

Wireless Strobe Sounder with Voice

AW-D233L

User Manual



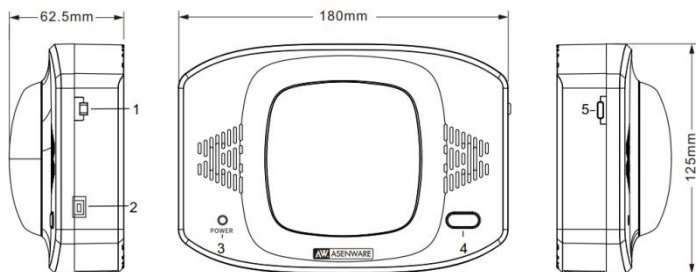
1 Product introduction

The AW-D233L is a Wireless Strobe Sounder with voice broadcast capability, specifically designed for addressable fire alarm systems. During fire incidents, it wirelessly receives alarm signals and emits effective sound alarms, strobe alarms and user-customized voice messages to notify people to evacuate. This product features an internal battery that provides backup power during sudden mains power failure and prevents the device from becoming inoperable if a fire occurs during a power outage.

2 Parameters

Model No:	AW-D233L
Work voltage:	100 to 240VAC
Frequency:	50/60Hz
Alarm Horn (SPL) :	95dB \pm 5% @1m
Sounder Mode:	Fire or T3
Flashing frequency:	1Hz
Alarm Voice (SPL) :	80dB \pm 5% @1m
Wireless Work Frequency:	418MHz-448MHz
In Battery:	3.7V/2000mAh
Work Temperature:	-20°C ~ 50°C (RH<95%)
Dimension:	180*125*62.5mm

3 Front shell Dimensional Diagram





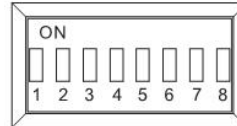
- 3.1 **Built-in Battery Switch:** Slide down to turn ON battery power; slide up to turn OFF battery power.
- 3.2 **Mains Power Cable:** Plug into AC power for normal operation.
- 3.3 **Power Status Indicator:** Flashes when the device is powered.
- 3.4 **Button Functions:** In normal mode, short press to test, long press to enter configuration mode, short press again to exit. In fire alarm state, short press to silence, long press to reset.
- 3.5 **Built-in Type-C Voice Interface:** For replacing internal alarm voice files. Supports MP3/WAV formats (max. 128KB).

CAUTION: The battery switch must be ON to charge the internal battery when mains power is connected.



4 Rear Shell Label Diagram

	1	2	3	4	5	6	7
	Battery Fault	Mains Fault	Sounder Mode	Sounder	Strobe	Voice	Silence
ON 	Enable	Enable	Fire	Enable	Enable	Enable	Enable
OFF 	Disable	Disable	T3	Disable	Disable	Disable	Disable



DIP Switch Functions:

- 4.1 **Battery Fault:** When the machine switch is OFF or the built-in battery malfunctions, the internal circuit detects these conditions; user can enable/disable this alert.
- 4.2 **Mains Fault:** When the mains power connection has poor contact or an open circuit, the internal circuit detects this status; user can enable/disable this alert.
- 4.3 **Sounder Mode:** Selects alarm sound type (Fire or T3) via DIP switch.
- 4.4 **Sounder:** Enables fire sound alarm when switched to 'ON', disables fire alarm when switched to 'OFF'.
- 4.5 **Strobe:** Activates fire strobe alarm when switched to 'ON', deactivates fire alarm strobe light when switched to 'OFF'.
- 4.6 **Voice:** Enables fire alarm voice message when switched to 'ON', disables fire alarm voice message when switched to 'OFF'.
- 4.7 **Silence:** When DIP switch is 'ON', current sound alarm will be suppressed but keeps strobe on when silence; when DIP switch is 'OFF', current both sound alarm and strobe alarm will be suppressed when silence.