

## 20 Zone Master Call Controller c/w 300mA PSU (Flush Version)

Part No. **NC920F**



### Overview

Compatible with C-TEC's entire range of 800 Series field devices.

Housed in an attractive flush mounting plastic enclosure measuring just 214mm x178mm

Two call levels - standard (constant tone) and emergency (intermittent tone).

Optional mute and call accept/reset buttons.

Call Accept' functionality allows staff to send an intermittent call acknowledgment signal to calling zones to confirm help is on the way (dependent on wiring and field devices used).

Includes a 12V 300mA PSU and 2volt-free relay contacts which activate on a standard or emergency call.

Innovative slide-in labelling system.

Zones can be wired in 4 or 6 core (7/02) stranded security cable.

Additional master controllers and expansion units available for use as repeaters on larger sites.

Optional boxed PSUs c/w with space for a 12V VRLA battery available for sites where a standby battery facility is required.

### Technical Specifications

Mains supply	230V 50/60Hz. (36mA max. current).
Internal power supply	11V d.c. (300mA max. current when powered by Mains).
Quiescent current	0mA (none).
Alarm current	Determined by the number/type of field devices connected to the call controller/system.
Auxiliary relays	2 volt free relay contacts (NO/C/NC). Activate when a standard or emergency call is received by the controller. Both relays rated at 30V d.c. @ 1A.
Auxiliary inputs	External PSU Input: 9V-15V d.c. @ 400mA (suitable for use with an BF560-12 12V 2A boxed PSU which has space available for a 12V 7AH battery).
Indicators	Green Power on LED; 20 x red Zonal Alarm LEDs (lit steady for a Standard call, pulse for an Emergency call); Internal buzzer (on steady for any Standard call, intermittent for any Emergency call).



Controls	2 Buttons - (A) Reset or inactive ; (B) 'Mute' or 'Call Accept'. (Both buttons are link selectable). If Call Accept is selected indicators on relevant field devices will emit a slow intermittent tone to reassure users help is on the way.
Expansion connections	CONN2 allows the connection of 1 x NC910EF 10 Zone Expansion Unit or 1x NC920EF 20 Zone Expansion Unit.
Call acknowledgement functionality	Yes.
Product dimensions (mm)	214 W x 178 H x 70 D mm (overall). Hole required for flush mounting is 176 W x 162 H x 55 D mm.
Construction & finish	Plastic detachable lid and back box. RAL7035.
IP Rating	IP41.
Weight	147kg.
Operating conditions/temperature	-5°C to +40°C. Max. relative humidity 95% non-condensing.



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