



# User guide

**Contacta HLD7**



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HEARING LOOP SYSTEMS



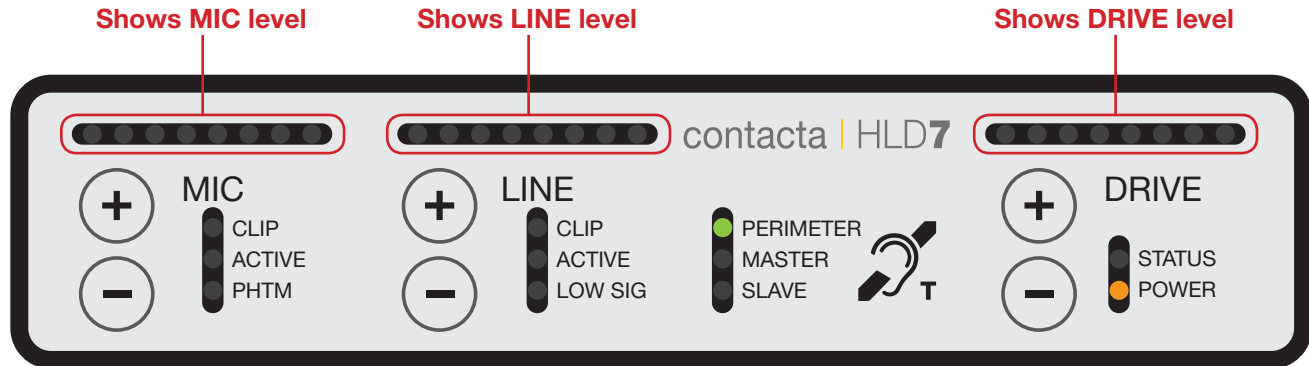
## Contents



No serviceable parts inside. The warranty for this product will be void if the HLD7 housing is opened.



## Normal operation mode

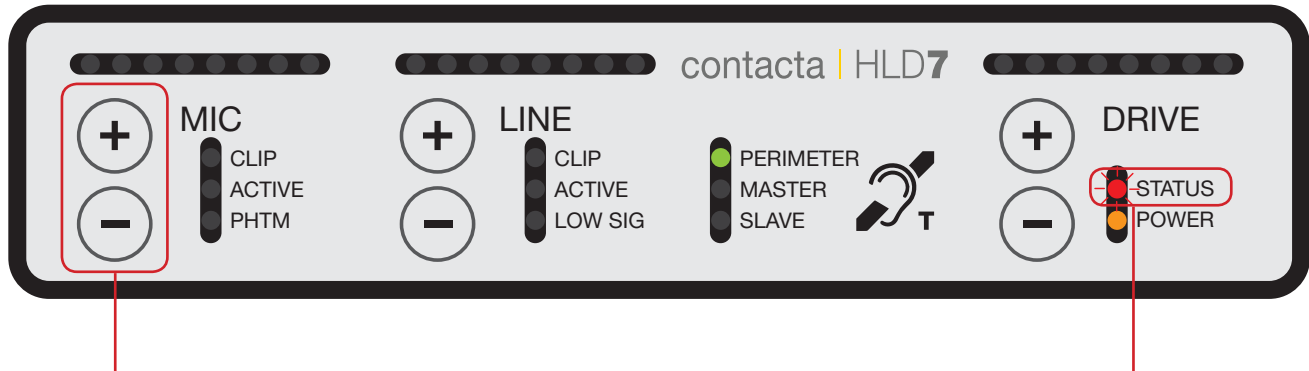


### Active on power on

Indication only- buttons have no effect, except unlock combination.



## Basic Adjustment mode

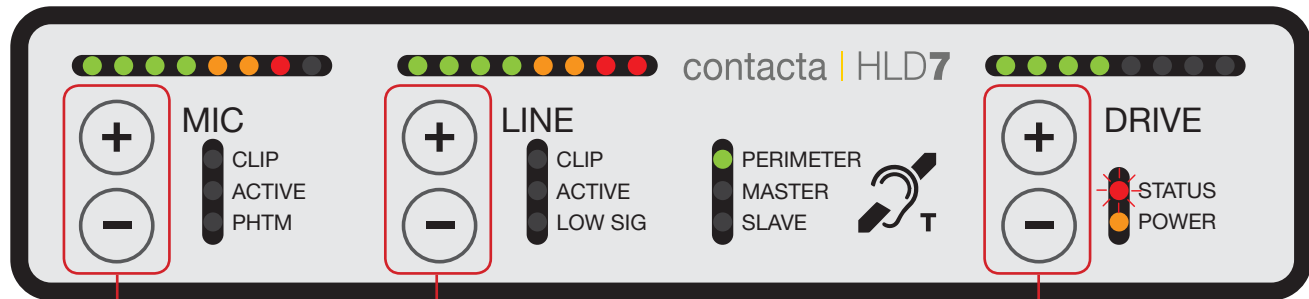


To enter Adjustment mode press both MIC + and - simultaneously.

In Adjustment mode the STATUS LED will flash.



## Basic Adjustment mode



### While in Adjustment mode

Pressing the MIC + or - will adjust the MIC input gain, adjustments are in 1dB steps.

LEDs show the MIC's level after fader.

### While in Adjustment mode

Pressing the LINE + or - will adjust the LINE input gain, adjustments are in 1dB steps.

LEDs show the LINE level after fader. If input is low the LOW SIG LED will illuminate.

### While in Adjustment mode

Pressing the Drive + or - will adjust the Drive output by 1dB steps.

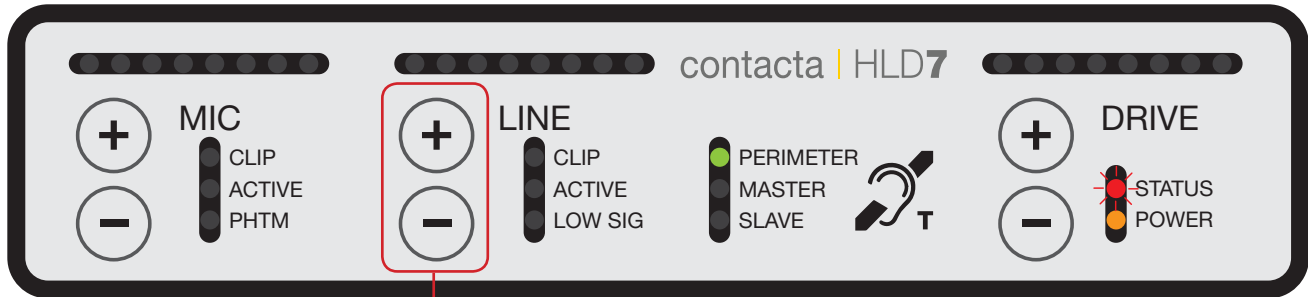
LEDs show the DRIVE level in approx 0.5A increments.



Signal Level for inputs should be set to have peak signal level occasionally illuminating first amber LED.



## Engineers' mode



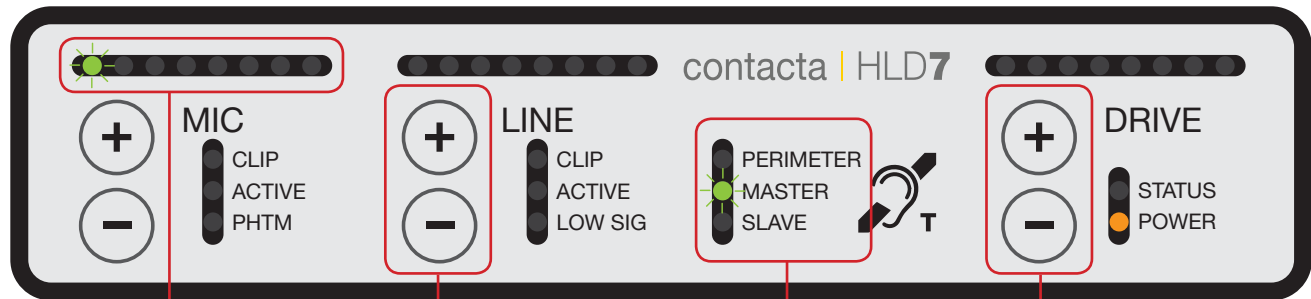
### While in Adjustment mode

Press both Line + and - simultaneously to enter the Engineers' mode.



## Engineers' mode (PAGE 1)

### Driver Operation Selection



#### While in Engineers' mode

There are 6 PAGES of settings, each PAGE is identified by a flashing MIC LED, PAGE 1 is LED 1, Page 2 is LED 2 etc.

#### While in Engineers' mode

PAGE1 Pressing the LINE + or - buttons selects driver operation, Perimeter, MASTER or SLAVE.

#### While in Engineers' mode

When you are ready to move onto the next PAGE press the DRIVE + button.

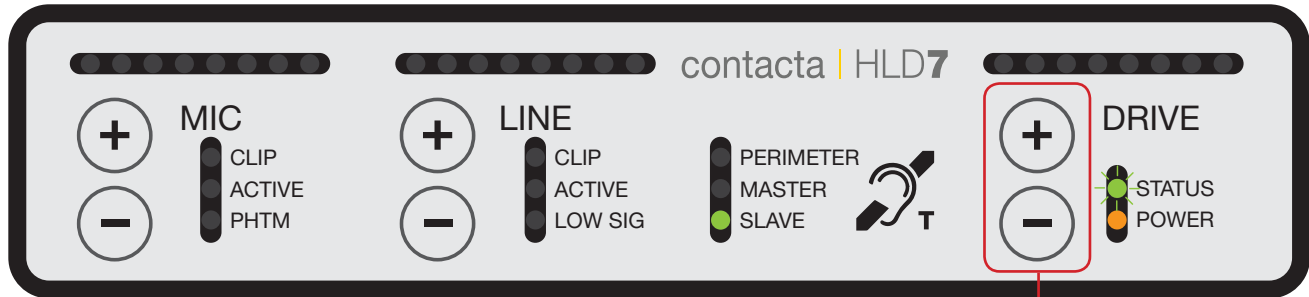
To exit Engineers' mode press the DRIVE - button.



Always select the driver operation mode before installing the driver in its rack mount bracket.



## Slave mode



To adjust drive when in slave mode press DRIVE + and - together. Status LED will flash.

Press DRIVE + to increase level.

Press DRIVE - to reduce level.

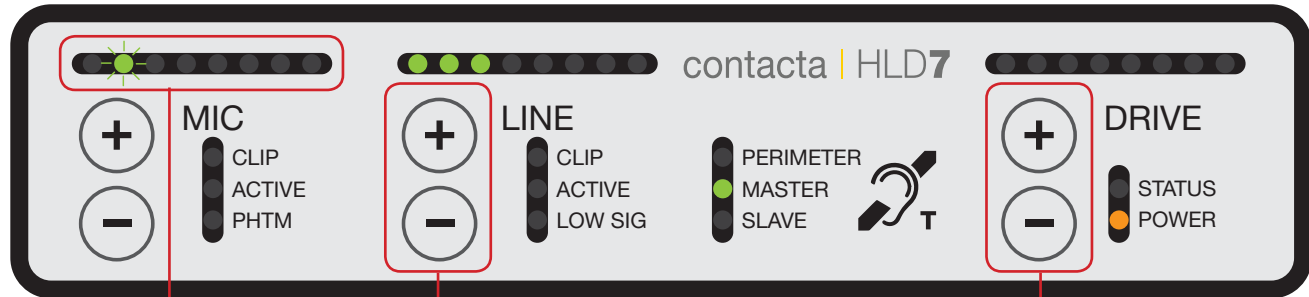
Press DRIVE + and - together when adjustment complete.





## Engineers' mode (PAGE 2)

### High Frequency compensation



#### While in Engineers' mode

PAGE 2 is identified by LED 2 flashing.

#### While in Engineers' mode

PAGE 2 settings are for the High Frequency compensation, adjustments can be made by pressing the LINE + or - buttons.

There are 6dB of HF compensation adjustment possible.

This adjustment is required to compensate for loss of high frequencies due to the presence of metal within the proximity of the loop.

#### While in Engineers' mode

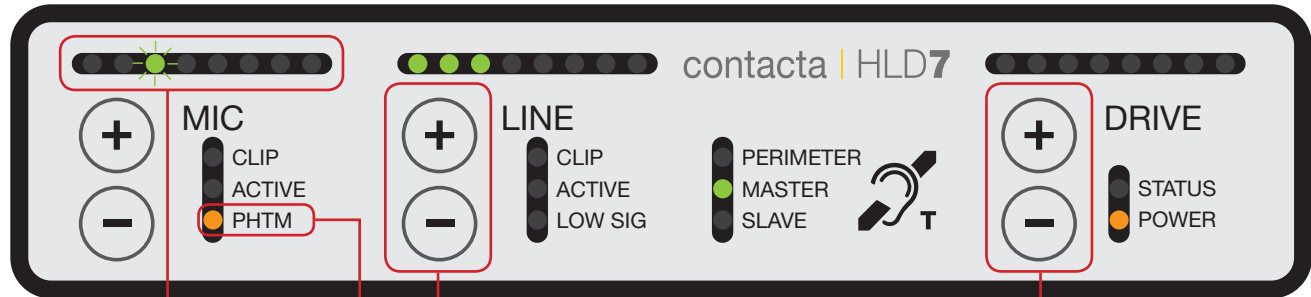
When you are ready to move onto the next PAGE press the DRIVE + button.

To exit Engineers' mode press the DRIVE - button.



## Engineers' mode (PAGE 3)

### Microphone Phantom power selection



#### While in Engineers' mode

PAGE 3 is identified by LED 3 flashing.

#### While in Engineers' mode

PAGE 3 settings are for the Microphone Phantom power selection.

Pressing the LINE + button turns the phantom power on, pressing the LINE - button turns phantom power off.

#### While in Engineers' mode

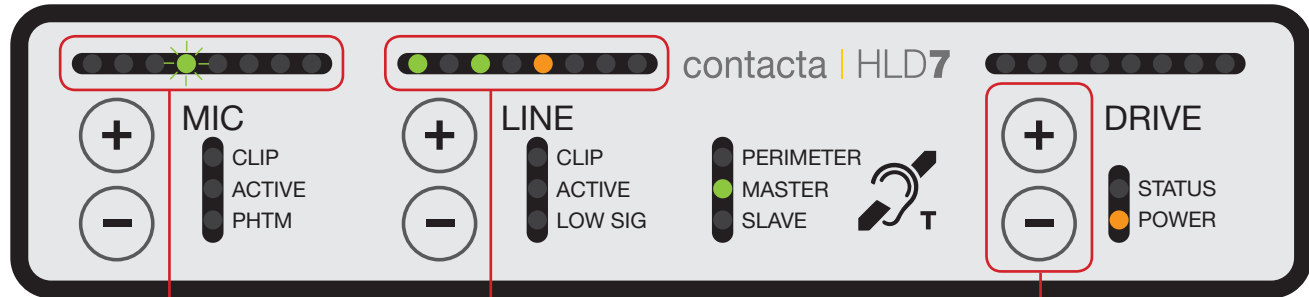
When you are ready to move onto the next PAGE press the DRIVE + button.

To exit Engineers' mode press the DRIVE - button.



## Engineers' mode (PAGE 4)

### Firmware Revision indication



#### While in Engineers' mode

PAGE 4 is identified by LED 4 flashing.

#### While in Engineers' mode

PAGE 4 Firmware revision indication.

THIS MODE IS DISPLAY ONLY: NO SETUP CAN BE CHANGED.

#### While in Engineers' mode

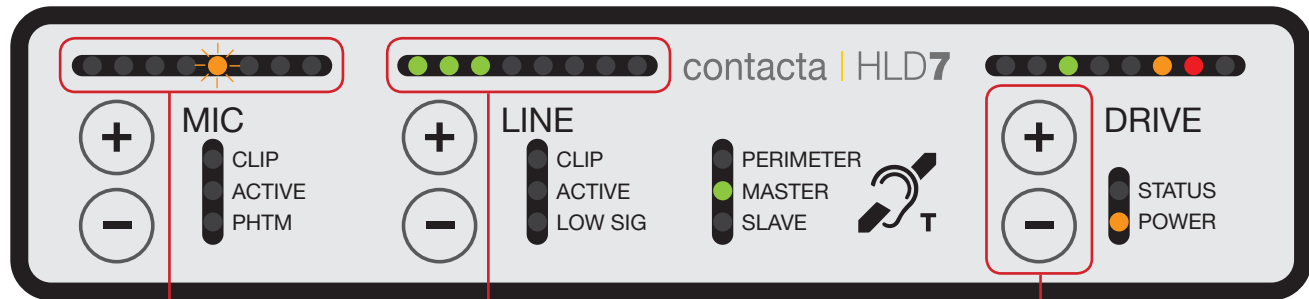
When you are ready to move onto the next PAGE press the DRIVE + button.

To exit Engineers' mode press the DRIVE - button.



## Engineers' mode (PAGE 5)

### Diagnostics indication



#### While in Engineers' mode

PAGE 5 is identified by LED 5 flashing.

PAGE 5 is for indication only.

#### While in Engineers' mode

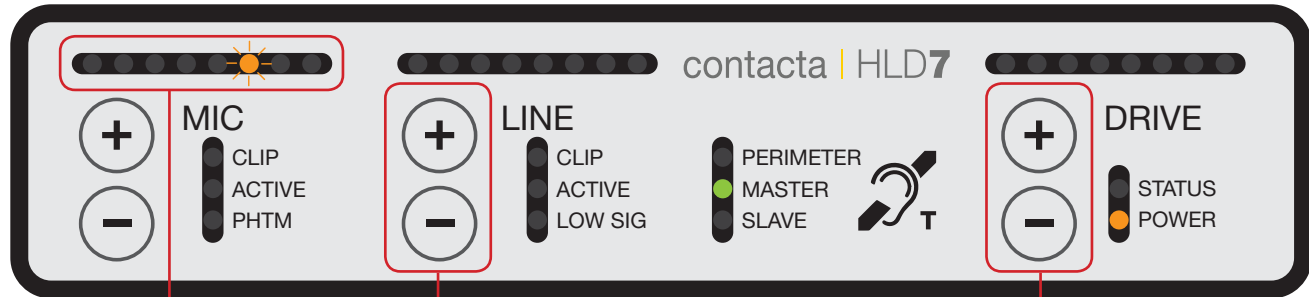
When you are ready to move onto the next PAGE press the DRIVE + button.

To exit Engineers' mode press the DRIVE - button.



## Engineers' mode (PAGE 6)

### Restore to factory settings



#### While in Engineers' mode

PAGE 6 is identified by LED 6 flashing.

#### While in Engineers' mode

PAGE 6 is for restoring settings.

Press the LINE + and LINE - button Simultaneously.

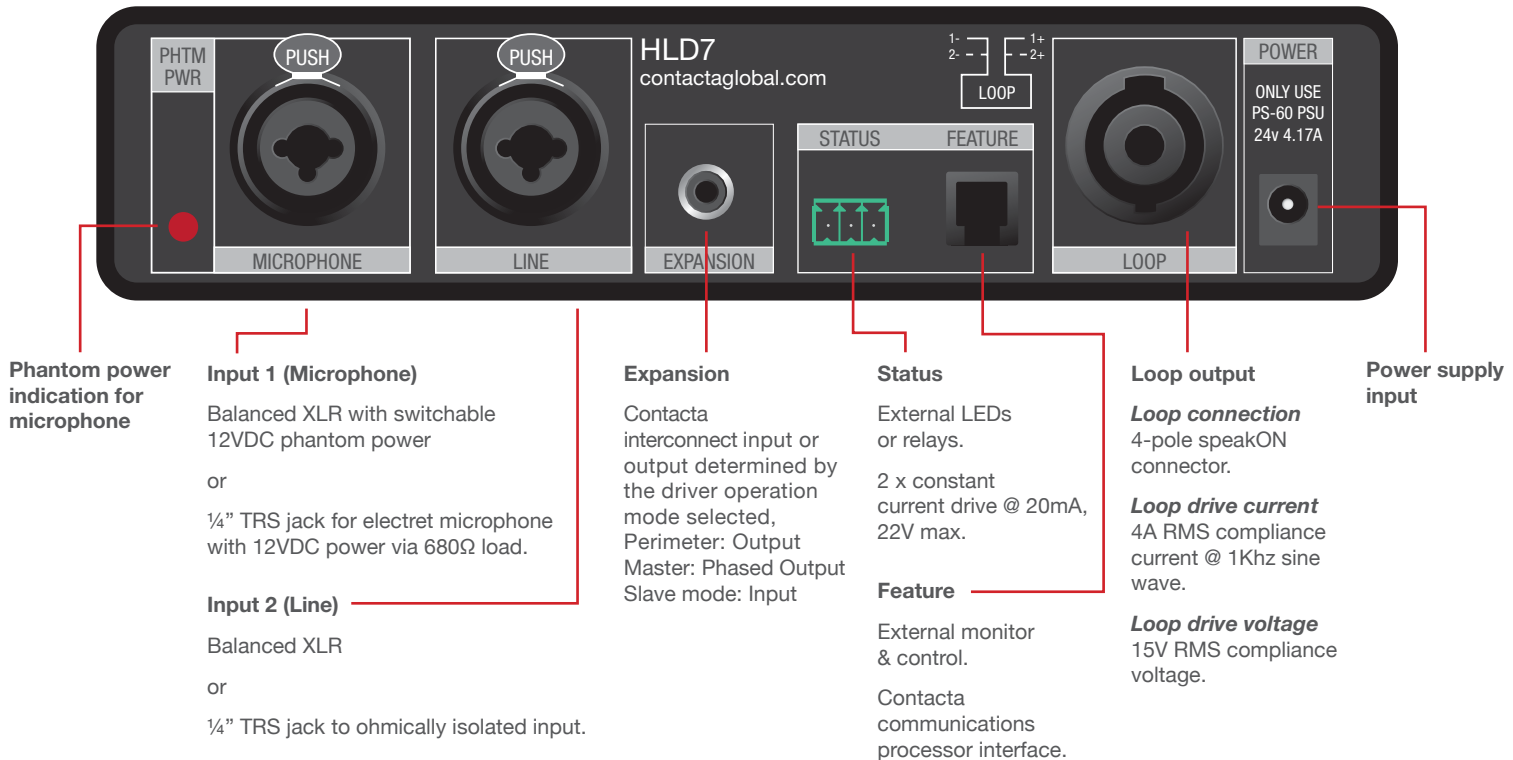
#### While in Engineers' mode

To go back to PAGE 1 press the DRIVE + button.

To exit Engineers' mode press the DRIVE - button.



## Rear panel connections

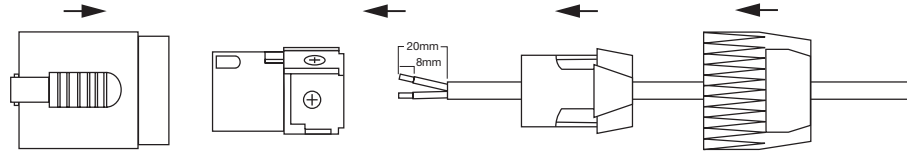
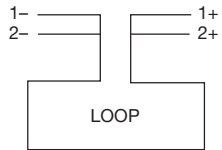




## Connections

### Loop connector

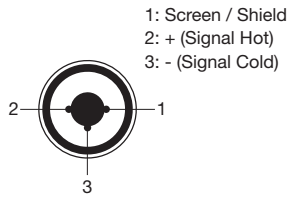
4 pole SpeakON



## Audio connections

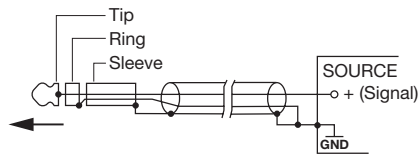
### Mic & Line

XLR connector



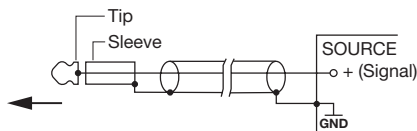
### Mic

Unbalanced Stereo TRS Jack



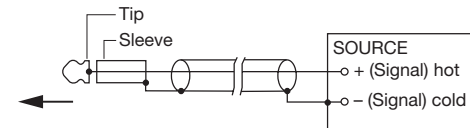
### Mic

Unbalanced Mono TS Jack



### Line

Unbalanced Mono TS Jack



This connection will pass through an Isolating Transformer inside the HLD7.

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