

Premier Acoustic Product Datasheet



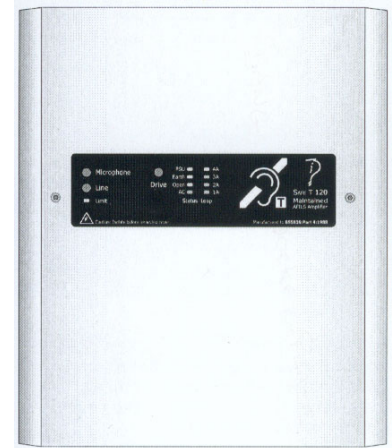
ST 120 MAINTAINED AFILS AMPLIFIER

The ST 120 Audio Frequency Induction Loop amplifier has been designed to specifically meet the requirements for monitored induction loops.

The ST 120 is able to cover a square area of 120m², (11m a side) or a rectangular area up to 70m by 5m (350m²) such as a platform or concourse.

The unit is self-contained in a wall mount enclosure.

The loop contains filters to remove subsonic & supersonic monitoring tones from the audio inputs on a monitored PAVA system.



Features

- Continuous loop monitoring for open and earth faults
- An isolated common fault relay output to the PAVA rack
- 13V6 SLA battery charger & integral 7AH SLA battery
- Battery monitoring
- 20kHz tone filtering
- Wall mounting with 20mm glanded cable entry/ exit
- 100v line priority PAVA input
- Lower priority mic level input
- Microphone input
- Line or 100v Line input
- 120m² square area coverage (11m by 11m)
- Covers areas up to 70m x 5m (350m²) such as platforms or concourses
- Studio Quality Compressor Limiter
- Secure mix controls on front
- 4A Peak Current
- Phantom Power on microphone input
- Two part Screw terminals for ease of installation
- 0.1 to 2 loop drive
- Instructions and Loop Present Sticker provided

Connections

For most applications the ST 120 can be considered as a speaker, and can be connected in series with other speakers in a 100V distribution system. In life safety systems, the feed cable must never be spurred from the main system; the feed cable must enter and leave the ST120 box for monitoring continuity. If the ST120 is the last device on the line, the EOL unit should be fitted inside the ST120.

The microphone input can be used the main audio feed if the unit is used in a conference or boardroom environment.

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