

## Addendum for Auto Dial Line Identification (ADLI) Version of Ranger Model #LB255

The LB255 has all the functions covered in the LB250 manual plus ADLI and wink features. ADLI allows the user to discover the phone number of the line the LB255 is calling from, and optionally, to verify incoming caller ID by getting a callback. If enabled in the setup options, the wink feature reverses the LCD video momentarily to indicate a line reversal event or “wink”.

### **Auto Dial Line Identification (ADLI)**

ADLI is ready to use out of the box. To the normal stored number recall function have been added recall \* (**Rcl \***) and recall # (**Rcl #**) locations. These two new recall locations both dial the number stored in memory for ADLI. The default is a number provided by Test-Um Inc.<sup>1</sup> that has an ADLI responder on it in the 805 area code. Pressing the RCL key followed by the # key while in Talk mode, will cause the Ranger to enter *ADLI Caller* function. The Ranger will dial the stored number, interact with the *ADLI Responder* and the Caller will display the number it called from (i.e., my number 2135551234) or an error message if the number was not available. If **Rcl \*** is dialed in place of **Rcl #**, the Responder will also call the Caller back after the number identification. The Caller will detect the incoming caller ID and display it but not answer the call. The Responder will hang up after the second ring. To exit the Caller function, put the Ranger in Bell mode.

Any LB255 can be used as a Responder. The Responder function is enabled in the setup menu. When set as a Responder, the Ranger will enter the Responder function whenever it is put in Talk mode. This allows any two LB255's to be used to provide complete ADLI functionality. The Responder must be left in Talk mode on a line with caller ID capability. The Responder function must be turned off in the setup menu to restore normal Talk mode.

*To Change Responder Number:* For more on Setup mode, see page 30 of manual.

- 1) Enter the setup mode by moving the Talk-Bell-Monitor switch on the left side of the LB255 to Monitor (all the way down). Then press **FCN** key followed by the **Rcl** key or the **Rcl** key twice to enter setup mode.
- 2) “Memory Dial” should appear on second line of LCD. If not press **Tone** (up arrow) or **Pau** (down arrow) until “Memory Dial” is on the LCD.
- 3) Press **Flsh** (Select) to select this option. “Press 1-8 \* or #” will appear on the first line of the LCD.
- 4) Press \* or # to select the ADLI storage location. The LCD displays “Restore default” on the first line and “Manual change” on second line. The “>” will be the first character on one of the two lines, this is the currently selected option. Move the “>” to the line that indicates the desired setting by pressing **Tone** (up arrow) or **Pau** (down arrow).
- 5) Press **Flsh** (Select) to select. If the “Restore Default” was selected, the default is restored and you are returned to the main menu. Pressing **Rcl** (Menu) one more time will exit setup mode. Otherwise, continue to 6).

<sup>1</sup> Service is not guaranteed. Although it is Test-Um Inc. intention to provide this service on an ongoing basis, Test-Um Inc. reserves the right to discontinue or alter service at its' discretion.

- 6) The currently stored number is displayed. To keep this number press **Rcl** (Menu) twice to exit back to the last menu. Pressing **Rcl** (Menu) twice more will exit setup mode.
- 7) To change the number, press number, **Tone** and **Pau** keys as required to enter the responder phone number up to 24 digits followed by pressing **Flsh** (Select) twice. If a mistake is made, press **Flsh** (Select) twice and repeat starting at step 4).
- 8) Press **Rcl** (Menu) twice to exit setup.

*To Enter Responder Mode:* For more on Setup mode, see page 30 of manual.

- 1) Enter the setup mode by moving the Talk-Bell-Monitor switch on the left side of the LB255 to Monitor (all the way down). Then press **FCN** key followed by the **Rcl** key or the **Rcl** key twice to enter setup mode.
- 2) Press **Tone** (up arrow) until “ADLI Responder” appears on second line of LCD. If you pass it press **Pau** (down arrow) to go back.
- 3) Press **Flsh** (Select) to select this option.
- 4) The LCD displays “ADLI Responder on” on the first line and “ADLI Responder off” on second line. The “>” will be the first character on one of the two lines, this is the currently selected option. Move the “>” to the line that indicates the desired setting by pressing **Tone** (up arrow) or **Pau** (down arrow).
- 5) Press **Flsh** (Select) to select this setting and return to main setup menu. Press **Rcl** (Menu) to exit setup.

*To Use ADLI Caller:* Be sure ADLI Responder number is stored correctly, LB255 is **not** in Responder mode and Talk-Bell-Monitor switch is in Bell (middle position).

- 1) Connect LB255 to analog phone line to test.
- 2) Put LB255 in Talk mode and listen for dial tone.
- 3) When dial tone is present, press RCL # to identify your line number or RCL\* for line identification with call back.
- 4) “my number...” or an error message should appear on the LCD in 10 to 15 seconds. If RCL\* was selected and no errors detected, the sequence should proceed to the Caller LB255 ringing and the caller ID displayed if service is available. The caller ID information should be that for the line the Responder is attached to.

**Hints:** If a special prefix is needed to get an outside line, that may be dialed manually before RCL\* or #. You can listen to the call progress by turning on the speaker prior to starting the ADLI call, if desired. Pressing the mute button while an ADLI is in progress will cause the LB255 to exit ADLI Caller and return to normal phone mode. This can be useful should a person answer an ADLI call.

*To Setup a Responder:* The line being used by the responder must have caller ID service.

- 1) Place the LB255 in Responder mode as described above.
- 2) Connect LB255 to line to be used.
- 3) Set Talk-Bell-Monitor switch to Talk (upper most position). “ADLI Responder” should appear on first line of the LCD and the ADLI status on the second line. The LB255 will go to sleep after about a minute and will wake up when the line rings.

**Hints:** If the ADLI Responder is to share a line used for other calls, the LB255 can be set to delay for four rings instead of two rings by changing the “Responder Delay” option in the setup menu. This option is only available when the responder mode is enabled.

### **Wink (line-reversal signaling)**

Some phone lines use a short reversal of line voltage polarity, or “wink”, as a signaling mechanism. The LB255 supports wink signaling with an optional feature that is turned off as a default and must be enabled in the setup mode to use. When enabled, the display will flash reverse video for 0.75sec when a wink is detected. None of the information on the screen will be changed, but the overall effect is for the background to turn dark for the duration of the reverse video. The line polarity reversal must be a minimum of 100 milliseconds long with a line voltage less than 10 volts (off-hook levels) in order to qualify as a wink. The function works in both Talk mode and Monitor mode (while monitoring another phone which is off-hook.)

*To Enable or Disable Wink:* For more on Setup mode, see page 30 of manual.

- 1) Enter the setup mode by moving the Talk-Bell-Monitor switch on the left side of the LB255 to Monitor (all the way down). Then press the **FCN** key followed by the **Rcl** key or the **Rcl** key twice to enter setup mode.
- 2) Press **Tone** (up arrow) until “Wink Detector” appears on second line of LCD. If you pass it, press **Pau** (down arrow) to go back.
- 3) Press **Flsh** (Select) to select this option.
- 4) The LCD displays “Wink Detector on” on the first line and “Wink Detector off” on second line. The “>” will be the first character on one of the two lines, this is the currently selected option. Move the “>” to the line that indicates the desired setting by pressing **Tone** (up arrow) or **Pau** (down arrow).
- 5) Press **Flsh** (Select) to select this setting and return to main setup menu. Press **Rcl** (Menu) to exit setup.



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