

NB707-V

Tobacco Smoke Alarm (voice)

NB707V tobacco smoke alarms provide smoke detection and voice alarm functions within a single unit. The NB707V range of tobacco smoke detectors have been specially designed to respond to the characteristics of tobacco smoke. Advanced electronics in conjunction with a photoelectric smoke sensing chamber, and three user-selectable sensitivity settings provide early detection and immunity against unwanted alarms. NB707V tobacco smoke alarms do not require a mains supply and are suitable for use in dormitories, public areas, toilets, transport applications and similar. The NB707V range of tobacco smoke alarms provide building owners with an economical tobacco smoke detector and assist in monitoring tobacco smoking within a building to comply with contemporary non-smoking regulations and policies.



Key Features

- Three user-selectable sensitivity settings. Easy installation.
- Voice alarm (can be programmed with different languages)
- Test button verifies battery and alarm operation
- Surface-mount device (SMD) circuit board design
- Single DC 9 V user-replaceable battery. 30 day low battery visual warning signal
- High-performance MCU. Advanced algorithm
- Voice warning message activated 10s after alarm is triggered, repeated 4 times
- Automatic reset in 6 min after activation. Manual reset by pressing Test button for 4s
- N/C or N/O alarm relay output available. Remote LED indicator output available

TECHNICAL SPECIFICATIONS

OPERATING VOLTAGE	DC 9 V Battery
AUDIBLE ALARM SOUNDER OUTPUT	LED flash once every 45 s
ALARM RESPONSE THRESHOLD ^a	0.02 dB/m ~ 0.04 dB/m 0.04 dB/m ~ 0.06 dB/m 0.06 dB/m ~ 0.08 dB/m
ALARM INDICATOR	LED steady on, and voice alarm activated in 10 s, voice alarm repeated 4 times
AUDIBLE ALARM SOUNDER OUTPUT	≥ 45 dB @ 3 m
VOICE WARNING MESSAGE	Smoking is prohibited in this area. Please extinguish cigarettes and only smoke in a designated location.
ALARM RELAY ^b	SPST. N/O or N/C. 1.0 A @ DC 30 V / 0.5 A @ AC 125 V
FAULT INDICATION	LED flash twice every 45 s
OPERATING TEMPERATURE	-5 °C ~ +40 °C
OPERATING HUMIDITY	0 % ~ 95 % RH, non-condensing
DIMENSIONS	Ø 105 mm × 50 mm

^a User Selectable

^b For NB707V-RL model only.

ORDER CODE	Remote LED Output	Alarm Relay Output
NB707V		
NB707V-RM	✓	
NB707V-RL		✓

