

PR0700

# MULTIPURPOSE UNIT



when communication is **critical**

## FEATURES

- **Splashproof multipurpose substation**
- **Processor controlled station without an exchange**
- **Simplex or duplex speech control**
- **3 W built-in amplifier**
- **Optional 10 W amplifier with “talk back” function can be installed inside the station cabinet**
- **Built-in relay for remote control of door lock, camera, etc.**
- **Without keypad**
- **Programmed via internal switches**
- **External audio devices such as combinations of handset, microphone and loudspeaker must be connected**

## DESCRIPTION

BC735 is a dust and splash proof substation without keyboard, loudspeaker and microphone. The station requires an external loudspeaker, which can also be operated as microphone (Talk-back function). An external microphone or handset can also be installed. The station also includes an internal relay for control of door lock, camera, extra call warning device, etc. The station can receive call from all other stations in the system. Direct one key dialling can be operated by installing one external push button.

BC735 include its own processor and software, and shall therefore not be connected to a central exchange. All programming is carried out via switches inside the station.

A 10 W amplifier, FC740, can be installed inside the station cabinet. The amplifier offers a “Talk-back” function. The external loudspeaker can then be used as a combined loudspeaker and microphone. And additional 24 VDC or 24 VAC power supply is then necessary. An external handset module can also be connected to BC735.

All stations are connected in parallel. The cable system is therefore very flexible. It can be star or bus structure. You need one pair for audio and signalling, one pair for power and one pair for program distribution. This is a total of 3 pair twisted cable. A 2 pair twisted pairs cable is sufficient if program distribution is not required.



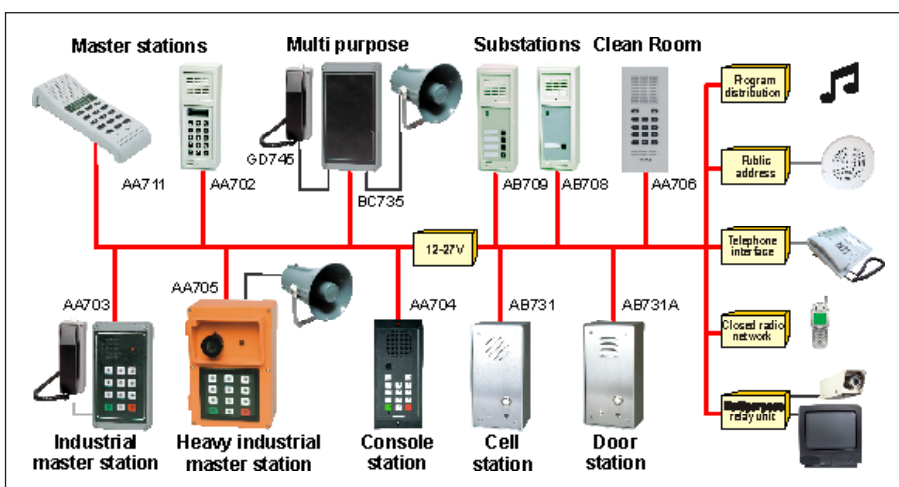
ORDER NUMBER	DESCRIPTION	SHIP WEIGHT
BC735	Pro700 Multipurpose unit	845 g
Supplementary equipment: FC740 GD745		10 W internal amplifier with "Talk-back" function Handset

## PRO700 MULTIPURPOSE UNIT

### SPECIFICATIONS

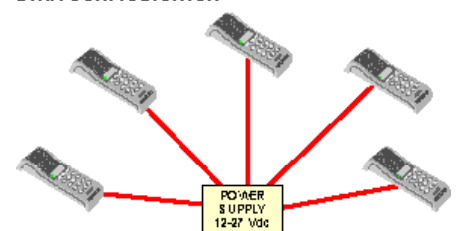
Operating voltage	12-27 VDC
Power consumption	Minimum: 30 mA Maximum: 200 mA Maximum with external loudspeaker: 500 mA
Frequency range	100 - 5000 Hz
Output power	3 W
Type of signalling	32 kHz ASK
Protection	IP-64
Remote control	Max. 2 A. res.last
Volume	23 dB
Dimensions (DXBXH)	63 x 124 x 244 mm
Max. cable length	12 VDC: 100 m 18 VDC: 300 m 24 VDC: 500 m
Colour	Grey
Material	Beyblend plastic
CE certification	EN 50081-1: Radiation EN 50082-1: Immunity

### PRO700 SYSTEM



### CONNECTION

#### STAR CONFIGURATION



#### BUS CONFIGURATION

