

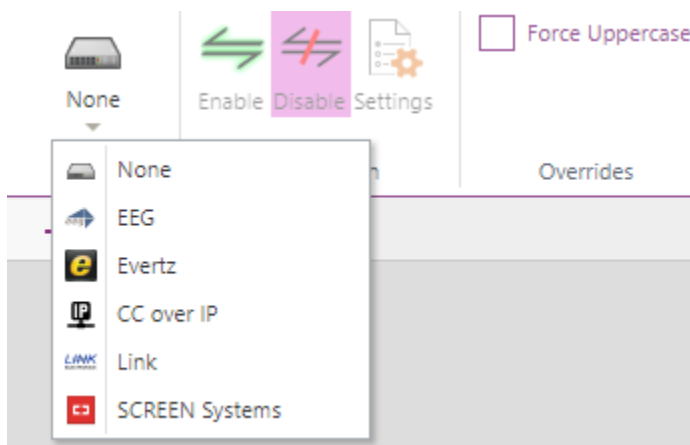
Connecting to Closed Captioning

How to connect to Closed Captioning:

1. Select the Captioning Tab.



2. From the device drop down select your device.



3. Once selected open the "Settings" to configure:



(See additional sections for individual device settings)

4. Once configured, select OK and then "Enable" to connect to the captioner:



5. Connections to the Closed Captioning encoder will start.

Device Setting Requirements:

EEG:

Captioner Configuration (COM Port)

COM4 COM Port

1200 Baud Rate

seven Data Bits

one Stop Bits

odd Parity

☐ No Use Hardware Flow Control

Open Command
^A2 3 b15^M

Close Command
^M^C^M

Pre-line access

Line Offset from Cue Marker:
2

OK Cancel

EEG Settings:

- **COM Port, Baud Rate, Data Bits, Stop Bits, and Parity:** Set these to match the encoder settings. (These also need to match in the driver properties for the COM port in Windows)
- **Open Command, Closed Command, and Pre-line access:** Control-A codes that should be pre-filled depending on the encoder chosen.

Additional Options:

- **Use Hardware Flow Control:** If checked, enables this feature on the COM port if the device is set up to use it.
- **Line Offset from Cue Marker:** a slider for how many lines the captioner will be offset from the current prompt. If captioning is coming out too slow, increase this number. If captioning is coming out too soon, decrease this number.

Evertz (COM Port):

Captioner Configuration (COM Port)

COM2 COM Port

1200 Baud Rate

seven Data Bits

one Stop Bits

odd Parity

☐ No Use Hardware Flow Control

Open Command
^A2 C1 3^M

Close Command
^M^C^M

Pre-line access

Line Offset from Cue Marker: 2

OK Cancel


Evertz Settings:

- **COM Port, Baud Rate, Data Bits, Stop Bits, and Parity:** Set these to match the encoder settings. (These also need to match in the driver properties for the COM port in Windows)
- **Open Command, Closed Command, and Pre-line access:** Control-A codes that should be pre-filled depending on the encoder chosen.

Additional Options:

- **Use Hardware Flow Control:** If checked, enables this feature on the COM port if the device is set up to use it.
- **Line Offset from Cue Marker:** a slider for how many lines the captioner will be offset from the current prompt. If captioning is coming out too slow, increase this number. If captioning is coming out too soon, decrease this number.

CC Over IP:



Captioner Configuration (IP)

Username
EVERTZ

Password

Port
23

IP Address
10.10.11.89

Open Command
^A2 C1 3^M

Close Command
^M^C^M

Pre-line access

Line Offset from Cue Marker:
2

OK Cancel

Evertz Settings:

- **Username:** Set this to match the encoder settings. (Default for Evertz is **EVERTZ**)
- **Password:** Set this to match the encoder settings. (Default for Evertz is **evertz**)
- **Port:** Telnet port to encoder, default is 23
- **IP Address:** Port F on the encoder's IP address.
- **Open Command, Closed Command, and Pre-line access:** Control-A codes that should be pre-filled depending on the encoder chosen.

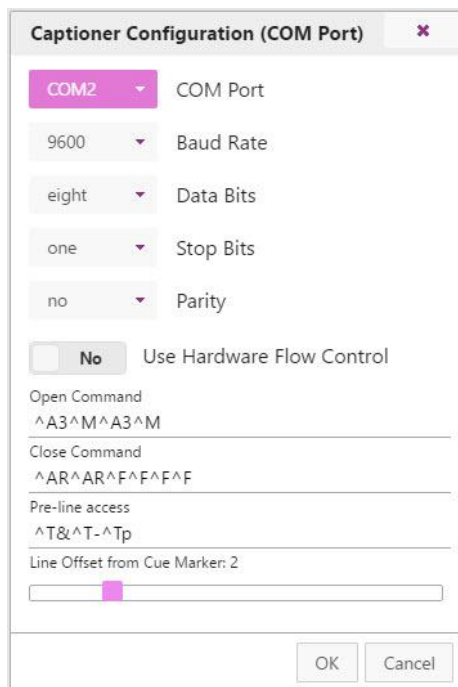
EEG Settings:

- **Username:** *leave blank – EEG requires no authentication*
- **Password:** *leave blank – EEG requires no authentication*
- **Port:** Telnet port to encoder, default is 23
- **IP Address:** Port F on the encoder's IP address.
- **Open Command, Closed Command, and Pre-line access:** Control-A codes that should be pre-filled depending on the encoder chosen.
-

Additional Options:

- **Line Offset from Cue Marker:** a slider for how many lines the captioner will be offset from the current prompt. If captioning is coming out too slow, increase this number. If captioning is coming out too soon, decrease this number.

Link:



The image shows a 'Captioner Configuration (COM Port)' dialog box. It contains several settings: 'COM2' is selected for 'COM Port'; '9600' is selected for 'Baud Rate'; 'eight' is selected for 'Data Bits'; 'one' is selected for 'Stop Bits'; 'no' is selected for 'Parity'; 'No' is selected for 'Use Hardware Flow Control'; 'Open Command' is '^A3^M^A3^M'; 'Close Command' is '^AR^AR^F^F^F^F'; 'Pre-line access' is '^T&^T-^Tp'; 'Line Offset from Cue Marker' is set to 2. There are 'OK' and 'Cancel' buttons at the bottom right.

Link Settings:

- **COM Port, Baud Rate, Data Bits, Stop Bits, and Parity:** Set these to match the encoder settings. (These also need to match in the driver properties for the COM port in Windows)
- **Open Command, Closed Command, and Pre-line access:** Control-A codes that should be pre-filled depending on the encoder chosen.

Additional Options:

- **Use Hardware Flow Control:** If checked, enables this feature on the COM port if the device is set up to use it.
- **Line Offset from Cue Marker:** a slider for how many lines the captioner will be offset from the current prompt. If captioning is coming out too slow, increase this number. If captioning is coming out too soon, decrease this number.



Additional Control Commands:

Special Characters:

If you require any accented or extended characters you will need to use a direct captioning mode which can be implemented with the following control codes:

Open Command

`^A3 C1 3^M`

Close Command

`^M^C^M`

Pre-line access

`^T&^T-^Tp`

Special Encoder Settings:

Encoder Settings for Lexi to Teleprompting Captioning Switch:

To enable "auto-mode-entry" for switching between Lexi and teleprompter captioning, you need to update the Startup Settings in the EN537 web GUI:

1. Navigate to the Startup Settings page in the EN537 web GUI.
2. Enter the following command: (Y (space) "**port number**" (space) **RTCAP**)
 - a. Example on Port 2 = Y P2 RTCAP
3. Click Save and Apply Immediately.

Once set, this configuration allows seamless switching:

- Teleprompter captioning is enabled by default.
- Switching to Lexi captioning works as usual.
- When Lexi is disabled, the system automatically switches back to teleprompter captioning.



Control A Commands Explained:

Types of Captioning

There are two kinds of captioning:

- **^A2 ("pop-up")** – Pre-written captions that appear at designated times.
- **^A3 ("real-time")** – Captions that display in real time. (Note: ^A3 supports Spanish characters.)

Key Captioning Commands

- **^C** – Escape command.
- **^M** – Moves text to a new line.
- **C1, C2, C3** – Caption channel (defaults to C1).
- **b##** – Defines the baseline where captions start on the screen:
 - b1 = Top of the screen
 - b15 = Lowest position
 - Most people use b10 or b11 to avoid covering the lower third of the screen.
- **^A6 and ^A7** – Control text style, positioning, or display mode (not generally recommended).

Base Access Code for EEG and Evertz Customers

The standard base access code is:

^A2 C1 3^M

(This provides a 3-line roll-up at **baseline 15**.)

To move the baseline, modify it as follows:

^A2 C1 3 b11^M

- The **"3"** indicates a 3-line roll-up. You can adjust this to 2 or 1 as well.
- The **"b11"** moves the baseline to position 11.

Turning Captions On and Off (Access Off Command)

- **^M^C^M**

Pre-Line Access (for ^A3 Mode Only)

^T&^T-^Tp

This helps separate lines being sent from **CueiT** when captioning in real time.

Case Sensitivity Matters

- b (baseline) → lowercase
- p (pre-line) → lowercase
- Everything else → UPPERCASE