

Loop Sounder

for analogue systems

With the introduction of the **XP95 Loop Sounder**, Apollo Fire Detectors presents new sounder technology - loop sounders with an output of 85dB(A) at 1 metre at a current consumption of only 3mA.

Designed to be used with XP95 analogue, addressable fire monitors, the loop sounders communicate using the well established XP95 protocol. At least 32 sounders may be used on an XP95 loop in 85dB mode.

XP95 loop sounders are designed to comply with BS5839, Part 1: 1988 and are particularly suitable for rooms, corridors and other confined spaces. They are supplied as a sounder base or a sounder base with a cap for use as a stand-alone sounder.

The sounders are activated by the control panel. When the panel sets output bit 1 to logic 1 on two or more polling cycles, the sounder will be switched to pulsed mode, 0.5s on, 0.5s off. When output bit 0 is set to logic 1 on two or more polling cycles, the sounder will be switched to operate in continuous mode with an alternating tone, 0.25s 500Hz, 0.25s 550Hz. If bits 1 and 0 are set to logic 1, the loop sounder will operate in continuous mode.

TECHNICAL INFORMATION

Part numbers	45681-261 (Sounder only) 45681-262 (Sounder for use with isolating bases) 55000-259 (Sounder with white cap) 55000-260 (Sounder with red cap)
Operating Voltage	14-28V DC
Sounder output	85dB(A) \pm 2dB 92dB(A) \pm 2dB
Current consumption	
Quiescent	140 μ A at 24V DC
Switch-on surge	1.24mA (for 3 seconds)
Sounder operated 85dB(A)	3mA \pm 0.25mA
Sounder operated 92dB(A)	8mA \pm 0.25mA
Drive frequency	500-550Hz (continuous mode)
Operating temperature	-20°C to +60°C
IP rating	43
Dimensions	115 x 25mm
Weight	140g

CE Marked

The information in this leaflet is given in good faith, but Apollo Fire Detectors can not be held responsible for errors or omissions. Apollo reserves the right to change the specification at any time and without notice.



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THE QUEEN'S AWARD FOR
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A
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- Apollo protocol compatible
- Continuous or pulsed tone
- Sound output 85dBA at 1 metre
- Low current consumption
- Reduces wiring
- Lower installation time and cost

