

SRJO's Livestream Cheat Sheet

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Part 1

Using your electronic ticket

If you have already purchased your ticket to an SRJO concert, then you should have received an email message with the subject "Your Order Has Been Submitted" that was sent by our ticketing manager, Angie Bunker (sent using the email address "e.grosenick@srjo.org" or "a.bunker@srjo.org").

In that email, you will find a long, blue bar that looks something like this:



ΩΒθ œ Σ æ ΔθΒ Ωμ ΒΔ æμΩ Βθœ Σ æ ΔθΒΩ μ ΒΔ æμΩ

This blue bar is your "electronic ticket" for gaining entry to the concert. *Your* blue bar has this text (in white letters) superimposed on it with the name of the actual SRJO concert you want to view.

You can click that blue bar *at any time* to launch the web browser application on your computer, and that will automatically connect you to the SRJO concert. However, doing so *before* a concert's actual broadcast date will only open a window that tells you that there are still a number of days and/or hours to wait before the concert begins. When that countdown reaches zero, you will see the concert "go live" on your screen.

Thus, we are not providing you with a URL. You are taken automatically to the correct URL by clicking the blue bar/ticket.

You can click the blue bar *right now*, if you like, to try it out. If the countdown shows that you have a while to wait, you can leave it running, or QUIT the browser application and come back later with no problem.

Now, this might raise the question for you, "am I required to watch the concert on the same device that I use for reading e-mail messages?" Watching the concert on that same device is, without a doubt, the easiest and most secure method. However, for people who want to use a large screen Smart TV, detailed instructions are provided below, in "Part 2."

Please note that all SRJO concerts will remain available for viewing for at least one full week following the original broadcast, so if you at first have trouble viewing it, you can try again later in the week.

Please run a test! See the "run a test" invitation at the bottom of this instruction sheet. In part three of this Cheat Sheet, there is a link that you can click to view "test videos" from SRJO. The link launches a short, 7-minute video that requires no ticket.

Part 2

Hooking up a Smart TV

If you have a Smart TV, you have three options for using it to watch an SRJO concert (whether the concert is being broadcast live, or played from a pre-recorded video):

Option 1: Use your computer's connection to the internet and connect your TV to that computer using a cable (typically an HDMI cable)

Option 2: Use your computer's connection to the internet and wirelessly "cast" the signal to your TV.

Option 3: Use the Smart TV's own connection to the Internet

Note: If you are unable to connect through a Smart TV, then just watching the SRJO concert directly on your computer, laptop, cell phone or tablet is the easiest method for viewing/hearing the concert. Please note that all SRJO concerts will remain available for viewing for a full week following the original broadcast, so if

you at first have trouble viewing it, you can try again later in the week. Please run a test! See the "run a test" invitation at the bottom of this instruction sheet.

Option 1

Use your computer's connection to the internet and connect the TV to your computer using a cable (typically an HDMI cable).

We feel that the easiest and most reliable way to watch web videos on your big-screen TV is to manually connect your computer/laptop and your television by running a cable between them. Most Smart TVs have one or more ports for HDMI cables, and most (but not all) computers can send out a signal using an HDMI cable.

An HDMI cable can handle both audio and video. As long as your TV is newer than, say, eight years old, it should have multiple HDMI input ports on the back or side. Your cable TV box probably occupies one HDMI slot, so try to leave that in place and use another HDMI slot.

Here's how to get going:

Step 1. Pick up a spare HDMI cable (they are fairly affordable, \$10 or less). Visit an electronic supply store, order one online, or borrow one from a friend/family member if you don't already have an extra HDMI cable.

Step 2. Plug one end of the HDMI cable into the HDMI output port on your computer or laptop. If your computer doesn't have an HDMI output port, then you might need a converter/adaptor that connects the HDMI cable to some other output port on the computer (such as a USB port).

Step 3. Plug the other end of the HDMI cable into your television's HDMI port (you may need to move your computer closer to the TV, and it's often a good idea to keep the computer/laptop plugged into an electrical outlet, so it doesn't run low on battery power while you're watching a video).

Step 4. Use your TV remote to change the **Source** or **Input** to the port you used to connect your computer/laptop (such as HDMI 2 or HDMI 3). You should quickly see on the Smart TV the same things that are displayed on your computer screen.

Step 5. Use your computer trackpad or mouse to locate and open your e-mail application that is on your computer. Open the email message sent from SRJO that gives you access to the concert, and **click on the large blue bar of the concert to watch** the video. It will play on your TV and computer at the same time.

Option 2

Use your computer's connection to the internet and wirelessly "cast" the signal to your TV.

Today's Smart TVs let you transmit videos from your computer, laptop, smartphone or tablet without the use of a physical cable. The setup for this depends on the kind of TV you have. Some TVs have the built-in ability to receive a signal that is "cast" to it from a computer/laptop/smartphone/tablet. Many modern TVs use "Chromecast" as their built-in service for linking up wirelessly to a separate device.

If "casting" ability is not built-in, then your TV might have a separate streaming media adapter (or "dongle") connected to it, such as an Apple TV, Roku, Miracast or Chromecast adapter, and that adapter is what will receive a signal being cast to it. This extra adapter is probably connected to one of the HDMI ports on your TV.

To take advantage of wireless casting of a video, you must first make sure that your Smart TV is connecting to the same Wi-Fi network that you use for the computer/smartphone/tablet that will play the video. Then, open the settings on your Smart TV to tell it to accept a signal being sent wirelessly to it, or set the "source" of incoming signal to the separate streaming media adapter (Chromecast, Apple TV, or Roku, etc.) if you are using one of those with the TV.

For TV's with built-in ability to connect wirelessly with other devices, the connecting technology might be called DLNA (Digital Living Network Alliance-- your TV user manual can tell you if it is "DLNA certified") or Miracast (as in "mirroring" your computer screen onto the TV screen). If you are using a separate streaming media adapter (Chromecast, Apple TV, or Roku, etc.), then you will tell your computer to send the video signal out to that adapter.

If you are using a separate adapter to accept streaming media wirelessly, then you might need to open software on your computer/smartphone/tablet to instruct it to send out a signal wirelessly. To do that on an Apple computer, you open the

"AirPlay" utility to look for a compatible device to send to (such as the Apple TV adapter). On a PC, many users like using the Google Chrome browser to play videos, because that browser has its own built-in ability to connect wirelessly to a Chromecast adapter (or to a Chromecast enabled Smart TV). Here is a good web site that provides more details about "mirroring" from a computer to a TV using Chromecast:

<https://www.howtogeek.com/199565/mirror-anything-from-your-computer-to-your-tv-using-google-chromecast/>

Option 3

Use the Smart TV's own connection to the Internet to access email.

A Smart TV can connect to the internet to access content, but there are few different ways to do so. Since SRJO is sending you an email message that contains your personal access code for concerts, you can use your TV to open that email and then "click the large blue bar/rectangle" that appears in the SRJO email.

Some people already use their Smart TVs to open and read email. If you are among those people, you can skip to STEP 1 (below)

If you are NOT set up for email on your TV, you can use an internet browser application on your TV (similar to Firefox, Google Chrome, Safari or something similar) to access your email account . Some Smart TVs have their own proprietary internet browser pre-installed (you select "SOURCE" on your TV, and tell it to browse the internet as the source of signal coming into your TV).

Using a browser on a TV is much like you do on your computer and tablet: launch the browser application, and then go to the web site of your email provider (such as Gmail.com or Hotmail.com), and log into your email account.

If you don't already have a browser application on your Smart TV, then consult the owner's manual for the TV (or search the "help" information on the TV screen) to find out how to load a browser application into the TV.

Once you are able to access your email on the TV screen, follow these steps to view the SRJO concert:

1. Open your email account on your TV.

2. Find your SRJO ticket confirmation email message (sent to you at purchase as well as 24 hours prior to concert) and open it.
3. In that SRJO message, scroll down to locate the large blue bar giving access to the concert, then click the blue bar to watch the show.
4. Turn up the volume on your TV as needed, and you might need to turn up output volume on your computer as well (so the audio signal going out is not silent).

That's it! You should see the video starting to play on your TV screen.

5. Optional: You might want to enlarge the display of the video to fill up the entire screen (full screen mode) of your computer and the entire TV screen. To do that, using your computer mouse/touchpad, click the small "full screen" icon (usually a small cluster of two or four arrows pointing away from each other) located in a corner of the window displaying the SRJO video.

Part 3

Run a Test with an SRJO video before Nov. 7th

Once you have set up the connection between your SmartTV and your computer/phone/tablet, you're invited to view the SRJO 25th Anniversary video as a test of your system. The 7-minute video is available free-of-charge at this link:

<http://michaelbrockman.com/Gala2020Videos/SRJO-2020GalaVideo-60MB-B.mp4>

Try clicking the above link to run a quick test of how you view music on your computer/TV system (you can also copy the link, and paste it into the address field at the top of the window in any browser application you are using).

Part 4

Advice collected from individual SRJO fans

Many SRJO fans were initially successful at gaining access to the Nov. 7 broadcast of our streaming concert, but found the display to be "choppy" or slow, and in some cases the show was completely frozen.

In such cases, it's always best to "pare down" to the most streamlined Internet system possible, maximizing the speed with which signal gets to your computer/laptop/smartphone/tablet. For example, it helps to temporarily disconnect

any Internet connection being used by other devices in your home (for example, tell all other computers in the house to *not* use your network). The easiest way to do this might be to simply shut down all devices you are not using to view a streaming concert (this is also true for streaming movies and other video shows over the Internet).

Also, any Web browser applications (such as Firefox, Chrome, or Safari) that you use are very frequently filled up with "cookies," so everything coming over the Internet is being drastically slowed down at all hours of the day. Even if the connection to our SRJO show initially works, the stream of any video can become horribly clogged up by cookies you have on your computer, and on *any* other device that is using internet (smartphones, smart TVs, tables, and more). Cookies collect data from your computer system, and without your knowing it, run in the background to send loads of information in/out of all of your computers and device---even cookies loaded into browsers that you are not currently using!

Clearing out cookies requires a different set of steps for every browser on every device you own. Most browsers will let you open "Preferences," where you can find controls for deleting cookies and other data that tracks your browsing history. To learn more, try searching the internet for tips about clearing out cookies from your specific browser software, and your specific devices.

Still Have Questions?

e-mail us: info@srjo.org

We're here to help! The sooner we hear from you,
the more time we will have to give you assistance.

- Your SRJO Staff and Volunteers