### Description

The Alphanumeric Display messages help the display telephone user process calls, identify callers and customize features.

- Ambient light sensitive backlit display for 34-Button Super Display Telephones is available in software versions 2.01 and higher.

The 22- and 34-Button Display Telephones have a three-line, 24-character per line alphanumeric display. The first line displays the date and time (while idle) and feature status messages. The second line is used extensively by IntraMail. The third line displays the Soft Key definitions.

The 34-Button Super Display Telephone has a nine-line, 24-character per line alphanumeric display. The first line displays the date and time (while idle) and feature status messages, just like the 22- and 34-Button Display Telephones. The second line is used extensively by IntraMail. Lines 4-9 are the comprehensive Super Display Telephone soft key definitions.

- To learn more about the display telephones:
  - see 22-Button Display Telephone on page 9
  - see 34-Button Display Telephone on page 10
  - see 34-Button Super Display Telephone on page 11
- To learn more about the Soft Keys, see Interactive Soft Keys on page 232.

### Display Contrast Control

While a keyset is idle, pressing **Volume Up** or **Volume Down** adjusts the contrast of the display. There are eight user-selectable contrast control values. The value a user sets is "remembered" by the system and automatically restored in the event of a power down or system reset.

### Display Brightness and Contrast Control Presets

The brightness and contrast control presets let the keyset user preset the default active brightness, idle brightness, and contrast for their keyset display. The brightness presets are not available to a 22-button keyset since it doesn’t offer a backlit display.

### Automatic Backlit Display with Ambient Light Sensitivity Adjustment

The 34-Button Super Display Telephones provide an Automatic Backlit Display with Light Sensitivity Adjustment. The backlit display can operate in one of two modes: Normal and Automatic with Ambient Light Sensitivity Adjustment.

- **Normal Backlit Display Operation**
  
  When the telephone is idle, the backlit display adjusts to the inactive (minimum) backlit level. If the user lifts the handset, the display automatically switches to the active (maximum) backlit level. When the user hangs up, the display reverts to the inactive setting after a preset time. The backlit levels are adjustable from system programming and also by the user right from their telephone.

- **Automatic Backlit Display with Light Sensitivity Adjustment**
  
  When this mode is enabled, the telephone’s display backlighting automatically adjusts to the room brightness. In a brightly lit room, the display will stay at its maximum backlit level. This level also applies if the user is busy on the phone. If the room light dims or goes out, the telephone’s display will automatically change to the minimum backlit level. Additionally, each telephone’s ambient light sensitivity can be set to match the lighting of the room in which it is installed.

  **Conditions**
  - None

  **Default Setting**
  - Enabled for all display telephones.
Normal Backlit Display Setup

1. Set up the telephone display backlight and key pad illumination controls.

   1. These options do not apply to 22-button keysets since they have neither backlit displays nor illuminated key pads.
   2. **2104-01: Maximum Brightness** (page 820)
      
      [Station: Config: Setup: Display (2104): Max Brightness]
      
      Set the telephone’s backlight brightness while it is active [8].
      - 0 for backlight off
      - 1-8 for relative brightness settings 1-8
   3. **2104-02: Minimum Brightness** (page 820)
      
      [Station: Config: Setup: Display (2104): Min Brightness]
      
      Set the telephone’s backlight brightness while it is idle [2].
      - 0 for backlight off
      - 1-8 for relative brightness settings 1-8
   4. **2104-03: Dial Pad Illumination** (page 821)
      
      [Station: Config: Setup: Display (2104): Dial Pad Illumination]
      
      Enable (1) or disable (0) the key pad illumination [1].
      - If enabled, the key pad will illuminate when the backlit display is active.
   5. **1605-05: Backlight Idle Timer** (page 781)
      
      [System: Timers: Features: Control (1605): Backlight Idle]
      
      Set how long (1-99 seconds) an extension must be idle before it reverts to its idle backlight brightness setting [6].

Automatic Backlit Display Setup

2. Should the 34-button keyset have Automatic Backlit Display operation?

   1. These options do not apply to 22-button keysets since they have neither backlit displays nor illuminated key pads.
   2. If yes:
      - **2104-04: Auto Backlight** (page 821)
        
        [Station: Config: Setup: Display (2104): Auto Backlight]
        
        Enter 1 (Yes) [0].
      - **2104-04: Backlight Sensitivity** (page 822)
        
        [Station: Config: Setup: Display (2104): Backlight Sensitivity]
        
        For 34-Button Super Display Telephones only, set the backlight sensitivity to match the lighting conditions for the room in which the telephone is installed [4].
        - Use lower settings (towards 1) for bright rooms
        - Use higher settings (towards 8) for dimly lit rooms
   3. If no:
      - **2104-04: Auto Backlight** (page 821)
        
        [Station: Config: Setup: Display (2104): Auto Backlight]
        
        Enter 0 (No) [0].
Other Related Features

Features

**INTERACTIVE SOFT KEYS (PAGE 232)**

The interactive Soft keys provide users with intuitive access to the telephone’s features.

**VOLUME CONTROLS (PAGE 438)**

While a feature is active, pressing a VOLUME key adjusts the volume of the active feature. While the telephone is idle, pressing a VOLUME key adjusts the display contrast.

IntraMail Features

None
## Adjusting your Telephone’s Display Settings

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<td><strong>To set up the your telephone’s display:</strong></td>
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</table>
| 1. | **[Menu + Display]**  
**[Menu + More]** (3 times) + **Dsply** | Select the Display Settings Menu. |
| 2. | Do one of the following. |   |
| a. | **[Contrast]**  
**[Cont]** | Select the display contrast option.  
• When you see **Contrast ------**, press **Volume Up** and **Volume Down** to set the contrast preset (1-8). |
| b. | **[Brightness]**  
**[Bright]** | Select the Display Brightness Menu.  
• This option is not available on a 22-Button Display Telephone.  
  - **[Max Brightness]**  
**[Max]** Select the maximum brightness option.  
• When you see **Max ------**, press **Volume Up** and **Volume Down** to set the maximum brightness level (0-8).  
  - **[Min Brightness]**  
**[Min]** Select the minimum brightness option.  
• When you see **Min ------**, press **Volume Up** and **Volume Down** to set the minimum brightness (0-8).  
  - **[Auto Backlight]**  
**[Auto]** Select the Automatic Backlight Menu.  
• **[On]** Select to turn Automatic Backlight on.  
• **[Off]** Select to turn Automatic Backlight off.  
  - **[Sensitivity]**  
**[Sens]** For 34-Button Super Display Telephones only, select to adjust your telephone’s ambient light sensitivity.  
• When you see **Sens Level ------**, press **Volume Up** and **Volume Down** to adjust the ambient light sensitivity.  
• Use lower settings (towards 1) for bright rooms.  
• Use higher settings (towards 8) for dimly lit rooms.  
• **[Exit]** Select to exit the Automatic Backlight menu. |
| c. | **[Dial Pad]**  
**[DlPad]** | Select the Dial Pad Menu.  
• This option is not available on a 22-Button Display Telephone.  
• **[On]** Select to turn dial pad illumination on.  
• **[Off]** Select to turn dial pad illumination off.  
• **[Exit]** Select to exit to the Dial Pad Menu. |
| d. | **[Exit]**  
**[Exit]** | Select to exit the Display Settings Menu. |