

-----Please read this manual carefully before installing and using the product-----

1. Overview

Asenware AW-D120 is an intelligent addressable sounder base for addressable detector (Model A) and conventional detector (Model B), which can be configured with Asenware AW-FP100 Series Addressable Fire Alarm Control Panel.

Each point (device) can be given specific ID, which allows the panel to continuously monitor specific addressable sounder base location (point) and give a visual and audible signal when panel enters fire alarm condition.

2. Product characteristics

- 2.1 Loop powered sounder
- 2.2 LED indicator
- 2.3 Two wire connection (easy to install)
- 2.4 Can be used as a detector base
- 2.5 Meet all requirement of EN 54-3:2014

3. Technical parameters

- 3.1 Operating voltage: 20 to 28VDC
- 3.2 Operating current: Standby state $\leq 7\text{mA}$
 - Alarm status $\leq 60\text{mA}$ with addressable detector
 - Alarm status $\leq 70\text{mA}$ with conventional detector
- 3.3 Alarm SPL: $\geq 65\text{dB}$ @3m
- 3.4 Operating temperature: $-10^{\circ}\text{C} \sim 50^{\circ}\text{C}$ ($14 \sim 122^{\circ}\text{F}$), Relative humidity: $\leq 95\%$ (non-condensing)
- 3.5 Protection class: IP21C
- 3.6 Application: For indoor use only
- 3.7 Materials and colors: ABS, transparent, white
- 3.8 Size: $\Phi 130\text{mm} \times 31.2\text{mm}$
- 3.9 Weight: about 145 g
- 3.10 Mating Host: AW-FP100 addressable fire alarm control panel



4. Dimension

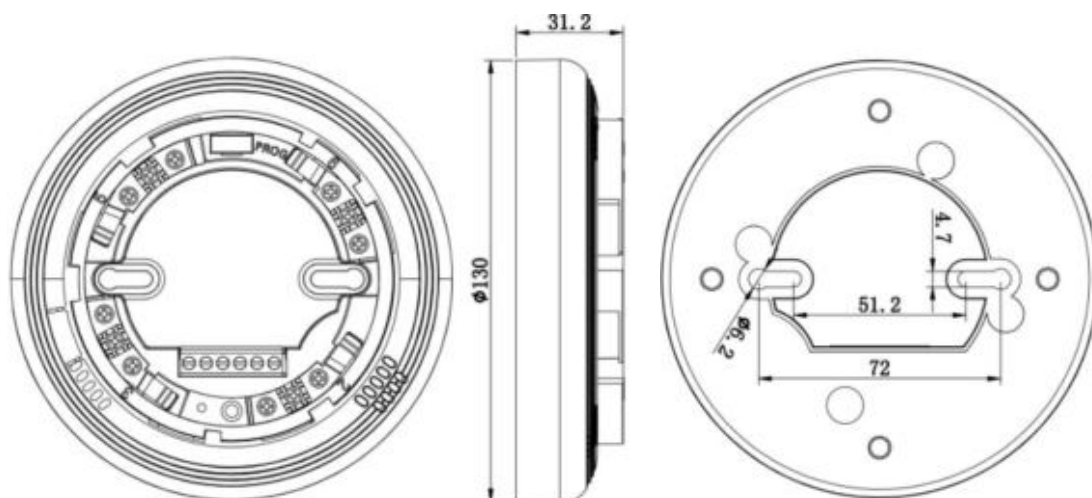


Figure 1. Dimension

5. Terminals

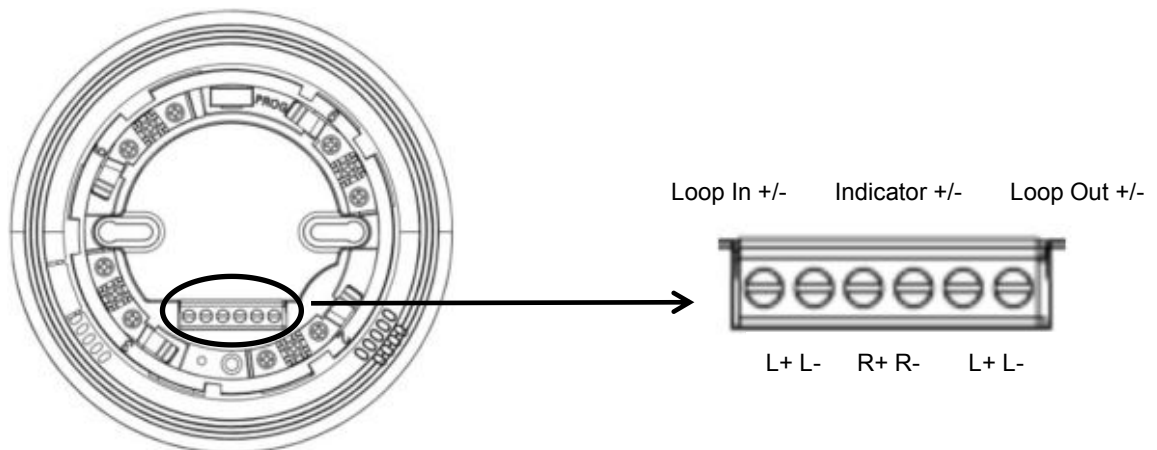


Figure 2. Terminals

6. Programming

Address coding: Hand-held encoder (AW-PR100) should be used for programming address of AW-D120 series. The encoder must be purchased separately. The output of the encoder plug into the socket which inside the AW-D120 Series, set the coder with the coding function, compile the correct address code.

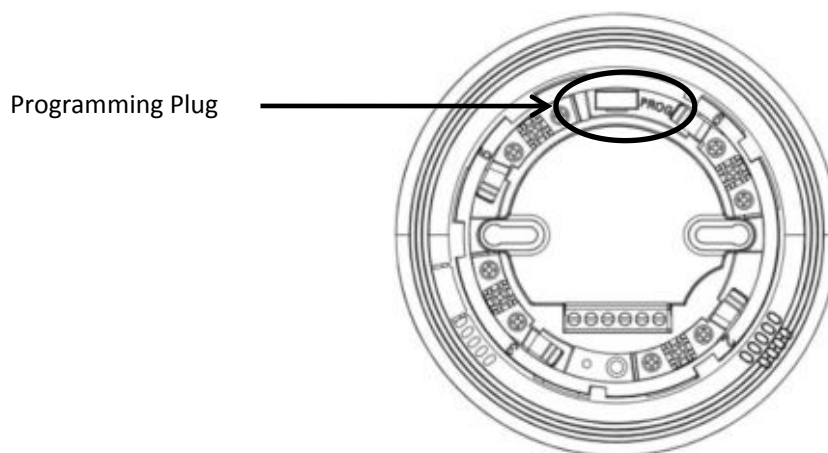


Figure 3. Programming plug