

Operating Guide for the Arduino SMS Encryption Module

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Pre-usage Checklist for the Encryption Module

- Ensure the Arduino software and drivers are installed on the computer;
- Plug the device into a USB port on the computer;
- Ensure an activated SIM card is present in the device, and that there is valid SMS credit registered to the SIM card.
- Turn the device on. The GSM module will turn on automatically.

Using the Encryption Module

After starting the command line software the software will present the user with the following menu:

ASM Menu

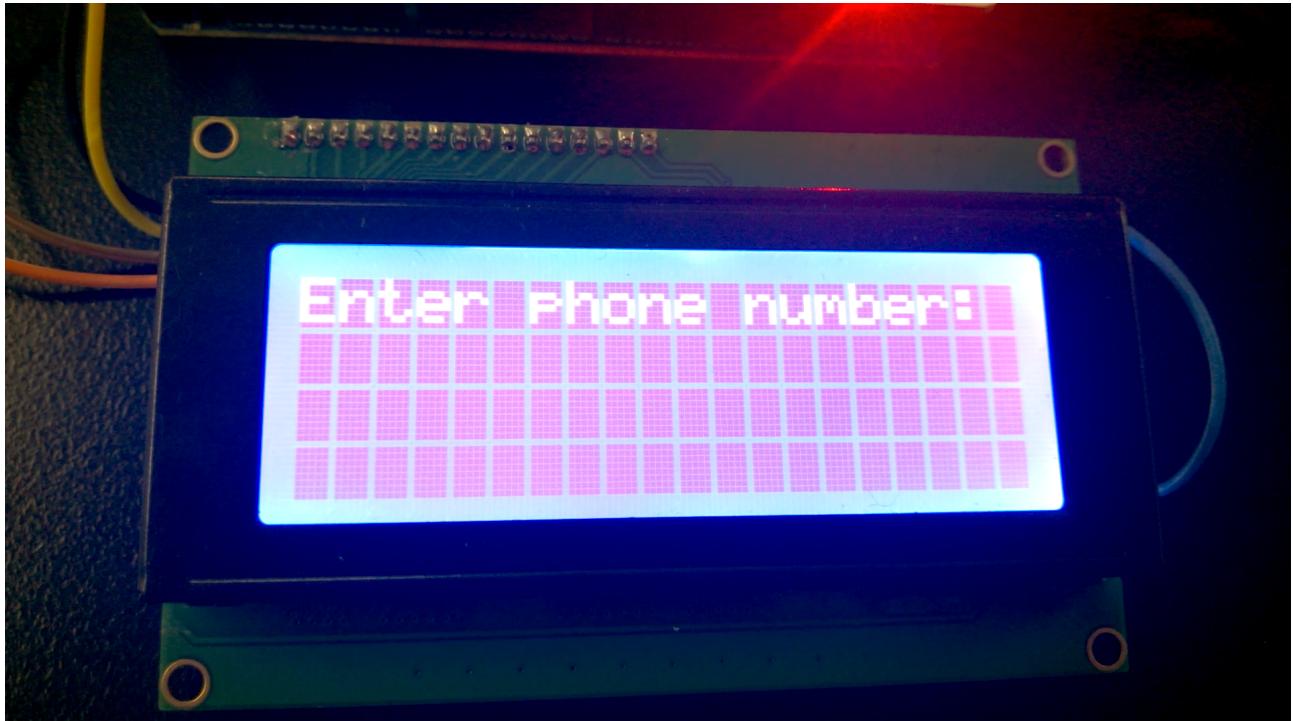
Enter the number of your option.

1. Send Message

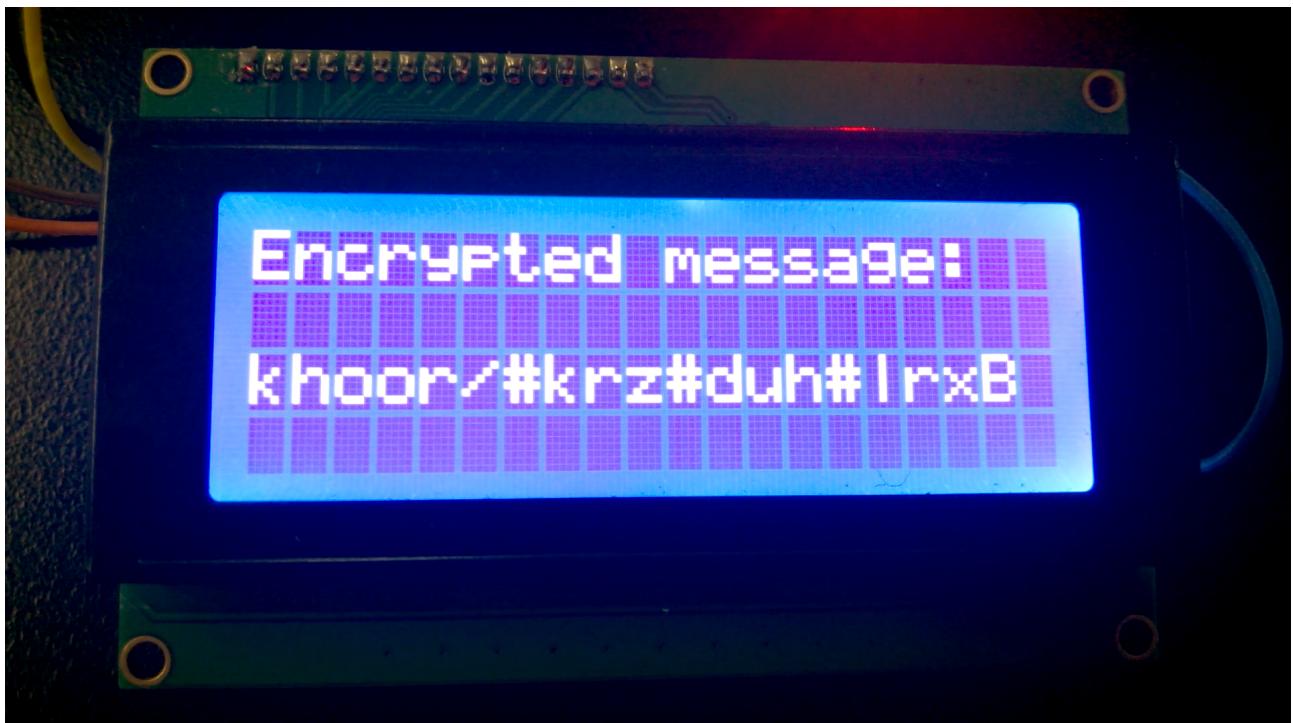
2. Receive Message

Sending Message

Press 1 on the command line menu to enter message sending mode. The LCD screen will then prompt for the receiving phone number:



Enter the recipient's phone number in the command prompt on the computer and press enter, the LCD screen on the unit will confirm the number you entered. The device will then prompt for the message to be sent. Due to limits in GSM messaging the message will be truncated to 160 characters. Once the message is entered and confirmed it will be encrypted and sent to the target number.



Receiving Message

Press 2 on the command line to enter receiving mode. You can then send a message to the number registered to the unit's SIM card were it will automatically be decrypted and displayed on the LCD screen.

