

# Weldclass®

## AllClear PD30



# INSTRUCTION MANUAL

Edition V3.1 - 1/07/25

## Register Your Warranty Now

Standard warranty without registration is 2 years. To qualify for an extended conditional 7-year warranty on your purchase you must register within 30 days of purchase. Please register your warranty now by going to:

You will need;



- a) A copy of your purchase invoice / receipt.
- b) Your device serial number which can be found on the bottom of the device

**External Power and Charging** – Connect USB C wall charger, instrument will go to charging mode. Battery Icon will be displayed.

**Important Note:** For best charging result only use the supplied USB charger.

## CONNECTION TO SMART DEVICE

**Weldclass AllClear PD30 Monitor** comes with an embedded application that enables it to connect to smart device using **Wi Fi**.

**Network Name** is ***PD30 - serial number***.

**Wi Fi password** is the ***serial number***.

**Application (Server) IP address is**

**10.10.10.10** Type this into your browser once connect via WiFi. Supported browser – Safari, Chrome, and Edge.

Wi Fi will turn off after 8 minutes.

**Pressing the Power Button Momentarily will turn ON the Wi Fi**

Note: Application is customized for smart mobile devices.

**ON/OFF button** – Press button to switch the device. Long press button while on operation mode to shut-down the device. \*\*\*If device failed to turn ON press the LEFT Hidden Button momentarily (watchdog reset) and then Press the ON/OFF button

**Alarm Indication** – Screen Will Turn RED will blink when the unit reading reaches the set Threshold Limit Value (TLV). For setting the TLV values please refer to section ***ALARM SETUP***.

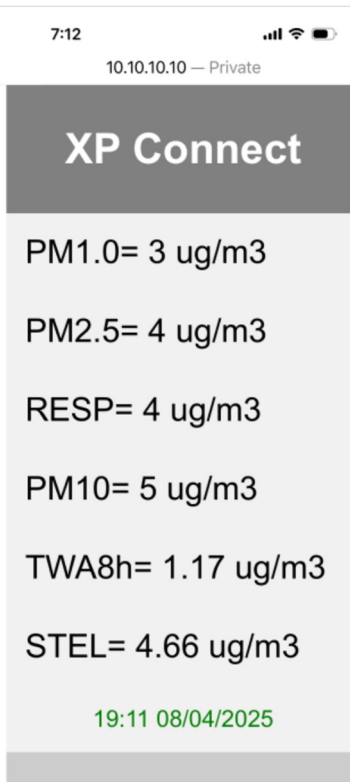
**Battery Power** - GREEN Battery Icon full green up to 13 hours run time, ½ bar 6 hours runtime, 1/3 bar up to 2 hours runs time.

**Empty Battery Icon** will illuminate, with approximately 30 minutes of runtime.

## REAL TIME READING

Connect a Smart Phone or PC via the Wi Fi with credential on the previous section.

Open a browser and enter 10.10.10.10 on the browser URL area. XP Connect will now be displayed on your browser.



**TIME SETUP** – as default unit will be shipped Australian Eastern Standard Time (AEST).  
Make sure to setup time properly prior initial use.

Note: Only change 1 field at a time.

7:12 10.10.10.10 — Private

## XP Connect

HOUR=  [SET](#)

MINUTE=  [SET](#)

SECOND=  [SET](#)

YEAR=  [SET](#)

MONTH=  [SET](#)

DAY=  [SET](#)

[Real Time](#)

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## ALARM SETUP – Weldclass AllClear PD30

Monitors have the capability of setting Threshold limit values, Instantaneous alarms for Respirable and PM10 and STEL and TWA alarms.

**Important Note:** to set your device to alarm for Welding fume (1mg/m<sup>3</sup>) set the RESP TWA8h Alarm to 1000

7:12 10.10.10.10 — Private

**XP Connect**

Alarm set at: RESP=50 & PM10=180  
STEL=50.0 & TWA8h=50.0

Set RESP Alarm:

**SET**

Set PM10 Alarm:

**SET**

Set RESP STEL Alarm:

**SET**

Set RESP TWA8h Alarm:

**SET**

**DOWNLOADING DATALOG** – Immediate download of the datalog using smart device or PC. They can then immediately be e-mailed or shared. Logs are in CSV format for viewing in Excel or similar