

3007600007

**AB708**

Wall Substation 1 Direct Call Button



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## Description

- ✓ Processor controlled substation with one call button
- ✓ The station has a built-in loudspeaker and microphone
- ✓ No exchange is required
- ✓ All stations are wired in parallel via a 2 pair cable
- ✓ Duplex speech
- ✓ Simplex speech can be controlled from the conversing full keypad master station.
- ✓ Can be surface mounted on the wall.
- ✓ Can be flush mounted through the use of an easy snap-on frame BF636
- ✓ Easily programmable by internal switches

AB708 is a substation for wall mounting with one call button. The button can easily be programmed to offer a number of different call functions. The following calling alternatives are available:

#### 1: Door Bell

A typical function for entrance control to a building with many receiving stations inside.

A signal is audible in the receiving stations when the call button is pressed in AB708. The call can be accepted in the receiving full keypad master stations, by pressing the "5" button. A total of 19 master stations (maximum) can receive this Door Bell call.

If the Door-Bell call is not accepted within 30 seconds or 2 minutes, the door bell call is automatically cancelled.

#### 2: Call request. (CAS, Central Answering Service)

A typical function in a surveillance system with calls to one guard position

A signal is audible in the receiving stations when the call button is pressed. The call can be accepted in the receiving full keypad master stations, by pressing the "0" button. A total of 3 master stations can receive this call request. The calling AB708 stations are queued until answered, with no time limits.

#### 3: Direct call to numbers 13, 19, 29, 39 or 49

If nobody is available to answer the Door Bell call, the conversation can be limited to 30 seconds via switch programming. The call will, automatically disconnect, after 30 seconds.

The station can receive incoming calls from all the stations in the system. The AA708 consists of a processor and software and should not be connected to an exchange. All programming is performed via switches inside the station, by following an easy instruction.

The cable layout is very flexible. All stations are wired in parallel in a star or bus configuration.

Minimum 2 pairs twisted cable are required, 1 pair for conversation and display data, one pair for supply voltage between 12-27 VDC.

An optional 3rd pair can be installed for program distribution (radio).

An external 20 ohms horn loudspeaker can be connected if higher volume is required.

# Specifications

ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
3007600007	AB708 Pro700 Wall Substation	0.4 kg/0.88 lbs.
Supplementary equipment:		
3007600017	BF636 Front plate for flush mounting	
3007600016	BF635 Backbox plaster	

## GENERAL

3007600007	AB708 Pro700 Wall Substation
Colour	Light grey
Material	ABS plastic
Dimensions (WXHxD)	80 x 220 x 51 mm, 3.1 x 8.7 x 2.1 inch.
Weight	0.4 kg
Operating voltage	12 - 27 VDC
Minimum operating voltage	10 VDC
Power consumption	Minimum 30 mA Maximum 200 mA Maximum with external loudspeaker 400 mA
Output power	1 W
Maximum distance from power supply	0.6 mm cable 12 VDC: 100 m 18 VDC: 300 m 24 VDC: 500 m
Frequency range	100 - 5000 Hz
Type of signalling	32 kHz ASK
Permitted cable capacitance	Maximum 87 nF
Cable connection	Screw terminals
CE certification	EN 50081-1 Radiation EN 50082-1 Immunity