

Description

The Base Unit is the on-site communications hub for the General Alert system.

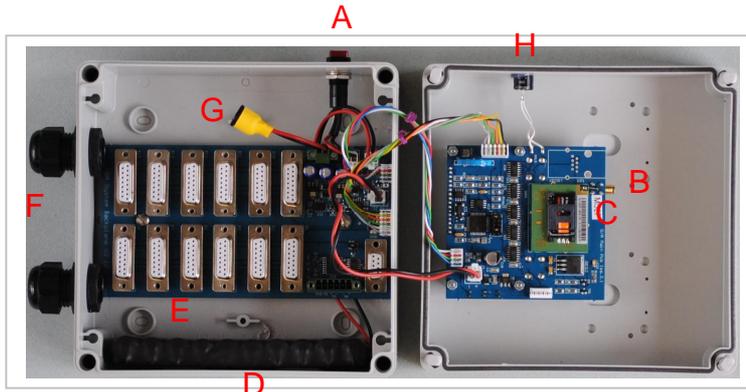
The Base Unit contains PODs to connect to sensors and a GSM modem to handle SMS messages.

See Quick Fit and Instructions for Use for installation details.



Base Unit (GSM)

Item
20G12G0



Inside the Base Unit

CONNECTIONS

Location	Description
A	Power on / off
B	GSM aerial connection
C	GSM modem with SIM card
D	Back-up battery
E	Positions for 12 PODs
F	Glands to pass sensor, power and aerial cables into Base Unit
G	12V DC connection socket
H	Speaker

Notes:

A The main power on/off button. The Base Unit will be activated and powered by the 12V DC supply (if connected) or by the back-up battery.

B Pass the plug from the aerial supplied (45mm Part No.44G01) through the gland F and connect to the screwed connector B. In areas with poor GSM phone signal use aerial Part No. 44G02 with greater gain.

C The GSM phone modem is pre-fitted with a SIM card to suit your geographical area.

D The back-up battery will last for up to 6 hours to keep the base unit functioning in case of power failure. Back-up time will reduce with the number of PODs installed.

E PODs can be push fitted onto any free socket. The position of each POD is not important although the pH POD may need to be positioned on the top row of sockets (as viewed above) for reasons of space for the BNC connector on the pH POD.

F The Base Unit is NOT IP rated, so protection from the environment is necessary. To assist with protecting the circuitry inside the Base Unit, pass all cables from sensors, the power cable and aerial lead through the glands.

G A 12V DC power supply is supplied with the Base unit. Only use a 12V DC (1.00A minimum) power supply with 2.1mm centre positive connection.

H The speaker gives an audible tone indicating incoming and outgoing SMS messages.

CALIBRATION

None

Orientation

Wall mounted normally, but any orientation possible.
