



- Can be expanded to two loops
- 125 device addresses per loop
- Possibility for extra control panels via RS485
- 2 fire output changeover relays
- 2 monitored sounder outputs
- Full monitoring of integrity on detector loops
- 384 programmable zones
- 512 fully programmable sounder and I/O groups
- Backlit LCD display with 4x40 characters
- Free Windows based configuration software

MAGNUM 10 is a compact one-loop alarm panel with the opportunity to expand to two loops. The alarm panel supports up to 125 addresses per loop.

Thanks to the advanced communication protocol, up to 32 individually addressable sounders can be associated to each loop. Shadow sounders enable connection of even more sounders.

Extra control panel can be connected via monitored redundant RS422/485, fibre optic loop or TCP/IP network.

Flexible “cause and effect” configuration of I/O devices and alarm devices enable detailed customization of the system to the customer’s needs.

Automatic device recognition upon start-up reduces the time needed for commissioning. MAGNUM 10 detects and recognizes addressed and connected devices, and the system is fully functional in less than two minutes. The standard configuration ensures that the system is ready to detect fire and faults from the moment the power supply is connected. A further configuration to customize the system can be done from a laptop with separate software.

Specifications

Operating voltage	85-265 VAC, 50/60 Hz
Battery capacity	2 x 12 V, 7 Ah
Loop capacity	125 addresses, max. load 275 mA
Loop cable	1 Km 1,5mm ² , max. 120 pF/m
Sounder outputs	2 x 24 V monitored, max. 400 mA ea.
Relay output (voltage free)	2x fire, 1x fault, rating 1A @ 50VDC
Auxiliary voltage output	300 mA @ 24 VDC
Operational temperature	0 °C to +40 °C
Relative humidity	0-95 % (non-condensing)
Dimensions (WxHxD)	272 x 404 x 107 mm
Weight	2 kg w/o batt; 7 kg w/ 2 x 7 Ah

Approvals / certificate numbers

CPD

1328-CPD-0183

FG

BRANN S-1055/11
LANDBRUK LA-013/11 (w/ ASPECT)

Ordering information

MAGNUM 10 [language]	Analogue addressable fire alarm panel, 1 loop
MAGNUM 10 LC	Expansion board, 1 loop, for MAGNUM 10