

# Lazer Prestige Models 905, 906 & 907

## Setting Soft Ring Message Wait & Resetting Factory Defaults

### Soft Ring Message Wait 'SR'

In place of the more common 'Reverse Polarity' and 'High Voltage' message wait signals, some makes of office telephone systems (PABX) provide a special type of Message Wait Signal known as 'Soft Ring'.

In order for the Prestige phones to recognise this type of message wait signal, it may be necessary to program the phone to match the timings of the signal sent by the PABX.

Note the programmed times are held in non-volatile memory and will be retained when the phone is disconnected from the telephone line, or in the case of the 907, when the batteries are removed.

#### **When programming for Soft Ring settings, 3 timings are involved**

T1 the duration of the first ring signal

T2 the time between the first and second ring signals

T3 the duration of the second ring signal

### Model 907 'SR' settings

On the model 907, there are 3 time settings that can be adjusted, T1, T2 and T3. When the 907 is supplied (factory default), these times are set as follows.

T1 = 145 mS

T2 = 330 mS

T3 = 145 mS

#### Note:

The time settings on the 907 have a capture range of +/- 30mS. Therefore the phone will be able to detect signals that are within +/- 30mS of the set times.

For PABX systems that offer a Soft Ring Message wait signal that does not comply with the factory default settings (above), it will be necessary to change these timings as follows.

- With the phone in the On Hook mode (handset on hook and the phone connected to a telephone line)
- Set the Message Wait switch at the rear of the phone to the 'SR' position
- Press and hold the SET button to enter the settings menu.
- When the display changes to show the Language setting, release the SET button and then repeatedly press SET until the display shows

T1 - 6.6 \* 022mS

Note: The display indicates that the time is in multiples of 6.6 mS. In the example shown above the T1 timing would equate to  $6.6 \times 022 \text{ mS} = 145.2 \text{ mS}$

- Use the CLI UP /DOWN buttons to change the time of the T1 setting.
- When you have selected the correct time for T1, press the SET button to confirm the change and the display will change to show the T2 setting.
- Use the same procedure to change the settings of T2 and T3, ensuring you press the SET button after changing the T3 setting.
- Having made the changes, the phone must go Off Hook and then On Hook for the changes to be activated.

### **Siemens PABX systems**

If the 907 is to be connected to a Siemens system, the use the following times.

T1 - 6.6 \* 006mS (= 39.6 mS)

T2 - 6.6 \* 017mS (= 112.2 mS)

T3 - 6.6 \* 006mS (= 39.6 mS)

## Model 905 & 906 ('SR' - Soft Ring Message Wait)

On the 905 & and 906 models, the timing of the T1 and T3 signals are pre-set to accept Soft Ring signals with duration from 40 mS to 200 mS.

The T2 signal (time between the first and second ring) can be changed in steps of 33mS.

To Program the T2 signal (models 905 and 906)

- With the phone in the On Hook mode (handset on hook and the phone connected to a telephone line)
- Set the Message Wait switch at the rear of the phone to the 'SR' position
- Press and hold the STORE button for 3 seconds
- Press the \* button
- Enter 2 digits for the T2 time (this can be between 01 and 15)
- Press the STORE button to confirm
- Operate the hookswitch to activate the setting

Note:

The time setting is in multiples of 33mS with a capture range of + 56mS. Therefore if you program the phone with a setting of 08 the time will be  $08 \times 33\text{mS} = 264\text{mS}$ .

When the capture range is taken into account, the phone will detect signals with the range 264mS to 320mS

### **Siemens PABX Systems**

When connected to a Siemens PABX system, the T2 time should be programmed as 03 ( 99mS)

### **IMPORTANT**

Should you require further information on message wait or assistance in the setting of soft ring timings, please call Lazerbuilt on 01438 743753 (office hours)

## ***Resetting the phone to the factory default settings***

### **Models 905 & 906**

- With the phone in the ON-HOOK mode (handset on hook and phone connected to a telephone line) press and hold STORE button for 8 to 10 seconds

### **Model 907**

- Set the RECALL switch at the back of the phone to the 'F' position
- With the phone in the ON-HOOK mode (handset on hook and phone connected to a telephone line) press and hold RECALL button for 8 to 10 seconds.

The display will go Off and then come on again.