

User Guide

IQTEL 280 Memory Telephone

IQTEL Business Telephones - Quality at your fingertips

by **INTERQUARTZ®**

1. General

Please refer to the diagrams for locating the keys, buttons, switches, sliders and sockets described below.

2. Installation

- 2.1** For optimum performance and matching to your line conditions you should confirm the PBX settings on the underside of the phone. Check with your telecommunications manager or your PBX supplier on the line condition and required PBX settings. Always make sure that the phone is not connected to the line before adjusting these settings.

To access the phone's PBX setting switches you need to remove the PBX setting switches' cover on the underside of the phone. You can open the cover with a small flat tip tool; such as a small flat-end screw driver. Carefully insert the tool into the slot on either side of the cover and prise carefully to release the latch.

The **Timed-break Recall Timing Switch** determines PBX Recall at either 90ms, 300ms OR 600ms timed-break duration. The setting should be at 300ms for central office (PSTN) line.

The **Termination Switch** select impedance matching at either COM for complex OR 600 for 600Ω line termination to achieve optimum sidetone performance. The setting should be at COM for central office (PSTN) line.

The **Gain Control Switch** should be at setting (B) for central office (PSTN) line or PBX line with loop current of 45mA or above. Setting (A) is for PBX line with loop current below 45mA.

- 2.2** The memory contents are normally supported by the telephone line power. The memory will retain for up to thirty (30) minutes even when there is line power interruption provided the phone does not go off-hook during the interruption. However if you choose to use memory backup batteries then you can insert two (2) AA size alkaline batteries into the battery compartment. Batteries not included with phone.
- 2.3** If the phone is for wall mounting then you need to re-position the handset retainer.
- 2.4** Plug the handset cord (the curly cord) into the phone and the handset respectively. Place the handset in the cradle.
- 2.5** Plug the line cord into the phone and the incoming line jack point respectively.
- 2.6** Set the ringer volume and the ringer pitch accordingly.

3. Memory Dialling

You can store any of the 4 x 3 DTMF keys (1, 2, 3...to 0 including * and #), the PAUSE key and the PBX Recall key into any of the one-touch memory locations. Each time you store new data into a memory location you will overwrite previously stored data.

If your telephone is behind a PBX then when dialling an outside line you may need to dial a PAUSE after the outside line access code before dialling the telephone number.

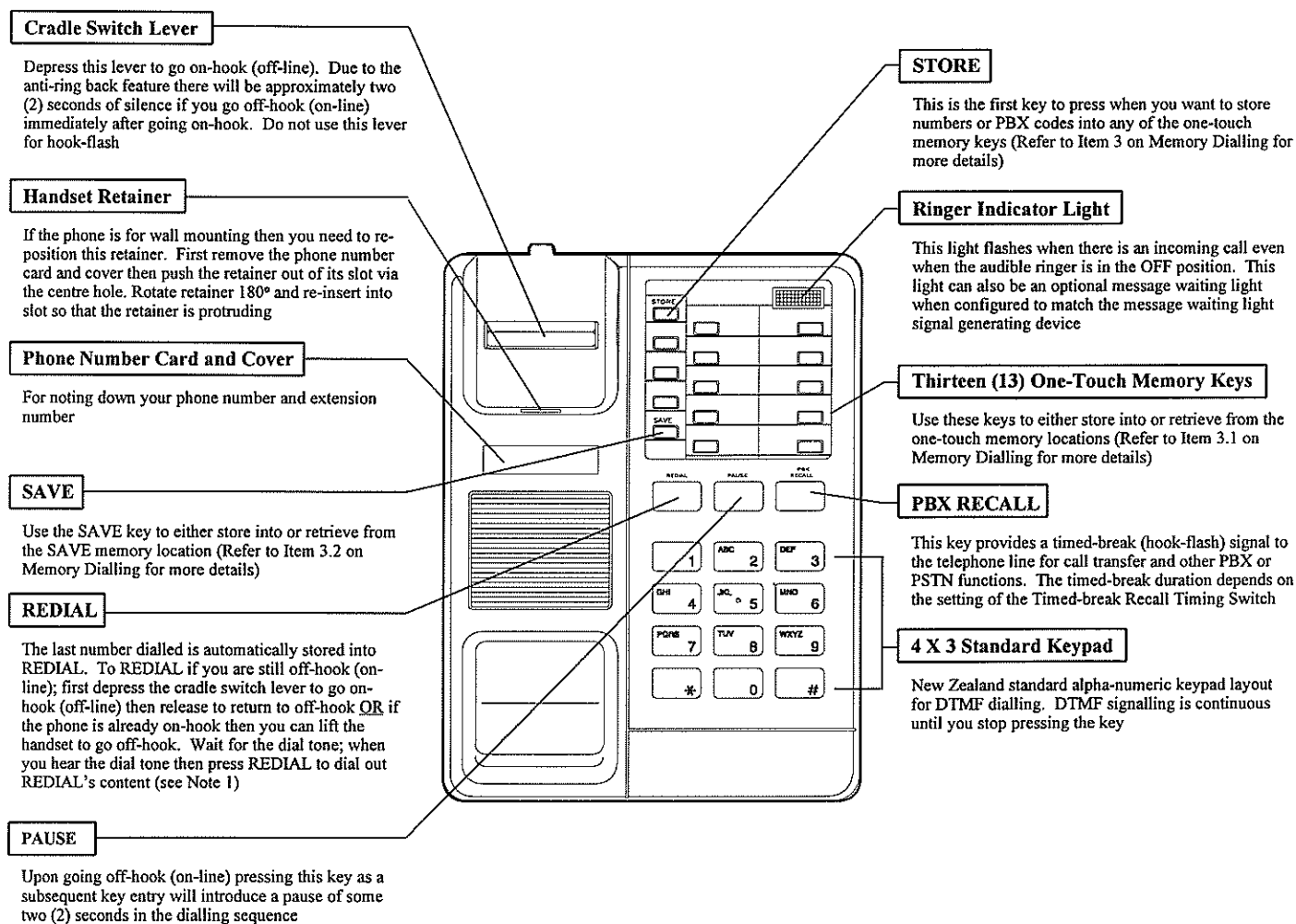
3.1 Using the thirteen (13) One-Touch Memory keys

Storing a number into any one of the thirteen (13) one-touch memory keys

- The phone needs to be in the off-hook (on-line) state to perform this operation
- Lift the handset and wait for dial tone; when you hear the dial tone the phone is in the on-line state. Do not worry if the dial tone later changes to a disconnect tone
- Press the STORE key
- Follow by entering the number sequence you want to store. You can enter up to a maximum of fifteen (15) digits. Please note that each PAUSE counts as one digit
- Finally press the desired one-touch memory key to complete the storing operation
- Set phone on-hook (off-line) by returning handset to cradle or depress the cradle switch lever
- Note down what you stored on the index card next to the appropriate memory key

Dialling via any of the one-touch memory keys

- Lift the handset and wait for dial tone
- When you hear the dial tone then you can press the appropriate one-touch memory key to dial the content



3.2 Using the SAVE key

Storing into SAVE a number you just dialled (maximum 31 digits)

- After dialling a number and before hanging up to go on-hook (off-line), press the SAVE key. The number you just dialled is now stored into SAVE
- Set phone on-hook (off-line) by returning handset to cradle or depress the cradle switch lever

Storing into SAVE when using as number Notepad Function

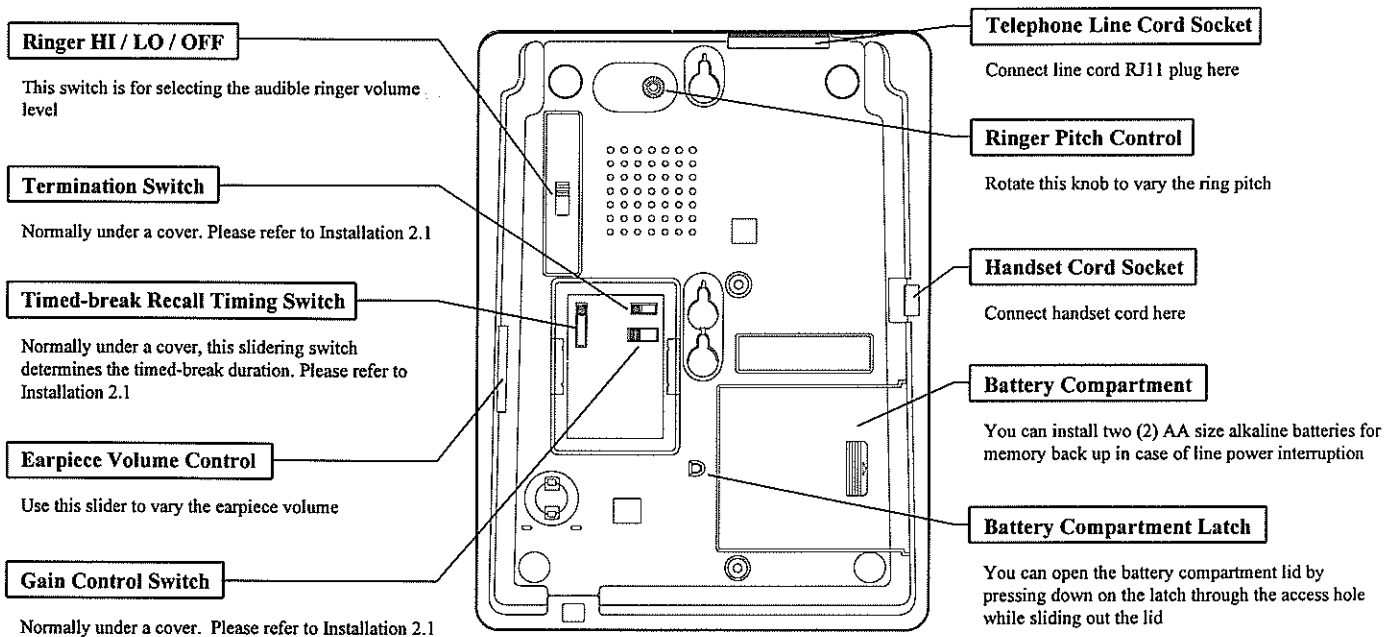
- While off-hook (on-line) press STORE to go into the STORE mode
- Follow by entering the number sequence (maximum 31 digits) you want to store
- Finally press the SAVE key to complete storing procedure

Dialling from SAVE

- If you are still off-hook then first go on-hook then return to off-hook OR if the phone is already on-hook then you can lift the handset to go off-hook
- Wait for dial tone; when you hear dial tone then you can press SAVE to dial out the content of SAVE (see Note 1)

Note 1

For correct dialling using SAVE or REDIAL ; after going off-hook you must NOT press any other keys before dialling SAVE or REDIAL. Dial SAVE or REDIAL only after you hear the dial tone.



4. Cascade Dialling

You can dial a number via a combination of manual and one-touch memory dialling or successive one-touch memory dialling.

For example:

- Lift the handset and wait for dial tone
- When you hear dial tone you can manual dial via the keypad
- Press a one-touch memory key to dial out its stored content
- Press another one-touch memory key to dial out its stored content
- The phone will dial all the above in succession

5. The optional residential HOLD function

If your phone includes the optional residential HOLD function then:

- While on a call you may press the HOLD key to activate the residential HOLD function
- The adjacent red LED lights up to indicate HOLD active status
- Place the handset back into the cradle without loosing the current connection
- The phone will now hold the current connection for two (2) minutes before the HOLD function automatically de-activates and disconnects the call. When the HOLD function de-activates the red LED will automatically turn off
- While on HOLD within the two (2) minutes holding time you may de-activate the HOLD function and resume the call by lifting the handset from the cradle. Alternatively you may do the same by lifting the handset of a parallel connected phone

