

# Attorney's Manual for Courtroom Technology

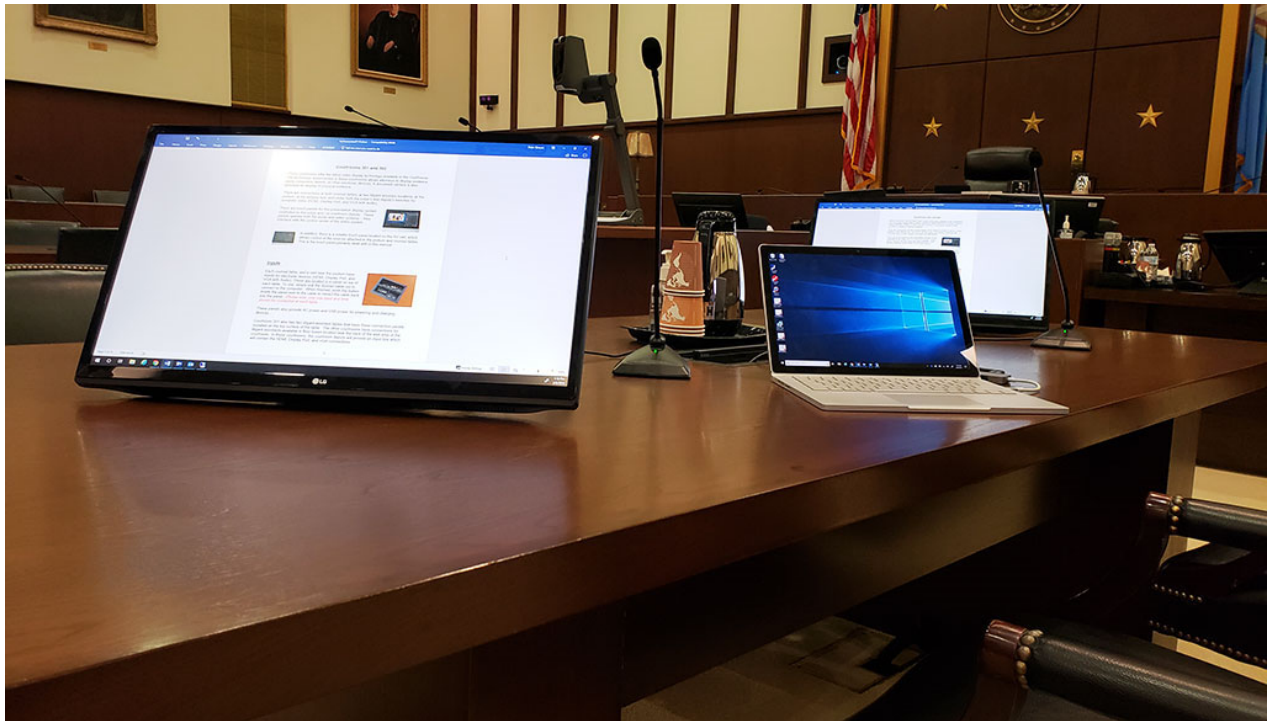


U. S. District Court  
Western District of Oklahoma  
*Updated 4/2026*

## Overview

The U.S. District Court, Western District of Oklahoma launched a program several years ago to provide state-of-the-art technology for evidence presentation in the courtroom. A key goal was to provide systems that are sophisticated, user-friendly, and flexible. The result of this effort is a choice of evidence presentation technologies to satisfy the different requirements attorneys may have.

This guide is a general overview of the courtroom equipment, containing some basic orientation and instructions. For more detailed information and instructions, the Clerk's Office staff will be happy to assist you.



## Courtrooms 301, 302, 303, 304, 305, 401, 501 and 502

These courtrooms offer the latest video display technology available in the courthouse. The technology implemented in these courtrooms allows attorneys to display evidence using computers, tablets, or other electronic devices. A document camera is also provided for display of physical evidence.

There are device connections at both counsel tables, at two litigant assistant locations, at the podium, at the witness box, and under both the judge's and deputy's benches.

There are touch panels for the presentation display system controlled by the judge and / or courtroom deputy. These panels operate both the audio and video systems – they interface with the control center of the entire system.



In addition, there is a smaller touch panel located on the AV cart, which allows control of the sources attached to the podium and counsel tables. This is the touch panel primarily dealt with in this manual.

### Inputs

Each counsel table, and a cart near the podium have inputs for electronic devices – All courtrooms accept HDMI input sources. Courtrooms 301, 302, 303, 401, and 501 also have connections for USB-C devices. All connections are located in a panel on top of each table. To use, simply pull the desired cable out to connect to the computer. When finished, push the button inside the panel next to the cable to retract the cable back into the panel. **Note: only one input at a time should be connected at each table.**



These panels also provide AC power and USB power for powering and charging devices.

Courtroom 301 has two litigant assistant tables that have these connection panels installed on the top surface of the table. The other courtrooms have connections for litigant assistants available in floor boxes located near the back of the well area of the courtroom. In these courtrooms, the Clerk's Office staff will provide an input box which will contain the device connections.

## A/V Cart

Next to the podium is an A/V cart. On top of the cart is a document camera, touch panel, input panel, and annotation monitor.

The courtroom deputy will assist with the setup of the equipment, and the placement of the podium.

In most cases, the equipment in the courtroom will be powered on and ready to use before a court proceeding. The following page should be displayed:



The buttons on the top of this page allow selection of evidence to display from any of the following locations:

- Left attorney table
- Left litigant assistant location
- Right attorney table
- Right litigant assistant location
- *(Left/Right is as facing the bench)*
- Document camera
- AV inputs on top of the AV cart

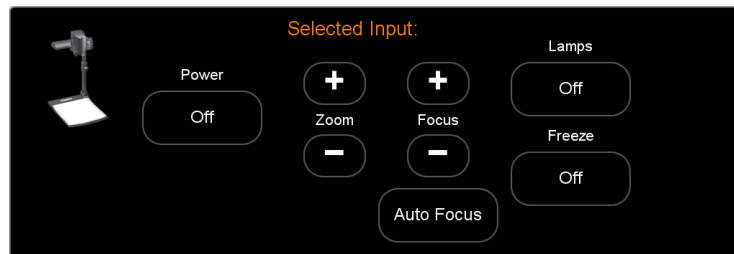
The buttons on the bottom include volume control (for evidence volume only) and a Clear Annotation button that will remove any markings made using the annotation monitors.

## The Document Camera



The document camera allows any item that is placed on its display surface to be viewed on the courtroom monitors. You can use the document camera to display virtually anything: 3-D objects, transparent sheets, slides, and opaque presentation materials. This document camera projects a clear image of evidence so that all counsel, the witness, and the jury have the same perspective of the exhibit.


When Document Camera is selected on the touch panel, a set of controls appears for control of the document camera:



## Annotation



The courtrooms are equipped with three 24” touch screen LCD panels, one at the witness stand, one on the A/V cart, and one at the judge’s bench. These are used for annotating the evidence being presented. At each location, witnesses, judge, or counsel can “draw” on the image being displayed on the courtroom monitors by simply touching the monitor with a finger.

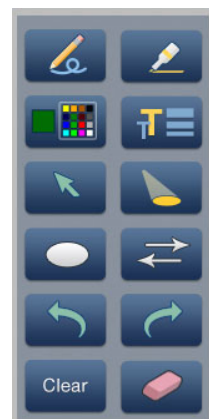
Touching this button  in the upper right corner of these monitors brings up a menu which allows control of line styles, colors, and other tools used while annotating.



**Freehand** — Select this button to draw freely on the display screen.



**Highlighter** — Select this button to highlight an area on the screen.





**Color** — Select this button to choose the color of any drawing function (fill or outline), text, or pointer color. On selection, a secondary palette opens with 16 color swatches. Select a color as desired. The active function now uses the selected color.



**Size** — Select this button to adjust size of text and/or line weight (not linked), after selecting a drawing or text function, such as line, rectangle, or text. A secondary palette opens displaying either line weight or text point size depending on the active function. From the secondary palette, select the desired size button. Functions this applies to are Text, Line, Arrow, Freehand, Highlighter, Arrows, Rectangle, Ellipse, and Eraser.



**Pointer** — Selecting this button changes the cursor to an extra-large arrow of the currently selected color.



**Spotlight** — Select this to create an ellipse to focus on a specific area of the screen, while the outer area brightness is greatly reduced. The shape and size of the ellipse is adjustable by dragging the cursor while outside of it, to any point. The ellipse can be moved to any point by dragging the cursor while within the ellipse.



**Ellipse** — Selecting this button allows the user to create an ellipse between the primary and the opposite corners of a non-drawn rectangle.



**Arrow** — Selecting this button allows the user to create a straight line between two points with an arrow at the end point.



**Undo** — Selecting this allows the user to undo the last 15 Completed annotations or undo a Clear action.



**Redo** — If selected while using the Undo function, it recreates the last undone annotation.



**Clear** — Selecting this clears the screen of all unsaved annotations, and can be undone with the Undo function.



**Eraser** — Select this to erase any non-saved annotations on the screen.

## **Display Devices**

In addition to the annotation monitors listed above, these courtrooms\* are equipped with eight individual 24" LCD monitors for the jury, as well as large LCD's for the gallery. 24" LCD monitors are also provided for each of the counsel tables, litigant assistant tables, and the deputy / court reporter.

*\* Courtroom 401 does not have individual monitors in the jury box, but rather large monitors for the jury to view.*

These courtrooms have the capability for a 'split screen' view for the jury monitors that can show both the evidence being presented, along with a live camera shot of the witness.

## **Microphones**

### *Attorney Locations*



On the base of these desk microphones there is a privacy mute button. Press and hold this mute button with your finger to mute this microphone in all speakers and all recording devices. *This is the only fully private mode. If the green light on the base of the microphone is lit, your voice could be picked up by the sound and/or recording systems.*

Wireless handheld or lapel microphones are also available for use.

## **Infrared System**

(Dual Channel Headset Receiver)



Courtrooms are equipped with IR transmitters and receivers used for both the hearing impaired and foreign language interpreting. This is a two-channel system:

Channel 1 broadcasts the proceedings for the hearing impaired;  
Channel 2 broadcasts the language interpretation

Transmitters are mounted on the walls behind the bench. The transmitter sends audio signals to the receivers using infrared technology.

A neck-loop is provided which transmits the signal from the receiver to T-Coil equipped hearing aids. Headphones are provided for those without T-Coil equipped hearing aids. The courtroom deputy will set up and coordinate the use of the equipment.

## Courtroom 503

This courtroom is similar to the others, however ONLY HDMI connections are available for connecting devices to the system.

There are HDMI connections at both counsel tables.

There are touch panels for the presentation display system controlled by the judge and / or courtroom deputy. These panels operate both the audio and video systems – they interface with the control center of the entire system.

In addition, there is a smaller touch panel located on the AV cart, which allows control of the sources attached to the podium and counsel tables. This is the touch panel primarily dealt with in this manual.



### A/V Cart



Next to the podium is an A/V cart. On top of the cart is a document camera, touch panel, input panel, and annotation monitor.

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In most cases, the equipment in the courtroom will be powered on and ready to use before a court proceeding. The following page should be displayed:



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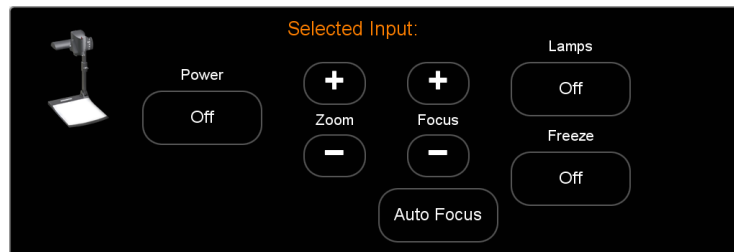
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When Document Camera is selected on the touch panel, a set of controls appears for control of the document camera:



## Annotation



The courtroom is equipped with two 24” touch screen LCD panels, one at the witness stand, and one on the A/V cart. These are used for annotating the evidence being presented. At each location, witness or counsel can “draw” on the image being displayed on the courtroom monitors by simply touching the monitor with a finger.

Touching this button  in the upper right corner of these monitors brings up a menu which allows control of line styles, colors, and other tools used while annotating.



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**Eraser** — Select this to erase any non-saved annotations on the screen.

## Display Devices

In addition to these annotation monitors, this courtroom is equipped with 2 large LCD monitors for the jury / gallery. 24" LCD monitors are also provided for each of the counsel tables, the judge, and the deputy / court reporter.

## Microphones

### *Attorney Locations*



On the base of these desk microphones there is a privacy mute button. Press and hold this mute button with your finger to mute this microphone in all speakers and all recording devices. *This is the only fully private mode. If the green light on the base of the microphone is lit, your voice could be picked up by the sound and/or recording systems.*

Wireless handheld or lapel microphones are also available for use.

## Connecting a device in the courtroom:



Your device can be connected at either of the counsel tables, or at the A/V cart. Please ask the courtroom deputy for assistance regarding any specific needs.

*Note: Attorneys are responsible for providing any adapters needed to interface presentation devices with inputs available in the courtrooms.*

## Magistrate Courtrooms 101, 102, 103, and 201

These courtrooms offer a single HDMI input at the podium location for connection of devices. Please consult with the courtroom deputy for connection of equipment to the courtroom system.

### **Display Devices**

These courtrooms are equipped with a single large LCD monitor for display. 24" LCD monitors are also provided for each of the counsel tables, the judge, and the courtroom deputy.

### **Microphones**

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