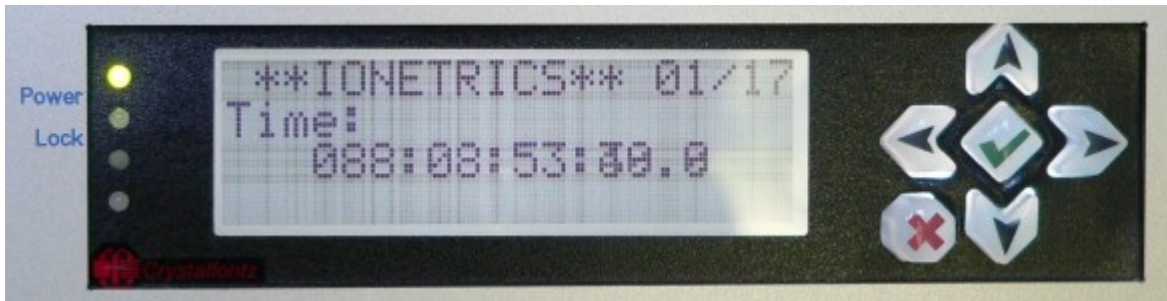


## LCD AND KEYPAD FUNCTIONS

Press the Left Key and the Right Key to navigate through the different screens.

### Time

#### Screen 01



Display the Time

Set Time Mode

GPS Mode (Press the UP Key)

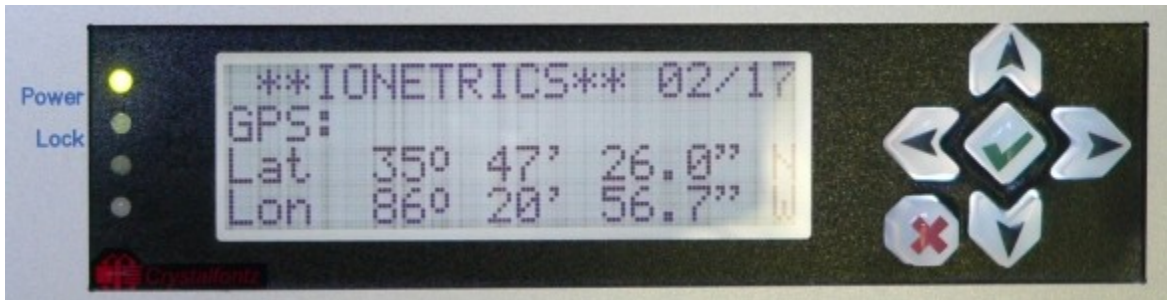
IRIGB Mode (Press the Down Key)

Save current state (Press the Enter Key)

Frame counter reset (Press the X Key)

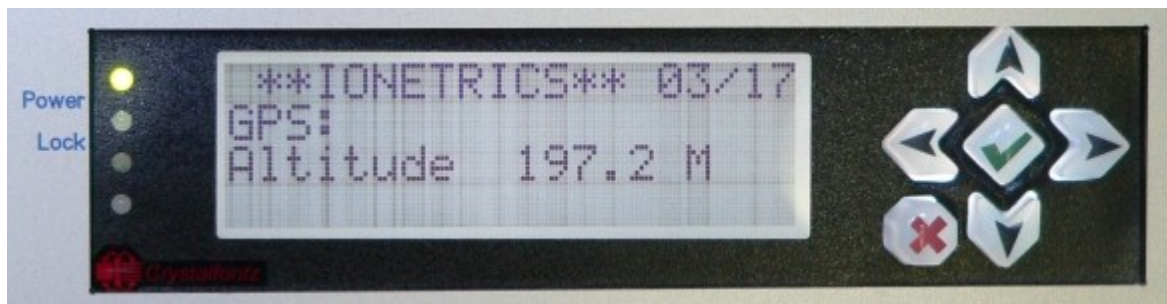
### GPS Coordinates

#### Screen 02



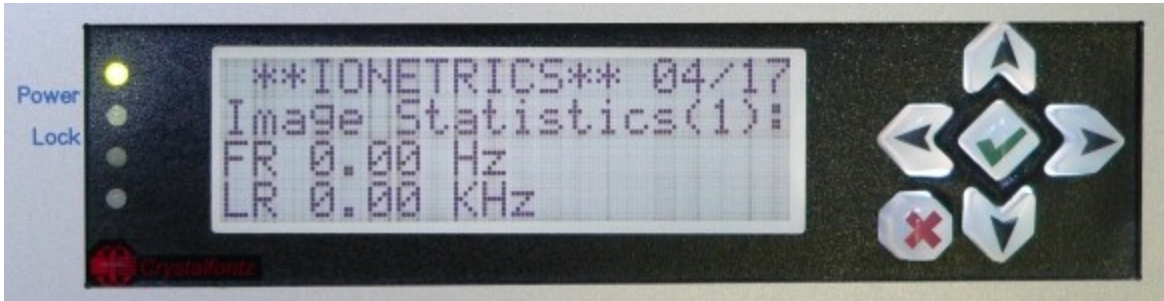
Display GPS Latitude and Longitude

#### Screen 03



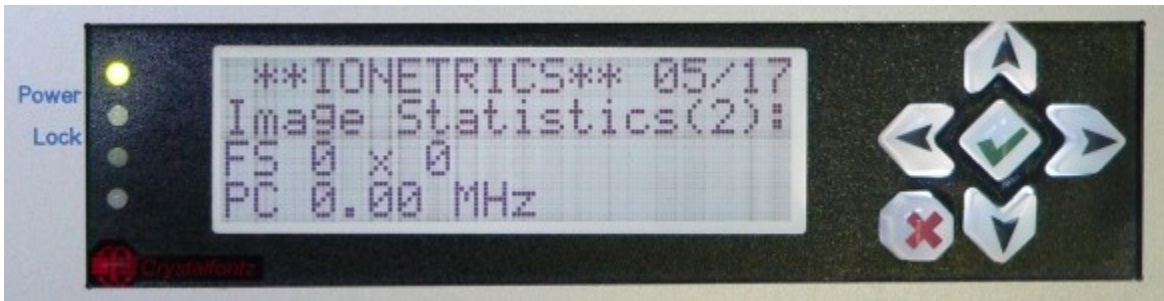
Display GPS Altitude

## Image Statistics Screen 04



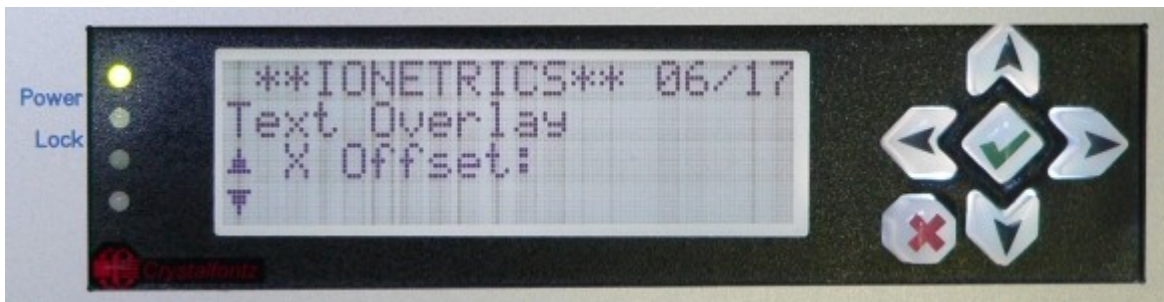
Display Frame Rate  
Display Line Rate  
Update values (Press the Enter Key)

## Screen 05



Display Frame Size  
Display Pixel Clock  
Update values (Press the Enter Key)

## Annotation Control Screen 06



Text Overlay X Offset  
(Press the Up Key to increment by 10 pixels)  
(Press the Down Key to decrement by 10 pixels)

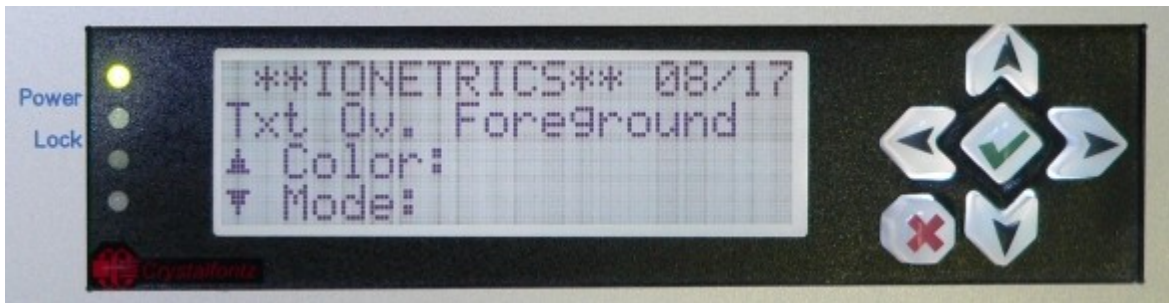
**Annotation Control** (continue...)  
**Screen 07**



Text Overlay Y Offset

(Press the Up Key to increment by 10 pixels)

(Press the Down Key to decrement by 10 pixels)



**Screen 08**

Text Overlay Foreground

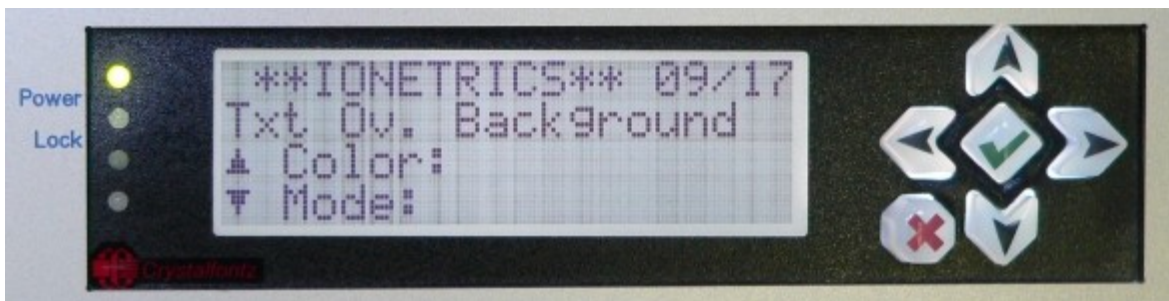
Color – Options: White, Black

(Press the Up Key to change the color)

Mode – Options: Replacement, Transparent, XOR, OR

(Press the Down Key to change the mode)

**Screen 09**



Text Overlay Background

Color – Options: White, Black

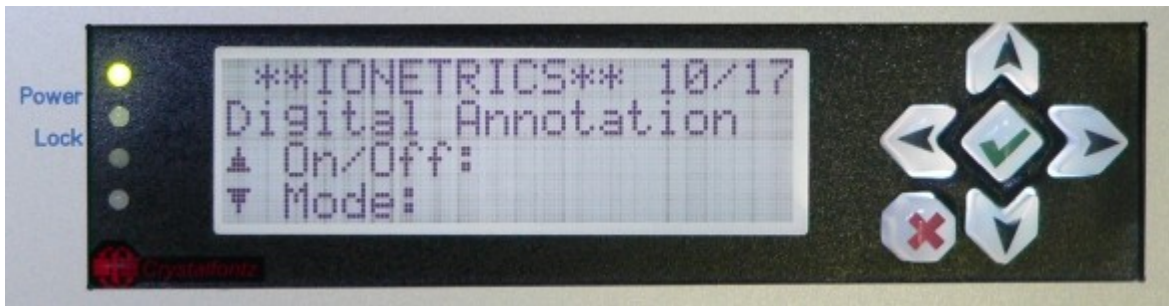
(Press the Up Key to change the color)

Mode – Options: Replacement, Transparent, XOR, OR

(Press the Down Key to change the mode)

## Annotation Control (continue...)

### Screen 10



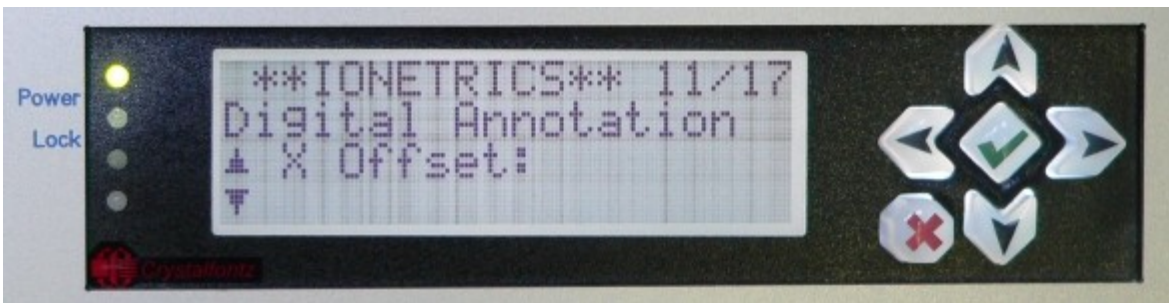
#### Digital Annotation (1)

On/Off (Press the Up Key to Enable or Disable)

Mode – Options: 8-bit, 16-bit HL, 16-bit LH

(Press the Down Key to change the mode)

### Screen 11



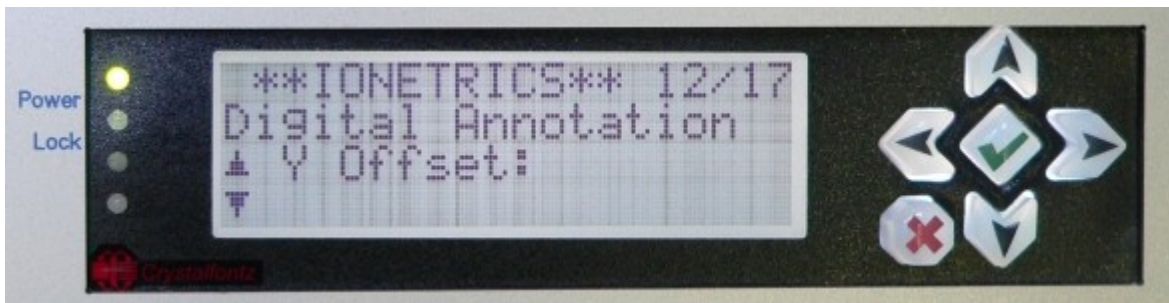
#### Digital Annotation (2)

X Offset

(Press the Up Key to increment by 10 pixels)

(Press the Down Key to decrement by 10 pixels)

### Screen 12



#### Digital Annotation (3)

Y Offset

(Press the Up Key to increment by 10 pixels)

(Press the Down Key to decrement by 10 pixels)

### Screen 13



Manual Time\*, \*\*

(Press the Up Key to move the cursor)

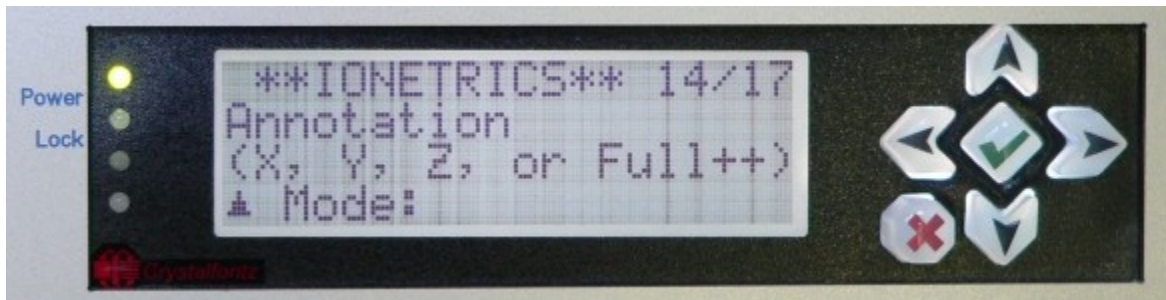
(Press the Down Key to set the digit 0-9)

(Press the Enter key to set the time)

\* The time mode should have been set to IRIGB mode before setting the time (in Screen #1)

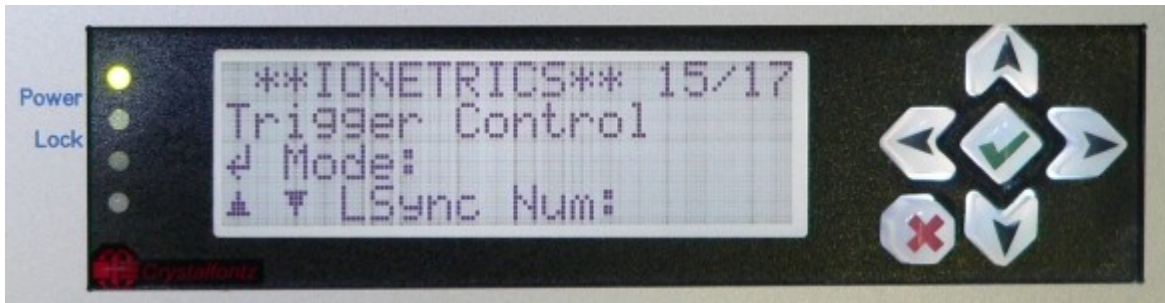
\*\* You must enter the full time (YYYYHH:MM:SS.sss)

### Screen 14



Annotate Mode – Options: Annotate X, Annotate Y, Annotate Z, Full++.  
(Press the Up Key to change the mode)

## Trigger Control Screen 15



IRIG Latch – Options: FSync Rising Edge, Falling Edge,  
LSync Rising Edge, LSync Falling Edge.

(Press the Enter Key to change the options)

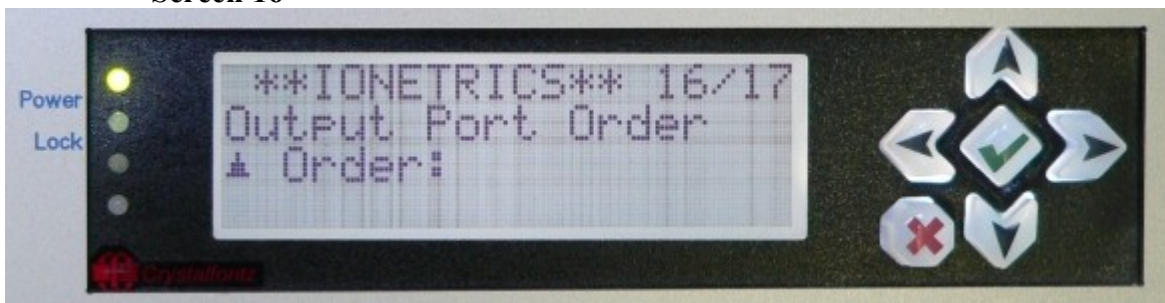
LSync Line Number\*

(Press the Up Key to increment)

(Press the Down Key to decrement)

\*LSync Line Number can only be changed when the IRIG Latch  
is LSync Rising Edge or LSync Falling Edge.

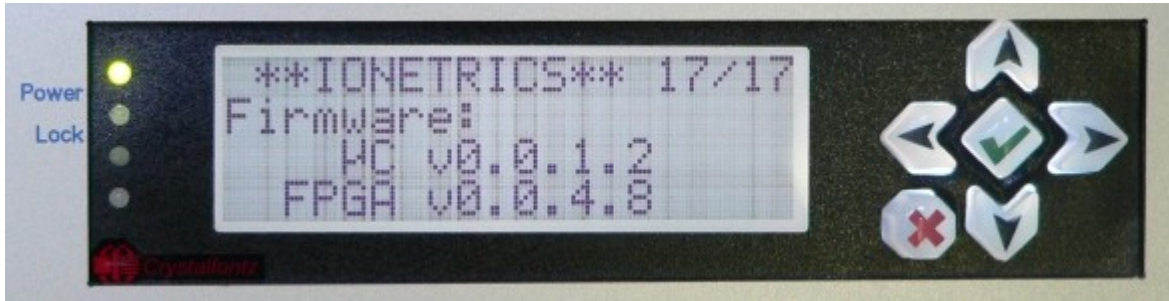
## Output Port Order Screen 16



Set the Port Order – Options: ABC, ACB, BAC, CAB, BCA,  
CBA, AAA, BBB, CCC.

(Press the Up Key to change the port order)

## Firmware Version Screen 17



Display the Firmware Version

Contrast (Press the Up Key to change the contrast)

Backlight (Press the Down Key to change the backlight)

## Breakout Box Controls

### Screen 18 (Sync 1)

Set Sync 1 (Press the Up Key to change the Sync1 mode)

Set the Sync 1 mode (Press the Down Key to change the Sync1 mode)

### Screen 19 (Sync 2)

Set Sync 2 (Press the Up Key to change the Sync2 mode)

Set the Sync 2 mode (Press the Down Key to change the Sync2 mode)

### Screen 20 (Sync 3)

Set Sync 3 (Press the Up Key to change the Sync3 mode)

Set the Sync 3 mode (Press the Down Key to change the Sync3 mode)