

GSI AudioStar Pro: Tips and Tricks for Efficient Testing

Laura Prigge, AuD



Introduction

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- AuD from ATSU, MA of Audiology from UCONN, BS Communication Disorders from Western Illinois University.
- 15+ years experience include providing manufacturing support as well as managing educational audiology training for an international audiologic equipment company.
- Additional experience: clinician in both ENT offices and a retail hearing center conducting audiologic evaluations and hearing aid fittings on all patient populations including infants, adults, geriatric, and special needs patients.
- Joined GSI in 2010 as application specialist



Agenda

- Out of box testing
- Overview of config ap
- Custom Settings on the AudioStar Pro
- Tips and Tricks :questions from users of the product



Course Objectives

- Participants will be able to load custom default test settings into the AudioStar Pro clinical audiometer.
- Participants will be able to quickly transition between standard audiometric evaluations (such as pure tone and speech) to special tests such as the QuickSIN
- Participants will be able to perform efficient comprehensive diagnostic audiometric evaluations using the AudioStar Pro clinical audiometer.



Out of the Box Overview

- GSI general rule of thumb:
- Should be able to run a test 5 minutes after taking it out of the box.
- Operational consistency
- User friendly and intuitive design



Out of the Box Overview



Out of the Box Overview

- Looks like GSI!
- Operational consistency with legacy products
- Blue “Work” area
- Familiar layout of knobs and buttons



Out of the Box Overview



Out of the Box Overview

- Display is improved
- Color screen – easy to view
- Test specific selections on the screen



Out of the Box Overview



Out of the Box Overview

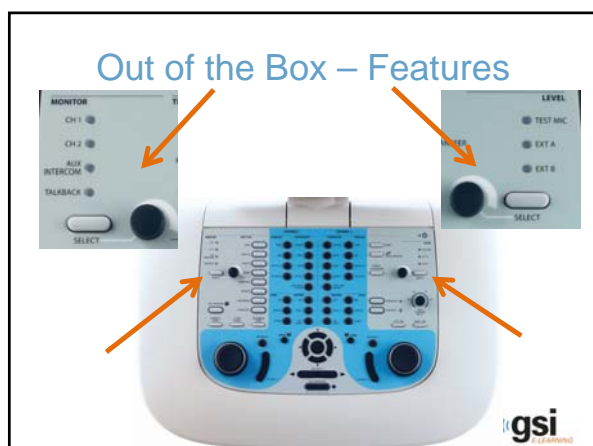
- I feel like I could run a test...
- There are more options than on legacy GSI products.
- There are new buttons on the AudioStar Pro.



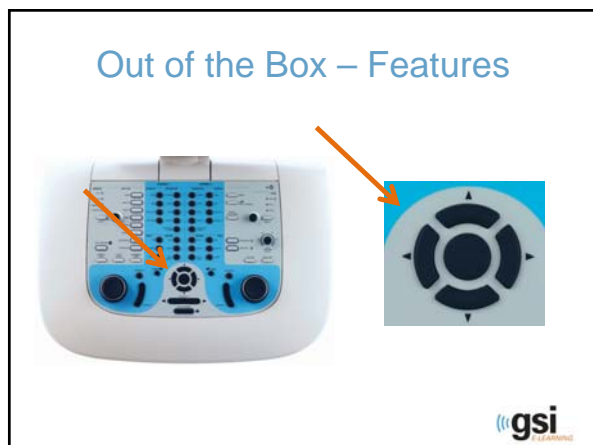
Out of the Box Overview – New Buttons



Out of the Box – Features



Out of the Box – Features



Test Type Buttons

- Short cut keys to prepare for different audiologic tests
- Tone, High Hz and Speech will set up the AudioStar Pro with default transducers, levels and routing with one button press
- Also, display options change according to test type
- More displays the special tests



Out of the Box – Features



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Pure Tone

Where are FM, Pulsed, SISI and ALT??



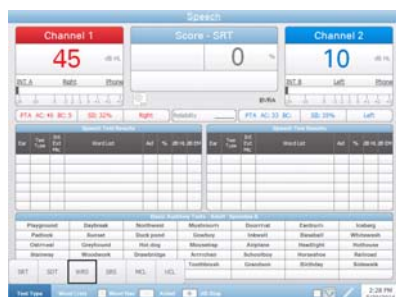
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Out of the Box – ASPro Features



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ASPro

Speech Test Type Display



Out of the Box – Features



Special Tests



It is definitely possible to run a
test 5 min after unpacking...

But what are the custom defaults
and where do I get them?

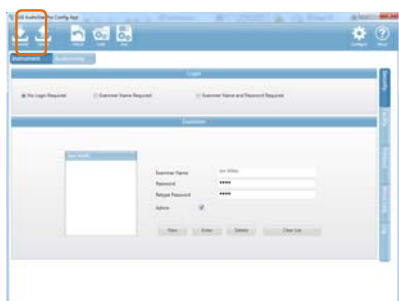


Configuration Application

- Every AudioStar Pro comes with a computer program called the Configuration Application
- The “Config Ap” is how defaults are defined and assigned
- It is an “extra.” It is not necessary for testing hearing with the AudioStar Pro
- Makes startup settings customized – adds to efficient testing



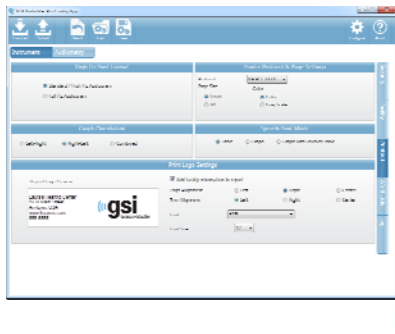
Config Ap Overview



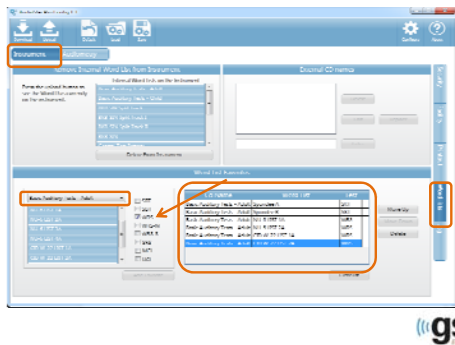
Config Ap Overview



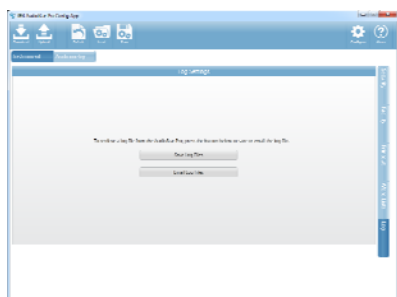
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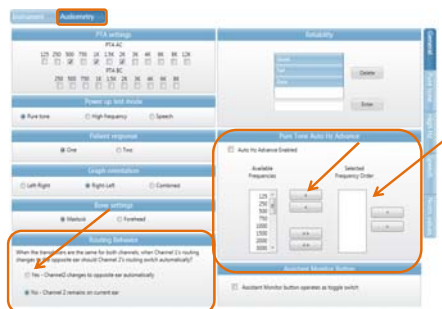
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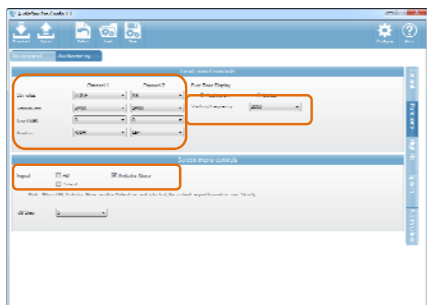
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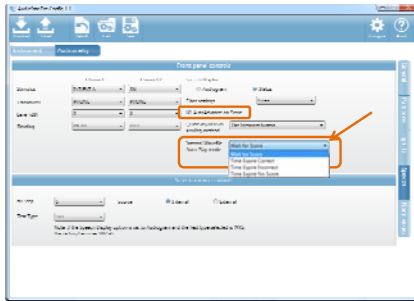
Config Ap Overview



Config Ap Overview

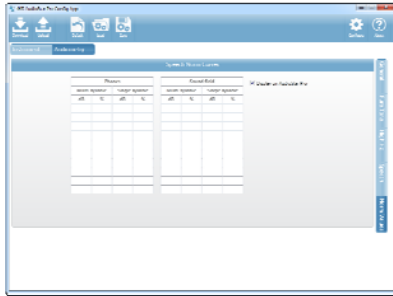


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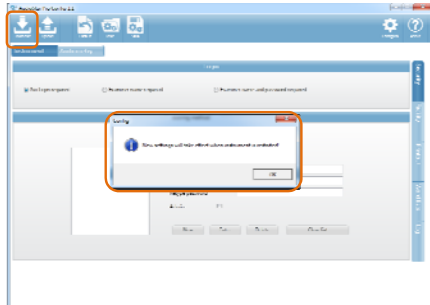
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Config Ap Overview



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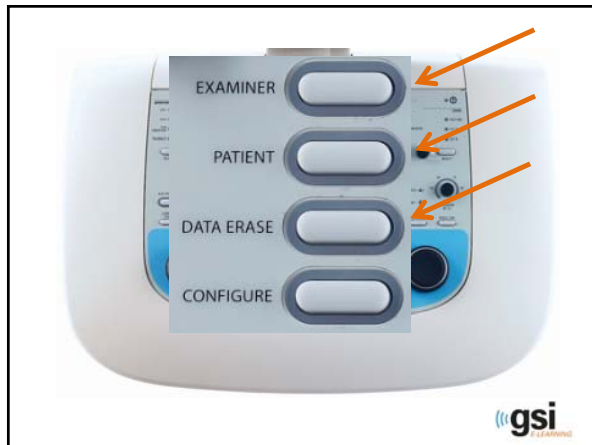
Config Ap Overview



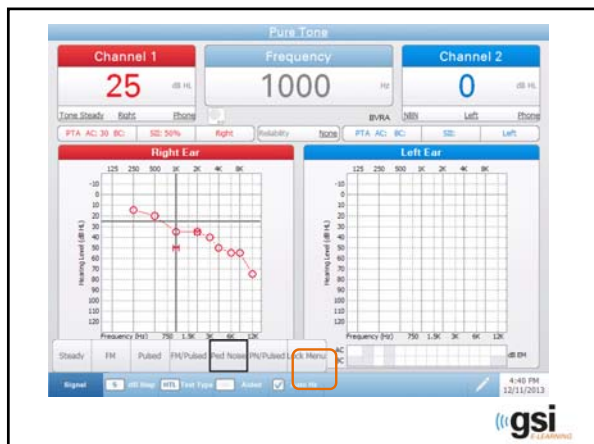
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Make the Custom Settings Work for you



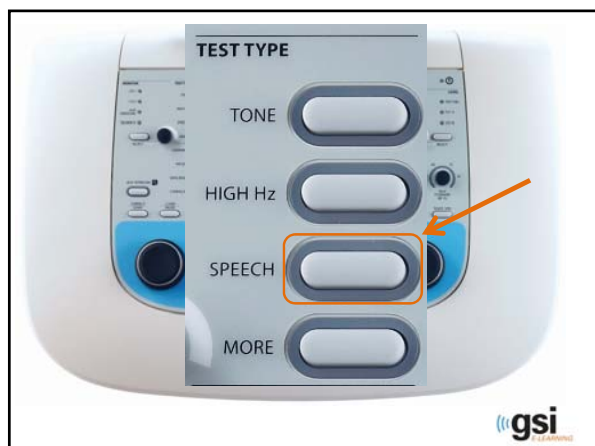




























Testing Scenarios

Tips and Tricks –
User Questions and Clarification



Channel 2 as Testing Channel

- Many Audiologists wish to use Channel 2 as the primary testing channel
- This is possible, but must consider the following:
 - If both channels are using tone as a stimulus, what happens when you press “store?”
- In order to indicate that Channel 2 is primary, Channel 1 must be a non-test stimulus
 - NOTE: this is only possible in Tone and High Hz



Channel 2 as Testing Channel

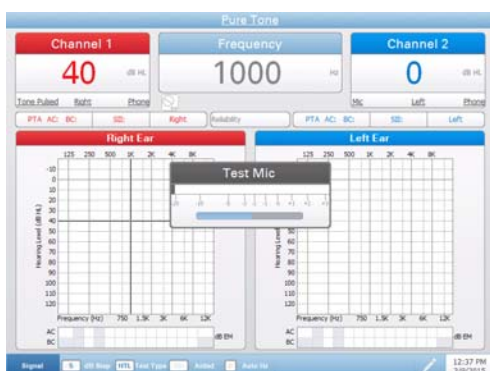


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Mic stimulus in Tone Test Type

- When obtaining results on a difficult to test patient, it is desired to have tone in one channel and mic in the other.
- This is possible with the AudioStar Pro.
- Things to remember: When on the tone test type and mic is the stimulus in the non-test channel, you will not get a VU meter

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audiometer

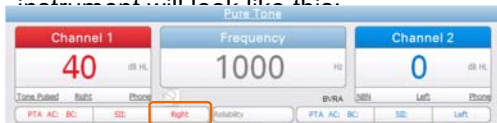
Aux Intercom

- Verbiage is sometimes a little unclear.
- May be **off**
- May be **on**
- May be **active**



Aux Intercom Off

- This means there is nothing happening in the assistant headphones. No sounds at all.
- The Icon on the front panel of the instrument will look like this:



- It can be turned on in the configuration screen.





Aux Intercom ON

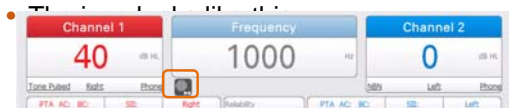
- This means that the assistant headphones are “hearing” everything that is done on the AudioStar Pro.
- This condition is monitoring only and the icon looks like this:



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Aux Intercom ACTIVE

- This means that the light pipe around the aux intercom is illuminated
- This initiates a private conversation to the assistant from the examiner



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Aux Intercom as a TOGGLE

- This is an option in the config ap software
- When the aux intercom button is pressed, it remains engaged until it is pressed again
- This was a requested feature – great for pure tone testing
- If the Aux Intercom is toggled on, you cannot use mic as a stimulus

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Other Testing Scenarios?



Troubleshooting

- In the event that you experience something odd such as an error message or a lock up or something unexpected, take a log file and email it to audiology@grason-stadler.com



Capture a log file

- To capture a log file, place a USB flash drive in an available USB port on the Audiostar and press the following three buttons simultaneously: Correct, Clear and Monitor Select
- Message will indicate "Exporting Diagnostic Data to Disc"
- When the message disappears, remove the USB and email the zipped file.





Summary

- GSI continues to lead the industry in user friendly design and performance
- AudioStar Pro exemplifies this: out of box testing in 5 minutes
- Add more efficiency and comfort by utilizing the tools integrated into the instrument as well as the ones that accompany the instrument!



Have Questions?

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