DIY DEVICES

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DIY Cellphone

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Using the Phone







The unlocking screen (backlight will be off)

The dialing screen

USING THE PHONE

Unlocking the Phone

Once the phone successfully starts up, it will be locked and the screen will be blank. To unlock the phone, press any button; the date and time will appear on the screen for a few seconds (this is the "unlocking" screen). On the LED matrix variant, the date and time will scroll back and forth across the screen. If, during this time, you press the "unlock" key (the top-left button), the phone will unlock and, if using the LCD variant, the screen's backlight will turn on. On the LCD variant, the date and time will remain on-screen, and the soft-keys labels will read "lock" and "menu". On the LED matrix variant, the time will remain on the display, without scrolling. This is the home screen.

Locking the Phone

From the home screen, you can lock the phone by pressing the left soft-key button (the upper-left button). The screen and backlight will turn off but the phone will still be on and able to receive phone calls or text messages.

Adjusting the Contrast/Brightness

When the phone is in the "unlocking" screen, you can adjust the contrast (for the LCD variant) or brightness (for the LED matrix variant) by using the up and down buttons (the two central buttons of the group of four buttons just below the screen).

Dialing a Phone Number

You can dial a number from the home screen. Simply press the button corresponding to the first digit of the number. You'll be taken to the dialing screen where you can enter the rest of the number. Press * to delete the last digit entered or "back" (the left soft-key) to go back to the home screen. By pressing # one or more times in succession, you can enter #, *, or +. To call the number, press the right soft-key ("call").

Using the Phone Book (Contact List)

From the home screen, press the down arrow (the lower of the group of four buttons just below the display) to enter the phone book. Use the down and up arrows to navigate to the desired entry. Press the right soft-key ("okay") to enter a menu from which you can call that contact, send a text message to that contact, add a new entry to the address book, or edit or delete the contact.

Adding a Contact

To add a contact, first enter the contact list by pressing the down arrow from the home screen. Then press the right button to enter the contact menu ("call", "text", "add entry", etc); scroll (using the down and up buttons) down to the "add entry" menu item and press the right button. Now you can enter the name of the contact using the keypad (2 is "abc", 3 is "def", etc.; 1 is space, * is backspace, and # is shift). Once you've entered the contact's name, press the down arrow to move to the field for entering the contact's phone number. (You can press the up arrow to return to the field for entering the contact's name.) Enter the contact's number using the keypad (* is again backspace, but # now cycles between #, *, and +). When you've entered both the name and phone number, press the right button to save the contact (or the left button to cancel).

Calling a Contact

To call a contact in your contact list, scroll to that contact, press the right button to bring up the contact menu ("call", "text, etc.) and then press the right button again to call.

Texting a Contact

To text a contact, scroll to their entry in your contact list and press the right button to bring up the contact menu. Scroll down to "text" and press the right button. Now you can enter your message using the keypad. (As for entering a contact's name, 2 is "abc", 3 is "def", etc.; 1 is space, * is backspace, and # is shift.) Press the right button to send the text (or the left button to cancel).

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One Response to "Using the Phone"	

1. Frank Harris says: June 10, 2015 at 7:31 pm

Are there any FCC fees or charges for airtime one will eventually run into as a result of bringing this DIY project into existence for personal and or business use?

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