


Eureka3 - Operation

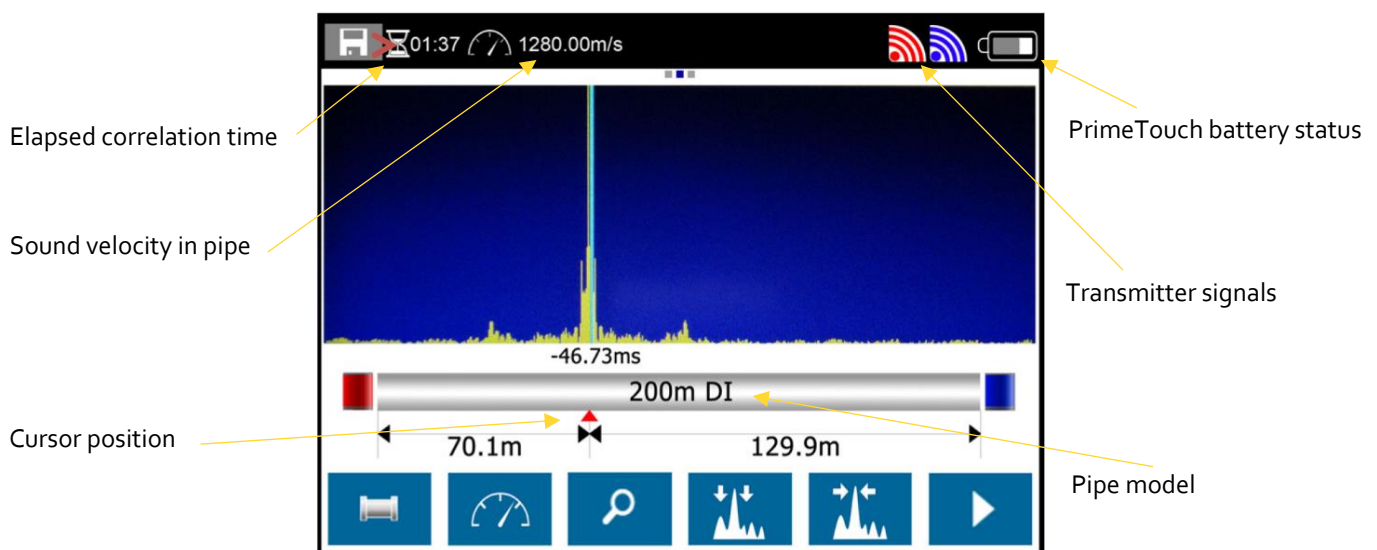
Quick Reference Guide – IXD-737-QRG-044/4.1







9 November 2020

This document provides guidance on the basic functions for the Eureka3 leak noise correlator. The PrimeTouch display has been designed for water industry applications with a high visibility colour display providing clear operation in all weathers.

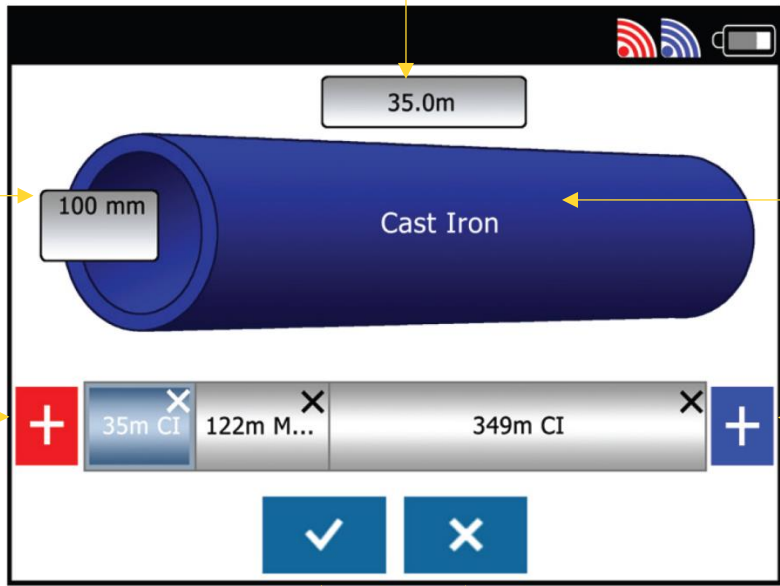
- **Switch on the PrimeTouch** – press and hold the central yellow button until the Primayer screen is shown.
- **Switch off the PrimeTouch** – press and hold the yellow button until the screen turns off.
- **Standby mode** – press the yellow button for 1 second, the  button will flash every 2 seconds.
- **Operating the Touch Screen** – the touch screen can be used with gloves and in sunlight.

Correlation Display



Button	Function
	Press to start/stop correlation
	Go to peak - moves cursor to highest peak
	Noise suppression - swipe section you wish to suppress. Press to activate/de-activate
	Zoom - zoom in at cursor position. Press to activate/de-activate
	Velocity correction - refer to operating manual
	Pipe entry – opens the pipe entry screen. Please note the correlation must be stopped to edit pipe details

Pipe Entry Display



The screenshot shows a mobile application interface for pipe entry. At the top, there is a status bar with signal strength, Wi-Fi, and battery icons. Below that, a grey box displays '35.0m'. The main part of the screen features a 3D rendering of a blue pipe labeled 'Cast Iron' with a diameter of '100 mm'. Below the pipe is a horizontal list of pipe sections: a red '+' button, a grey box '35m CI' with a blue 'X' button, a grey box '122m M...' with a blue 'X' button, a grey box '349m CI' with a blue 'X' button, and a blue '+' button. At the bottom, there are two blue buttons: a checkmark '✓' and a cross '✗'.

To edit the distance between sensors press here and enter

To edit pipe diameter press here and enter

To edit pipe diameter press here and enter

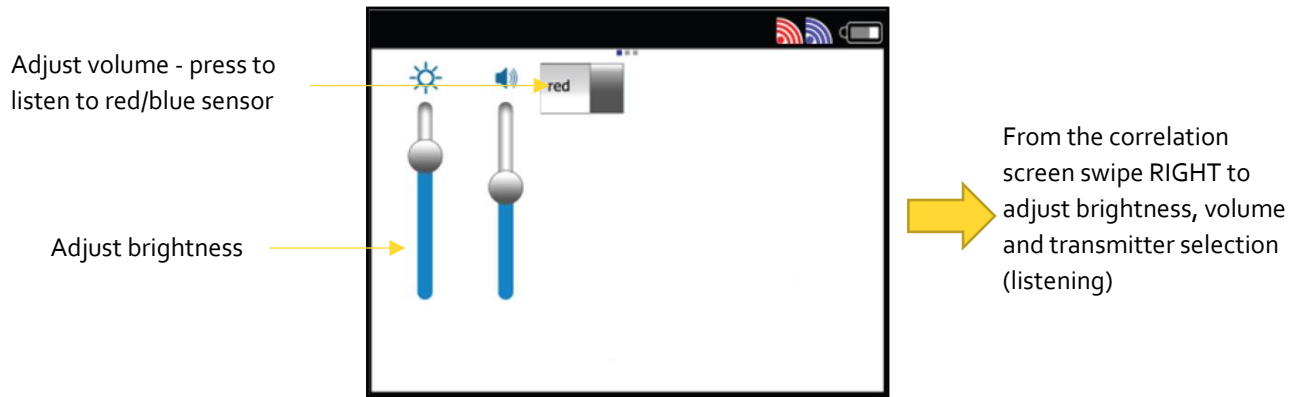
Press to add a pipe section towards red. To delete press the cross for that section.

Press to add a pipe section towards red. To delete press the cross for that section.

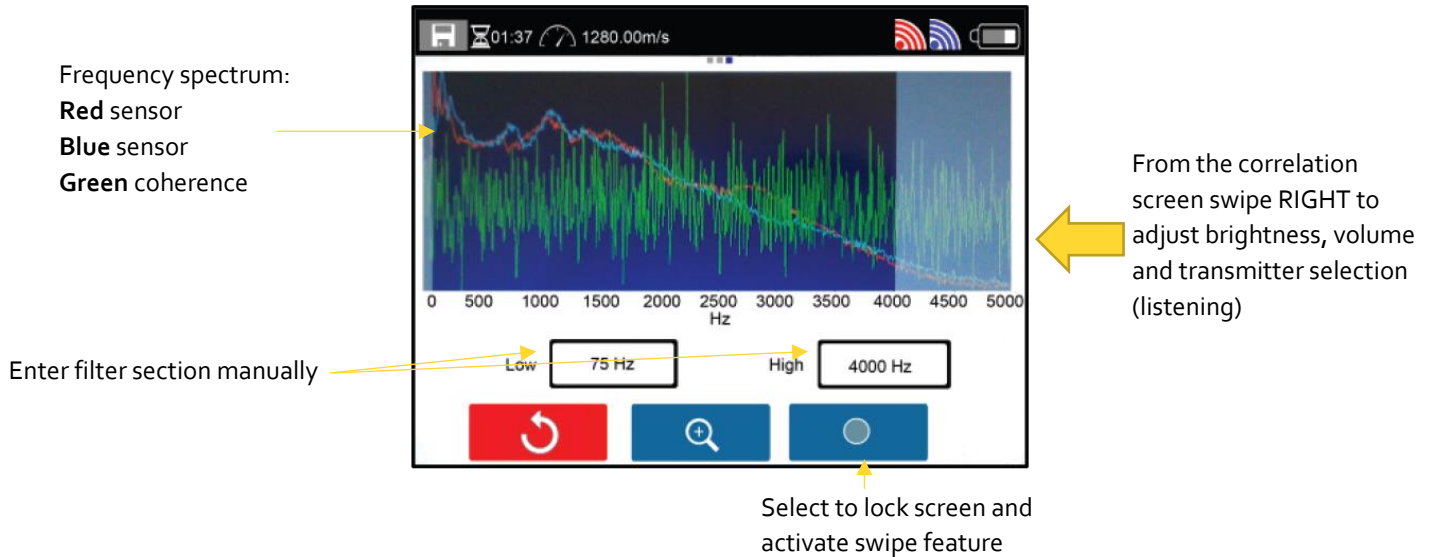
Press to confirm changes

Press to cancel changes

Settings Display



Frequency Display



Connectors – a sensor can be plugged directly into the socket at the top of the Prime Touch when using a single transmitter during a correlation. This socket is also used to connect the charger.

The left-side socket is used to connect the headphones.

The front USB ports are used to transfer data to a USB memory device.

For further information refer to the Eureka3 Operating Manual or the Ovarro website at www.ovarro.com