

TCPA-10 GLL USER GUIDE

Ultra Electronics – USSI is pleased to offer the EASE data file for the TCPA-10 loudspeaker for use with both EASE Standard and EASE EVAC. The TCPA-10 is a compact, powerful loudspeaker for indoor and outdoor audio signaling and voice notification. Its best-in-industry voice quality and intelligibility, combined with sharp and high impact tone capability, make it the right choice for ensuring that messages critical to personnel safety and security are heard and understood.

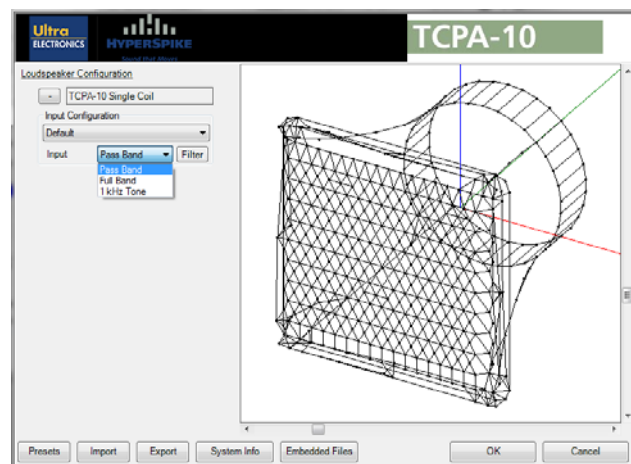
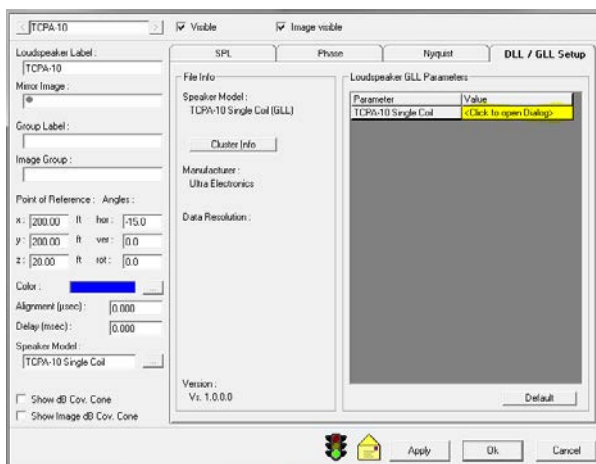
Two important options within the TCPA-10 EASE data file are described below.

1. Input Frequency Filters for EASE Standard:

These input filters provide users with three useful preset options.

- a. Pass band (400Hz to 8kHz) ***The default setting within EASE Standard and EASE EVAC*
 - i. Represents the frequency range for typical use and provides for optimum SPL and STI performance
- b. Full Band (100Hz to 20kHz)
 - i. Full frequency of the measured loudspeaker
- c. 1kHz Tone (1kHz)
 - i. Input frequency filter provides for highest SPL at a 1kHz alert tone

To access the presets in EASE Standard, choose DLL/GLL Setup within the Edit Loudspeaker window, choose Click to open Dialog, choose the appropriate selection from the pull-down menu, and then apply changes. These filters are not available in EASE EVAC.



2. Transformer Tap Settings for EASE Standard:

EASE EVAC tap settings are accessed within the speaker setup window but EASE Standard does not currently support preset tap settings. Refer to the following chart for correct dB reduction that corresponds to the tap settings within EASE EVAC.

TCPA-10 Single Coil Adjustments for drive levels in EASE	
Tap Setting	Drive Level
TCPA-10 XL	0.0
45W/Direct	-2.4
32W	-3.9
24W	-5.1
16W	-6.9
12W	-8.2
8W	-9.9
4W	-12.9
3W	-14.2
2W	-15.9
1.5W	-17.2
1W	-18.9
0.5W	-22.0

For additional information or assistance with EASE Standard or EASE EVAC modeling of Hyperspike® products, please contact us.



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