

PXE-H650 INSTALLATION & USAGE TIPS -

Output channels configuration:

- Amp gains must be set so that speaker levels (SPL) are matched prior to MultEQ calibration. This will help assure that one or more channels do not clip the MIC input during measurements.
 - To assist with setting proper amp gains, the AUX input clip LED functions as a MIC input clip indicator during MultEQ calibration. The clip LED must not illuminate at any time during the calibration procedure for if it does, the acoustic measurements will not be accurate.
 - The SUB channel is the most likely to clip the MIC input due to high SPL compared with FRONT and REAR channels. Check to make sure that the SUB level is matched to the FRONT and REAR speakers and that the clip LED is not illuminating during calibration.
 - Recommended starting amp gain levels prior to MultEQ calibration:
 - FRONT and REAR amp gains are set to 1/2 positions (nominal)
 - SUBWOOFER amp gain is set to 1/4 position (9 o'clock)
- Once MultEQ calibration is completed, final adjustment of amp gains should be carried out to suit the taste of the system user.
- If MIC input clip LED illuminates at any time during 1st MIC position measurement, amp levels must be reduced and 1st MIC position must be repeated.

MAIN (speaker level) input configuration:

Input channels:

- One pair of full-range stereo inputs (L & R) is all that is needed by the PXE-H650 for proper operation. If full range stereo inputs are available from the factory system, they should be connected to the L2/R2 channels of the MAIN (speaker level) input harness.
- If the vehicle has factory crossed over speaker outputs, both high pass (tweeter) and low pass (midrange) signals must be connected to the MAIN inputs for proper full-range signal input. The factory subwoofer output may also need to be connected to achieve a full-range signal.

Polarity:

- All OEM head units that are connected to the MAIN input harness must be wired in phase, observing correct polarity.
- Reversed polarity on MAIN input channel connections can be detected during the "ADJUST XOVER+AMP LEVELS" step using Track 3 – Pink Noise prior to MultEQ calibration. If low or no speaker output is detected on LEFT or RIGHT channels, check the polarity of the speaker level inputs on that channel.
- After correcting any incorrect wiring polarity, a factory reset should be done and the PXE-H650 setup procedure should be repeated from the beginning.

Setting OEM head unit volume level

- The OEM head unit volume level must be set so that it is high enough to allow maximum system output yet low enough to avoid a distorted input level to the PXE-H650. 2/3 to 3/4 of maximum volume scale on the OEM head unit is recommended.

Storing custom settings permanently in memory

- After changing any Custom Tuning parameters, you must remember to navigate to SAVE SETTINGS and press "ENTER" in order to store these settings permanently in memory.



5 MINUTE EASY SETUP GUIDE



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PXE-H650

5 MINUTE EZ SETUP GUIDE



STEP 1:

Insert included calibration disc, set factory volume to 3/4, play track 1. Make sure factory bass/treble/balance/fader controls are set flat.



STEP 2:

Power up the PXE-H650; the display will read "ENTER TO SETUP" so press "enter" to start the Auto Ranging/Auto Summing procedure. If the display reads something different refer to pg.15 of the owners manual for Factory Reset procedure. The display will read "CHECKING INPUTS"; and after 10-15 seconds the display will read "ENTER TO START ANTEQ".



STEP 3:

Switch to track 2 on the included calibration disc.



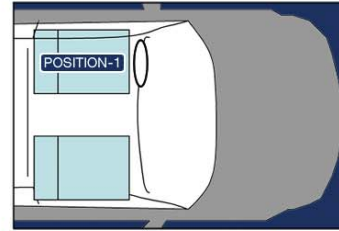
STEP 4:

Press "enter" to start AntEQ. This will take about 20-30 seconds. After AntEQ is done, the PXE-H650's display will read "2-WAY OUTPUT, Y or N". Choose "N" if only the front 2 output is being used; select "Y" if both front 1 and front 2 outputs are being used. Press enter to select.



STEP 5:

The PXE-H650's display will now read "ADJUST XOVER+AMP LEVELS". Turn all amp Xovers off, then roughly set amp gains. Use track 3 on the calibration disc for this. With Alpine amps, 1/2 gain for front/rear and 3/4 gain for sub works fine. When finished, press enter.



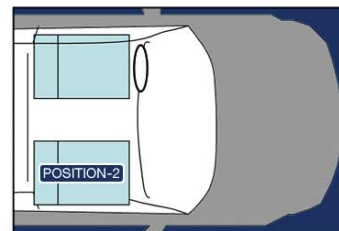
STEP 6:

The PXE-H650's display will now read "ENTER TO START MULTEQ". Press enter, now the display will read "MEASURE POS 1". Place the microphone where the driver's head will be, pointing straight up. Exit the vehicle and close all doors and windows.



STEP 7:

Press the "front" button on the remote to start measuring position 1. The LED will change from flashing to steady, and you will hear the log chirps calibrating each speaker in the car.



STEP 8:

When position 1 measurement is complete, the LED will start flashing and the display will read "MEASURE POS 2". Move the microphone to where the passenger's head will be, and close the doors. Press "front" on the remote to start measuring position 2, and the LED will go steady.



STEP 9:

Measure at least 2 more positions in the car (maximum 8) using the same procedure. Choose additional mic positions based on user preference. After at least 4 mic positions total, press the "right" button on the remote to finish calibration. YOU'RE DONE!