

This year will indeed be different. Beth El will be streaming our High Holiday services so you can enjoy safely in your home. We have prepared these instructions and tips so you can enjoy the services using Zoom and maintain Jewish Law – Halakhah as defined during these special times.

The goal is to have everything pre-set before the holidays so that no typing is involved and only a click or two.

Zoom is the most popular video streaming service on the market. Over 300 million people use the service every day.

Here are some options on how to watch our services:

1. On your desktop or laptop computer.
2. On your Kindle, iPad, iPhone, or Android (Samsung) tablet or phone.
3. On your TV.

We have detailed instructions below with links to other resources and videos.

Important:

1. Before the High Holidays go to Zoom here: <https://zoom.us/test>
2. This is a free service Zoom offers to set-up and/or test your desktop, laptop, iPad, Samsung, Kindle, or any device BEFORE you need to connect to our Zoom High Holiday Services.
3. We suggest you do this free test on more than one device in your home, so you have a backup.

By and large the best way to cast or stream content from your phone, tablet or computer to your TV is to plug in a device like Google Chromecast, Apple TV, Roku or Amazon Fire TV Stick into your HDMI port on your TV. You can purchase these devices at Amazon, Wal-Mart, Target,

Best Buy, ABT and other retailers like office supply stores. Google Chromecast and Amazon Fire TV Stick retail for about \$30. These devices simply plug in and installation takes just minutes.

Tips:

1. Desktop or Laptop Computer:

- a. Before the High Holidays services please reboot your computer. Computers can 'leak' memory and video applications like Zoom will be more efficient with maximum memory.
- b. Streaming can be resource intensive for your computer/phone/tablet, so as possible we suggest you do not have other windows and programs open such as other browser windows, e-mail, applications, etc.
- c. If you have not done this step yet before the High Holidays go to Zoom here: <https://zoom.us/test> . This is a free service Zoom offers to set-up and/or test your desktop or laptop. Do not worry if your computer does not have a microphone, our High Holiday broadcast does not require the use of any microphone.
- d. Go to <https://www.nssbethel.org/hhmembers> so you are ready to watch with a minimum of clicks. We suggest you bookmark or leave your browser (i.e. Chrome, Firefox, Safari, Edge, Opera) open so you can simply click once and enjoy the services.

2. Phone or Tablet:

- a. Before the High Holidays services please reboot your phone or tablet.
- b. If you have not done this step yet before the High Holidays go to Zoom here: <https://zoom.us/test> . This is a free service Zoom offers to set-up and/or test your phone or tablet. Zoom has free apps for Android, Kindle, and Apple devices. If you

have not downloaded the Zoom app previously you will be required to download the app. The test link above will guide you every step of the way.

- c. Go to <https://www.nssbethel.org/hhmembers> so you are ready to watch with a minimum of clicks. We suggest you bookmark or leave your browser (i.e. Chrome, Firefox, Safari) open so you can simply click once and enjoy services.
3. Television - If possible, streaming services on a larger screen like your TV is the best option. You will need to review if you have a modern TV that has an HDMI port. Most TV's since 2002 have HDMI ports. This will allow more space for your family to gather to enjoy the prayer service experiences.

These instructions are provided with the suggestion that you set up your TV and casting (see below) before the Jewish Holiday begins. Your goal should be to simply click the one Beth El Zoom link to begin services, with any casting or cable connections tested and enabled before the holiday starts.

Option A - HDMI Connection with Cable

TV's began adding HDMI ports to Televisions in 2002. It is often on the side or back of your TV. HDMI cables transmit audio and video (pictures and sound).

You can purchase an HDMI cable at Amazon, Wal-Mart, Target, Best Buy, ABT and other retailers. Just measure the length from your TV to the computer. A 25-foot HDMI cable is usually \$17 - \$25.

Almost all desktop computers have an HDMI port. Many standard PC laptop computers have an HDMI port. Some newer PC and MAC

computers do NOT have an HDMI port but rather require an optional connector for an HDMI cable. Apple, HP, Dell, etc. all offer HDMI cable adapters for their tablets and computers if an HDMI port is not built into your computer.

As an example you use the [Apple Lightning Digital AV Adapter](#) with your iPhone, iPad, or iPod with Lightning connector. The Lightning Digital AV Adapter supports mirroring of what is displayed on your device screen — including apps, presentations, websites, slideshows, Zoom and more — to your HDMI-equipped TV, display, projector, or other compatible display in up to 1080p HD.

As well, the Apple [USB-C Digital AV Multiport Adapter](#) lets you connect your USB-C-enabled Mac or iPad Pro to an HDMI display. This adapter allows you to mirror your Mac display to your HDMI-enabled TV or display.

To connect your Laptop (or Desktop) to your TV is easy if you have the HDMI cable and if needed the HDMI connector/adaptor:

Step 1 - Power on your laptop and TV (both with HDMI ports).

Step 2 - Plug the HDMI cable into both your laptop/desktop and TV HDMI port.

Step 3 - Your TV may have a blue screen showing 'No signal' or similar. Press INPUT or SOURCE button on your TV remote. Then use the Arrow button to choose the HDMI port – often it is HDMI 1 - on the TV screen. There may be 5 – 10 ports available so just keep pressing the Input button until you see your desktop/laptop/tablet/phone display.

Step4 - Now on your TV, you should see the same screen as on your laptop/desktop.

No Sound: If there is no sound from TV speakers check that the sound is not muted, and that the volume is set properly both on your laptop and TV.

No Picture: When you connect your PC to a TV over HDMI Windows should automatically detect and display an image on it. Just make sure the TV is turned on and set to the right video input.

If not, you can try this Windows 10 shortcut: Windows Key + P. Hold down the Windows Key and press P multiple times to cycle through the various options: Laptop Screen Only > Duplicate > Extend > Second Screen Only. You will probably want Duplicate or Second Screen Only option.

If that doesn't solve it, on your laptop right-click on the Windows 10 desktop and choose Display Settings and [read more here](#).

Here is an [excellent article](#) with more tips or a [great video](#).

Option B – Casting

Casting is used by mobile devices such as tablets and phones as well as personal computers to play content on a high-definition television or home audio system. The protocol was first launched in 2013.

In 2013 (and today) to cast you simply purchased a device such as Google Chromecast, Apple TV, Roku, or Amazon Fire TV Stick, plug into your HDMI port on your TV and you can cast! Again, you can purchase these devices at Amazon, Wal-Mart, Target, Best Buy, ABT and other retailers like office supply stores.

In the last few years new TV's often have a casting system built in so you do not need to purchase a device like Google Chromecast, Apple TV, Roku, or Amazon Fire TV Stick.

Casting is easy and in minutes you can use your phone, tablet or laptop and 'cast' or 'show' the Zoom High Holiday Services on your TV. Here are the steps ONLY if you have a device (i.e. Chromecast, Fire Stick) installed or a newer TV that supports casting:

- Turn on your TV.
- Turn on laptop, Tablet or Phone.
- Follow cast instructions – we list a few below:
- **For Apple Devices:**
 - Make sure your laptop or iOS device is on the same Wi-Fi network as the Apple TV you plan to use to mirror High Holiday services.
 - Launch the Zoom High Holiday services from the link described above.
 - To AirPlay (cast) from your iOS device (i.e. iPad or iPhone), open the Control Center and tap Screen Mirroring. Then tap the Apple TV or other AirPlay compatible options. Your Zoom meeting will now be mirrored or 'cast' on that TV. You can access the 'Control Center' on a recent iPhone by swiping down from the top right.
 - To AirPlay from your Mac, select the AirPlay icon at the top of your Mac's menu bar and then select Apple TV (or other AirPlay-compatible option) from the dropdown menu. Your Zoom meeting should now display on the TV.

Note: If you are an iPhone or iPad user, there is an excellent free third-party app to cast a Zoom meeting to your TV. We highly recommend you download Chromecast Streamer as it is extremely easy to use:

- 1. Open the App Store and install 'Chromecast Streamer' (also called 'Streamer for Chromecast' app on your iPhone or iPad.

- 2. Open the app and click on the green “Cast” icon on the top of the app. Second from the left.
- 3. If your iPhone/iPad and TV are connected to the same Wi-Fi network, the Chromecast device name will appear on the app. Click on the device name to connect at the top to select.
- 4. Click ‘connect’ again on the bottom pop-up.
- 5. Now click on the ‘Screen Mirror’ option and tap on the screen mirroring icon on the next page.
- 6. A pop-up will appear. Click on the “Start Broadcasting” button.
- 7. Your iPhone/iPad will now get mirrored on your TV.
- 8. Open Zoom Meeting app via the Beth El link above, connect to the services and now you can enjoy services on your TV if casting is supported.

From a Laptop or Desktop via Chrome Browser:

- Open the Chrome browser and open the Zoom High Holiday Services on your computer.
- Click the three-dotted icons on the top right corner of your screen.
- Choose the Cast option (about halfway down the list) from the list of the options displayed.
- Your Chromecast device(s) will be displayed, click the desired device (i.e. Family Room TV).
- Now look for the Sources tab (on bottom) and choose ‘Cast Tab’.
- Now your Zoom Tab is cast to your Chromecast. Do not close the Chrome browser.

From an Android Phone or Tablet like Samsung:

- Use two fingers held slightly apart to pull down the extended notification menu > Tap Screen Mirroring. Your device will now scan for TVs and other devices to which they can be mirrored.

- Tap the TV you wish to connect to (i.e. Family Room TV). Your TV must have the screen mirroring function switched on for this to work. Your device will now begin connecting to your TV.
- Once connected, your mobile device screen will now be displayed on the TV.

Here is more information on [Android casting options](#).

General Casting Resources:

- Here is a [nice video](#) that goes over both Casting and HDMI cable options.
- Here is a [nice step by step article](#) that goes over both Casting and HDMI cable options.

Livestreaming Support

If when setting this up before the holiday you are having trouble viewing the broadcast, here are some troubleshooting tips that might help:

IF YOU'RE WATCHING ON A MOBILE DEVICE:

Our live stream should be accessible in the browser of all modern tablets and cell phones, including iPhones, iPads, and Android devices. Make sure you are connected to Wi-Fi or LTE to ensure a fast-enough Internet connection.

IF YOU'RE WATCHING ON A COMPUTER:

Try rebooting your computer. This often helps clear up issues.

Clear your browser's cache. Here are [instructions](#) on how to do this on different browsers and computers.

Try a different web browser. We recommend Google Chrome, Safari or Firefox; other browsers are Edge (formerly Internet Explorer) and Opera.

Shut down other programs and close other web pages. Streaming uses a lot of your computer's resources and running other programs at the same time may interfere with the live stream.

Check your antivirus or security software: sometimes they can interfere with streaming. Pause any security scans or software updates while trying to stream.

Streaming works best on a fast broadband Internet connection, such as cable, T1, and FiOS. Most cellular Internet connections work fine. Connections including dial-up and DSL may not be fast enough for live streaming.

If the video on your screen keeps freezing or seems slow it is helpful to turn off the internet on any other devices in your home, such as smartphones and tablets, or to power them off completely. If you can plug directly into your internet source with an Ethernet cable, that may also resolve any issues.