

Preparing Custom Voice Messages

Programming custom messages in the field requires a laptop, USB A/B cable and the Polara EZ APS ToolBox software. The software must be installed and messages prepared prior to installation of the EPBSs on the intersection.

AUDIO FILE PREPARATION

If the custom audio files have been prepared by Polara, they should be ready for use in the EZ APS ToolBox software.

Note: Polara cannot provide support for studio recording or audio processing and manipulation. If you are recording your own messages, it is recommended that it be done by an experienced audio technician.

The EPBS messages must be saved as uncompressed PCM .WAV files in: Mono, 16-bit, 16kHz format. Each message should be trimmed and saved as individual files. Messages should be normalized to 100% to ensure the messages play at a proper volume. Messages have a limited amount of space available for programming. Custom Voice on Location and Custom Walk 1 both have a limit of 8 seconds each.

EZ APS TOOLBOX SOFTWARE INSTALLATION

Insert the supplied installation media and extract the installation files. Run setup.exe to install the EZ APS ToolBox Software (contact Polara for a download link to the installation files necessary, if not already provided). Follow the on-screen instructions for installing the software. Note: Microsoft .NET Framework 4.0 or later is required in order to run the software. The installation file will prompt you to install the .NET Framework if it is not already installed. This may require an internet connection to complete successfully.

PREPARE INTERSECTION SAVE-FILES

The EZ APS ToolBox software will only program the messages in which you enable for programming. In most cases, only the Voice on Location and Custom Walk #1 need to be programmed for a custom intersection message set.

Open the EZ APS ToolBox software, and navigate to the Audio Programming Tab.

Choose the program mode which matches your desired custom intersection message set. The "Custom Messages" option is most commonly used.

Click the "Browse" button next to the audio messages you wish to program and find the .wav file appropriate for each message. Press the "Play" button to verify that the message is correct and plays properly. The filename will appear green if the message is formatted correctly and will appear red if there is a formatting error. Mouse-over the filename to view the errors associated with the .wav file so you can correct them in your audio editing software. Once the messages have been verified to be correct, press "Update EPBS Audio" to begin programming.

If you are preparing messages for programming later on the intersection, use an EZ510, click "Create EZ510 Audio File" button to the custom message set and name the file appropriately to ensure no confusion when programming units in the field. Repeat the entire process for every message set desired. See the EZ510 Operation Manual for the recommended steps to follow for preparing and programming custom messages for programming in the field.