When an alarm condition is detected the Alarm-Tel dials to any combination of three different telephone numbers to alert on-duty personnel. The unit stores up to three pre-recorded messages which can be used to warn of three different situations, e.g. mains failure, high level, pump tripped etc. Alarms 2 & 3 are specific to your alarm system and can be changed as often as desired; Alarm 1 is fixed as mains fail alarm.

Three 16 digit telephone numbers may be stored (note emergency numbers such as 999 numbers may not be stored). Once a call has been acknowledged as being received, the unit clears down and does not dial any other numbers unless selected to do so. Calls can be acknowledged by most ‘tone type’ telephones. The numbers are simply programmed using the text display and keypad on the unit.

A built in microphone and speaker allows phrases to be recorded and replayed directly from the unit. When the outgoing call is answered the Alarm-Tel plays a common phrase (0), and one of the three alarm messages (phrase A, B or C). Phrase 0 states your site name and address and phrases A, B and C relate to your particular alarm situation. Each phrase can be up to 8 seconds long.

On receiving a call from the Alarm-Tel the person answering acknowledges it by pressing the number 8 on their telephone. **If the recipient of the alarm call is not connected via a BT digital exchange then the “touch tone” acknowledgement will not operate and a small tone-pad generator will be required at an additional cost**. The Alarm-Tel may be programmed to stop dialling after the first call has been acknowledged or when two or three have been acknowledged as required. If the message is not acknowledged after the fifth attempt, the unit aborts the call and dials the next telephone number. This procedure is repeated for all three numbers, if no acknowledgement has been received then the dial out shuts down.

The dial out requires a constant 50Hz supply to constantly charge the sealed for life battery; if this supply is lost the unit will dial out message 0 to A (mains failure). The remaining two alarm inputs, message 0 to B and 0 to C, can be used as desired, e.g. monitor high level from a float switch, pump tripped from a volt free contact etc. The battery supply to the unit will be maintained for approximately 24 hours, and on restoration of its main supply the battery will be recharged in approximately 16 hours. With mains supply available, the alarm will operate indefinitely.