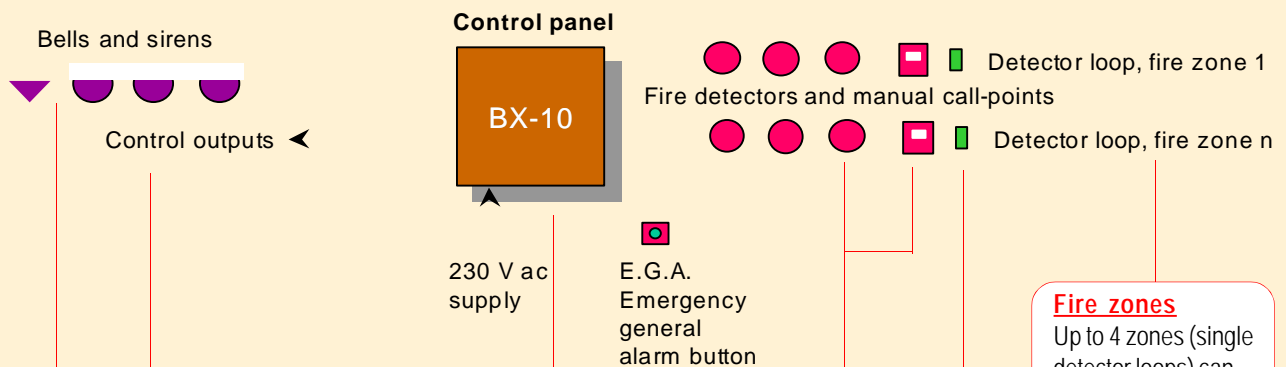


Typical design of a conventional, fixed fire detection system

Autronica offers BX-10, a conventional fire detection system for cargo ships, fishing vessels, yachts etc.



Control panel/unit
The control unit contains an integrated temperature compensated power supply and emergency batteries (back-up for more than 18 hrs.)

Fire zones
Up to 4 zones (single detector loops) can be connected. Each zones can have up to 32 detector devices.

End load
Each zone (single detector loop) must have an end load.

- Outputs:**
- * 24V dc / 0.63A to external equipment
 - * 12V dc / 0.4A to external equipment
 - * 12V and 24V power outputs (PIR det.)
 - * Two alarm outputs for sounders (monitored for break/short circuit)
 - * BMA alarm output (optional 24V dc and pot. free relay output)
 - * BMF error output (optional 24V dc and pot. free relay output)
 - * 24V dc / 0.2A output for fire doors
 - * Four transistor outputs for zones
 - * AUX 1 transistor output (activated when zone is disabled)

Bells and sirens
A wide range of bells and sirens are available.

BX-10, Conventional fire detection system
is designed to meet all requirements from the major classification societies. Contact Autronica for more information.

- Conventional detectors and manual call-points**
- Optical smoke detector:
Type BH-25 (IP32 or IP44) Detector for overall use - special for accomodation.
- Ion smoke detector:
Type BJ-20B (IP32 or IP44) Detector for overall use - special for engine areas. Also Exi version.
- Temperature detectors:
Type BD-25 (IP23) EN-54/5 Grade 1 detector for accomodation.
Type BD-26 (IP56) EN-54/5 Grade 1 detector for overall use. Also Exi version.
Type BD-27 (IP56) EN-54/8 Detector (80°C) for gally and engine room. Also Exi version.
Type BE-23 (IP55) Detector for sauna.
- Flame detector:
AUTROFLAME UV/IR or IR³ Moder, high quality detector.
- Manual call-points:
Type BF-20 (IP44) for accomodation.
Type BF-21 (IP44) for engine areas. Also Exi version.
Type BF-24L (IP56) for car decks / high humidity areas
Type BF-25 for open deck.
- All types of detectors and manual call-points can be mixed in the same detection loop/zone.*