card (865 Motherboard)



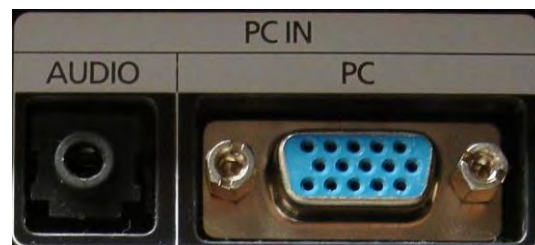
##### 7300 Video Card (965 Motherboard)



**VIDEO:** Connect the VGA cable to the upper port of the video card. Run the VGA cable to the PC input (VGA) of the television. **Note:** DVI is **not** an option with Silver Strike Bowlers Club 2007 or 2009.

**S-VIDEO:** S-Video can be used if VGA is unavailable at the television input, or to display out to a secondary monitor.

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA audio out on the system box to a 1/8<sup>th</sup>-inch Stereo Y-Adapter. Connect to the television PC audio input.

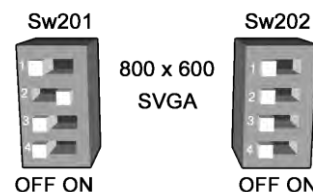
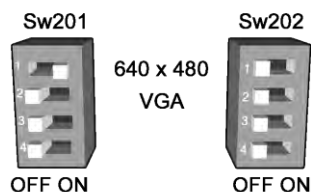


Example of PC Input with 1/8<sup>th</sup>-inch Audio Input

**Note:** PC Inputs on most televisions accept an 800x600 signal. *Some* models will only display a 640x480 signal and *others* will accept up through a 1280x720 signal across VGA, but not all. See television specifications for details.

#### DIP SWITCH SETTINGS:

Prior to power up set the DIPs as shown:





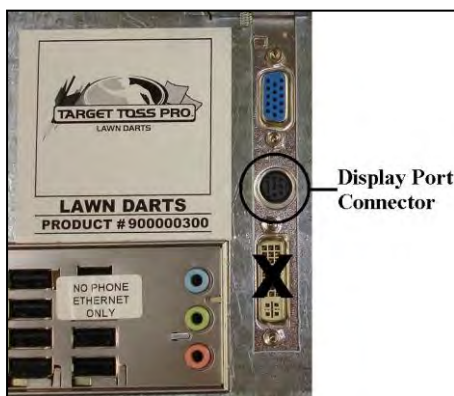


## Showpiece Audio and Video Connections Guide

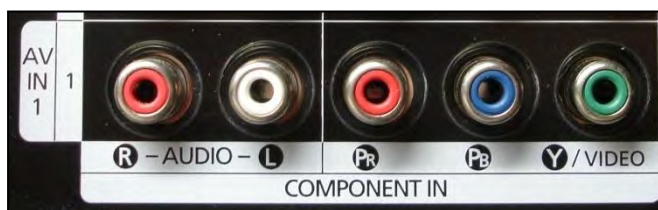
### TTP Lawn Darts 7300 Video Card

#### Component

**VIDEO:** Using the component adapter, connect the Display Port to the Video Component In on the rear of the television (Red-Pr, Green-Y, Blue-Pb or RGB).



Component Adapter

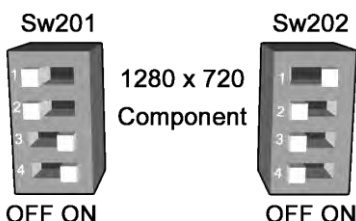


Audio/Video Component In - Example

**AUDIO:** Connect the 2-wire RCA (red and white) audio cable from the RCA Audio Out on the system box to the same input of the television used for the component cables.

#### DIP SWITCH SETTINGS: (Standard 720P HDTV)

Prior to power up set the DIPs as shown:



**Note:** In the event the image being displayed is overshooting *or* not extending to the perimeter of the screen, increase or decrease the image size by opening Operator Adjustables in the game, and then choosing **Main Menu → Troubleshooting Shortcuts → Screen Size Adjustments**. When finished select **DONE**, and the game will reset to configure the new screen size setting.



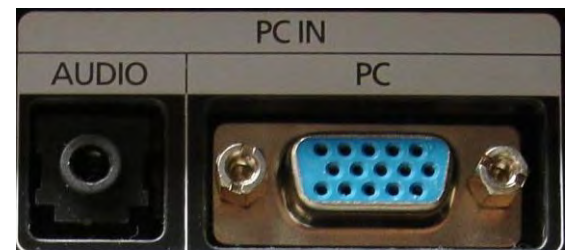
## Showpiece Audio and Video Connections Guide

### VGA

**VIDEO:** Connect a VGA Cable to the upper port of the video card and run the VGA Cable to the PC Input (VGA) of the television.



**AUDIO:** Connect the RCA Cables to the System Box Audio Output (RCA contacts next to the Power Supply). Install a 1/8<sup>th</sup>-inch Stereo Y-Adapter to the end and connect to the television PC Audio Input.

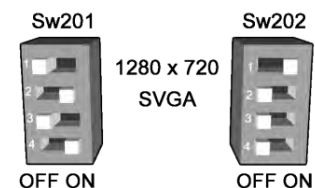
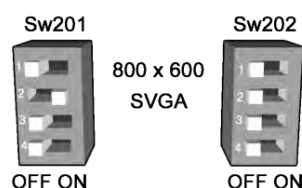
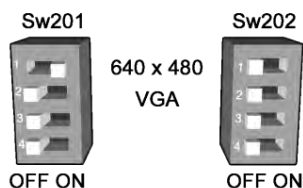


Example of PC Input with 1/8<sup>th</sup>-inch Audio Input

**Note:** PC Inputs on most televisions accept an 800x600 signal. *Some* models will only display a 640x480 signal and *others* will accept up through a 1280x720 signal across VGA, but not all. See television specifications for details.

### DIP SWITCH SETTINGS:

Prior to power up set the DIPs as shown:





## Showpiece Audio and Video Connections Guide

### Connection / Resolution Options Per Game Type

#### Golden Tee LIVE 7600 & 9500 Video Cards (VC)

- VGA (7600 or 9500 VC)
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)
  - 1280x720 (16:9 aspect ratio)
- Component (7600 VC)
  - 1280x720 (16:9 aspect ratio)
- HDMI (9500 VC)
  - 1280x720 (16:9 aspect ratio)
- DVI → HDMI (7600 or 9500 VC)
  - 1280x720 (16:9 aspect ratio)

#### GT LIVE Audio Output Options by Product Number:

- **900000298R**  
(DG31PR Motherboard with 9500 Video Card)
  - HDMI
  - DVI
  - RCA Outputs
- **900000298**  
(915 / 965 Motherboard with 7600 Video Card)
  - RCA Outputs
- **900095298R**  
(915 / 965 Motherboard with 9500 Video Card)
  - RCA Outputs

ALL SYSTEMS LISTED BELOW OUTPUT AUDIO ONLY ACROSS THE SYSTEM BOX RCA OUTPUTS:

#### \*Silver Strike Bowling 5200 Video Card (VC)

- VGA
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)

\*16:9 aspect ratio is NOT supported

#### \*Silver Strike Bowlers Club 5200 & 7300 VC

- VGA
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)

\*16:9 aspect ratio is NOT supported

#### Silver Strike LIVE (5200/7300/9500 VC)

- Component (7300 VC only)
  - 800x600 (4:3 aspect ratio)
  - 1280x720 (16:9 aspect ratio)
- DVI → HDMI
  - 1280x720 (16:9 aspect ratio)
- VGA
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)
  - 1280x720 (16:9 aspect ratio)
- HDMI (9500 VC)
  - 1280x720 (16:9 aspect ratio)

#### Power Putt 8500 & 9500 VC

- VGA (8500 or 9500 VC)
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)
  - 1280x720 (16:9 aspect ratio)
- Component (8500 VC)
  - 1280x720 (16:9 aspect ratio)
- HDMI (9500 VC)
  - 1280x720 (16:9 aspect ratio)
- DVI → HDMI (8500 or 9500 VC)
  - 1280x720 (16:9 aspect ratio)

#### \*Target Toss Pro 7300 VC

- VGA
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)

\*16:9 aspect ratio is NOT supported

#### TTP Lawn Darts 7300 VC

- VGA
  - 640x480 (4:3 aspect ratio)
  - 800x600 (4:3 aspect ratio)
  - 1280x720 (16:9 aspect ratio)
- Component
  - 1280x720 (16:9 aspect ratio)