GETTING STARTED

Installing SIM Card

Before installing your SIM card, always make sure Firefly is turned-off.

1. Gently apply pressure to separate Firefly's armor jacket. Only remove top plate.
2. Insert the SIM card under the metal arm of the SIM card bay, ensuring the cut corner is lower left and the gold contacts of the card face into the phone.
3. If necessary, set the Key Pad back into place in the top plate. Gently clip plates together.

Refueling Firefly

Firefly is powered by an internal, rechargeable Li-ion battery. A charger is provided with your phone. Use only approved chargers to refuel your Firefly.

1. Insert the lead of the provided charger into Firefly's Charger Port.
2. Connect the charger into a standard AC wall outlet.
   - To signal Firefly is properly refueling, the Tail Lights emit light pulses at regular intervals.

Igniting Firefly

To ignite your Firefly, hold down (*) for one second and your Firefly comes to life. To shut-down your Firefly, hold (*) for the same time interval.

CALL FUNCTIONS

Making a Call

Firefly can call emergency 911 and any of the three numbers you choose to program into its Calling Keys.

1. Press (*), (*), or (*) and the person's name that corresponds to the Calling Key you just pressed will appear in the display (the LCD will glow the color you assigned to this key).
2. To dial the person you selected, press the **Call** soft key.
3. To indicate a call has been placed, the name assigned to the dialed Calling Key will scroll across the display.

Ending a Call

When you are finished with your call, briefly press the **End** soft key.

Answering or Rejecting a Call

You can only receive calls from parent-authorized callers whose numbers are programmed into your Calling Keys or those that have been entered into your White List.

*   Exception: A parent (using PIN) can **switch off** the white list. This permits Firefly to receive calls from any number.

When an authorized caller dials your phone, the caller's name will scroll across the display. If the caller is not authorized, the call is automatically blocked.

1. Press the **Accept** soft key to answer a call.
    *   When you answer the call, the caller's name appears above a timer that lets you for how long you have been talking.

2. Press the **Reject** soft key to reject a call.

Answering a Second Call

You can answer an incoming call while you have a call in progress.

To answer a call while you have a call in progress, proceed as follows.

1. Press the **Accept** soft key to answer the incoming call. The first call is automatically put on hold.
    - Both callers' numbers will appear at the top of the display. A (1.) followed by the phone number of that caller appears at the top of the screen. The phone number of the second caller is listed underneath (2.- Phone Number).

2. To switch between the two calls, press the **Swap** soft key.
3. To end the current call, press the **End** soft key. You are automatically switched back to any held calls.

FIREFLY PHONE BASICS

Idle Mode

After igniting your Firefly, the phone naturally phases into Idle Mode. In Idle Mode the name of the wireless carrier appears in the middle line of the display. The date and time are located on the bottom line. The battery icon and the service reception bars appear on the top line of the display. Every 65 seconds Firefly Mobile's logo rotates across the display field. When this happens the Tail Lights pulse.

911 Trigger

This is one of the fundamental safety features of Firefly.
1. Hold-in the 911 Trigger for 3 seconds.
    - The LCD glows bright red and "911!" appears in the display. This is a safety mechanism implemented to ensure that the Emergency 911 Trigger was not accidentally depressed.

2. To connect immediately to emergency 911, press the **Call** soft key. If you do not want to call emergency 911, press the **Exit** soft key.
    - After pressing the Call soft key, Firefly immediately calls emergency 911. When this emergency call is placed, "911 Emergency!" will repeatedly scroll across the screen and the LCD continues to glow red.

- After having engaged the 911 Trigger, if the **Call** soft key is not depressed within 5 seconds, the display automatically reverts to Idle Mode and the call to Emergency 911 will not be dialed.

The Lights

- Firefly's LCD changes seven different colors. When the phone is turned-on or you press any key, the Key Pad backlight, the LCD screen, and Firefly's Tail Lights begin their glow cycles.
- When you press one of the Calling Keys all of Firefly's lights glow, but the LCD will glow the specific color you assigned to that Calling Key.
- If left alone, all of Firefly's lights stay ignited for a period of 15 seconds before shutting off.
- When charging Firefly, the Tail Lights pulse.
- Pressing the Light Show Ignite key engages a 30 second light show.
- Pressing the 911 Trigger causes the LCD to turn bright red.

Scrolling Through the Control Menus

Whether you are accessing the password-required Parent-Only Access control menus or you only want to view the All-Access control menus, you can scroll through these control menus by using the **Back** and **Next** soft keys.
- Pressing the **Next** soft key skips/advances you to the next control menu.
- Pressing the **Back** soft key allows you to return to previous control menus.
- After entering a control menu, press the **Back** soft key (any changes you might have made will not be saved)
- After you have scrolled through the control menus, an "Exit?" prompt appears in the display. Press the **Exit** soft key to completely exit the control menus. The phone will automatically return to Idle Mode.

Firefly Light Show

Pressing the round Light Show Ignite key engages your Firefly's light show. For thirty seconds the LCD screen sequentially flashes its seven different colors. The Key Pad and Tail Lights also flash.

Adjusting Key Pad Volume

1. Using the (^) or (\/) volume keys raises or lowers the Key Pad volume accordingly.
2. When adjusting the volume, a volume-indicator bar displays your Firefly's volume level. Use the **Save** soft key to save your selection.
3. Pressing the **Cancel** soft key will return your phone to its previous volume level. After 15 seconds Firefly will automatically default to its previous Key Pad volume settings if the **Cancel** or **Save** soft keys are not pressed.

Adjusting Earpiece Volume

1. During a call, if you wish to adjust the earpiece volume, use the (^) or (\/) keys, located on the phone's right side.
2. In order to preserve volume adjustments, please follow steps 2 and 3 from the above section, "**Adjusting Key Pad Volume**."

Trouble Shooting - Manually Override

In the event that your phone's display freezes, remove Firefly's top armor plate. Using a paper clip, gently touch the circular, copper node located on the right side of the circuit board. The phone will immediately turn-off. To turn back-on, ignite Firefly as normal.

FIREFLY'S PASSWORD SYSTEM

We have created a software system in our phone that allows parents quick and easy access to Firefly's control menus. It is important that the Calling Keys, the incoming Call List, and other control features are flexible and can be rapidly and easily changed by an adult. Firefly's system enables parents full-access to Firefly's Control menus while denying children access to these Parent-Only Access menus. However, the system allows children to customize their Firefly through the All-Access menu section.

How Firefly's Password System Works

After Firefly is turned-on, it remains in idle mode.
1. To access the control menus, press (*) and hold it down for 3 seconds.
2. Next, you are prompted to "**Enter a PIN**" or forgo these Parent-Only control menus by choosing the **Skip** soft key.

Skip to All-Access Control Menus

If you press the **Skip** soft key, you are immediately advanced to the All-Access control menus (which begins with the "Set Ring" control menu). After the user has pressed the **Skip** key All-Access is granted to the remaining control menus and one can go on to set ring tones for each calling key, set Firefly's corresponding Calling Key and screen LCD colors, the phone's clock, and the ring volume.

The Control Menu Cycle: Access Denied, Access Granted

A four-digit Parent-Only Access PIN must be properly punched into the phone in order to access the control menus which program Firefly's *calling keys*, *permitted incoming-call lists*, and to change Firefly's access *PIN*. Children are only denied access to the Parent-Only Access sections of the control menus—all the other control features are at your children's disposal. Thus, when an incorrect PIN is entered, "Wrong PIN" immediately appears in the display screen.   The user is immediately cycled back to the "Enter PIN" control menu.

Entering Password

Depressing (*) for three seconds allows you to access Firefly's control menus. The first screen of the control menu choices is the "Enter PIN?" prompt. The PIN code is four characters. You can choose from numbers 0-9 and symbols #, *, - for each character of your password.

1. To enter the PIN press the **Enter** soft key
2. Use the **Directional** soft keys to move cursor through the number and symbol choices.

3. Press the **Ok** soft key to select each character.
   - As you select your password characters, the (*) symbol will appear on the top line of the display for each character selected.

4. After selecting the fourth character, you are automatically advanced to another display screen. To accept the PIN you selected, press the **Done** soft key.
   - If you would like to edit the PIN you selected, press the **Del** soft key. After you press the **Del** soft key, you automatically return to the previous display, enabling you to "enter" another fourth character or further edit your PIN.

5. If the correct PIN is entered, "Saved" briefly appears in the display and you are immediately forwarded to the "Change PIN" control menu.
   - If the wrong password is entered, "Wrong PIN" appears in the display and Firefly automatically returns you to the "Enter PIN" prompt.

Change PIN

This control menu allows parents to change their Parent-Only Access password. Authorized Firefly regulators are automatically forwarded to the "Change PIN" control menu after entering the correct PIN code.
- To advance to other control menus press **NO** soft key

1. To enter the "Change PIN" control menu press the **Yes** soft key.
2. Scroll the cursor through the list of numbers and symbols. Use the **OK** soft key to select the new 4-character PIN code.
3. After selecting the fourth character, you are automatically advanced to another display screen. To accept the new PIN you selected, press the **Done** soft key.
4. Pressing the **Done** soft key locks your Firefly's new PIN code. "Saved" will briefly appear in the display and the changes are saved.

FIREFLY CONTROL MENUS

SECTION 1: PARENT-ONLY ACCESS

Setting the Keys

This control menu feature allows parents to program Firefly's three Calling Keys with three sets of names and corresponding phone numbers. Firefly has pre-programmed "Home", "Mom" and "Dad" to correspond with the three key icons.

1. To "Set" Firefly's three Calling Keys, press the **Yes** soft key
2. To scroll through the Calling Keys, press the **Key** soft key.
    *   The Icon [(*), (*), or (*)] which appears in the left corner of the top line of the display, corresponds to the Calling Key which has been rotated into the display by pressing the **Key** soft key.

3. To edit the contents of a Calling Key, scroll through the corresponding names until the desired name (and Icon) appears in the display. Press the **Ok** soft key to edit the Calling Key.
4. Having advanced, you are prompted to "Load From List."

<div align="center">(Loading From List)</div>

*   "Loading From List" allows you to substitute the name/number corresponding to the selected Calling Key with any given name/number which you have programmed into your "White List."
*   To execute such a substitution, press the **Load** soft key and scroll through your "White List" until finding desired substitute.
*   The number assigned to the name above appears in the display, pressing the **OK** soft key executes the substitution.

5. To replace the name/number programmed into the selected Calling Key, press the **Edit** soft key.
6. The previously programmed phone number of the Calling Key will appear in the display, press the **Edit** soft key to reprogram the selected Calling Key.
    *   In order to save the Calling Key's pre-programmed number, press the **OK** soft key.

7. Use the **Directional** soft keys to select "**Del**" on the following screen. This enables you to delete one or all the digits and re-enter a different phone number. When changes are completed, enter "Done."
8. You are advanced to a display which enables you to either approve of the changes by pressing the **OK** soft key, or you can press the **Edit** soft key to further edit the Calling Key's number.
   - After approving the phone number changes, you are automatically prompted to "Set Name"—this enables you to program a different name which corresponds to the selected Calling Key.

9. The name corresponding to the selected Calling Key appears in the display
10. To "Set" a new name, press the **Edit** soft key.
    - To save the preprogrammed name, press the **Ok** soft key. After saving, you are automatically cycled back to the "Set Keys" control menu.

10. To edit and save a revised name, follow steps 7 and 8 from above.

Firefly's Incoming-Call System

As long as your Firefly's White List is "switched-on," only those phone numbers which have been authorized and programmed by parents into the Calling Keys or the White List can call your Firefly. If someone attempts to call your Firefly, and their number is not programmed into the Calling Keys or the White List as a Firefly authorized-caller, the call will be automatically blocked. Firefly permits children to "View" the phone's White List (can be viewed in the All-Access control menus) through the "Set White List" control menu, however, editing the While List is a function open only to parents.

Set White List

The "White List" is another Parent-Only Access control function. After entering a PIN, parents have editing-access to this control menu.
You can store phone numbers and their corresponding names in the memory of your SIM card. The SIM card and phone memories, although physically separate, are used as if they were a single entity—the White List.

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1. To edit, add, delete or view names and corresponding names in the "White List," press the **Yes** soft key when you arrive at the Set White List prompt.

2. To scroll between options for viewing, adding, editing, or deleting phone numbers, press the **Option** soft key.
3. To enter one of these categories, press the **Ok** soft key.
4. To view your existing White List, press the **Ok** soft key when "View" appears in the display.
   a) Use the **Directional** soft key to view all the phone numbers/names stored on your SIM card.
   b) Press the **Back** soft key to return to the "Set Call List" control menu.

5. To add a new name and its corresponding number, press the **Ok** soft key when "Add" appears in the display.
   a) Press the **Edit** soft key to add a new name.
   b) Using the **Directional** and **OK** soft keys choose a new name.
   c) When you are finished typing the name choose "Done." The following display makes you approve of the name you selected. Press the **OK** soft key to approve of the name selected. If you have changes to make for the selected name, press the **Edit** soft key.
   d) Press the **Edit** soft key to program the corresponding phone number. Enter the number in the same manner in which you entered the corresponding name.

6. To edit a name and its corresponding number, press the **Ok** soft key when "Edit" appears in the display.
   a) Use the **Directional** soft key to scroll through your existing Call List.
   b) To edit a name and/or its corresponding number press the **Edit** soft key.
   c) Follow steps **b**, **c**, and **d** from directions for "Add a new name/phone number to the White List" section (above) to edit names and phone numbers.

7. To delete a name and its corresponding number, press the **Ok** soft key when "Delete" appears in the display.
   a) Use the **Directional** soft key to scroll through your existing Call List.
   b) To delete the phone number and name that appear in display, press the **Del** soft key.
   c) The system will ask if you are sure you want to delete this selection, answer using the **Yes** or **No** soft keys.
      - If you press the **Yes** soft key, the selected name and phone number are immediately removed. If you press the **No** soft key, the user returns to the previous menu screen.

White List Switch

This control menu function is found in the "Set Options" control menu. This feature allows you to activate your White List—with this setting activated, your Firefly will permit only the authorized callers who have been programmed into your White List (unauthorized callers are automatically blocked). You can deactivate this feature, which would allow anyone to call your Firefly. To deactivate your White List you would want to switch this menu setting to "White List Off."

1. After entering this control menu function, by pressing the **Yes** soft key when "White List Switch?" appears in the display, either "White List ON" or "White List OFF" will appear in the display. Whichever menu setting appears in the display indicates that your White List is activated (ON) or deactivated (OFF).
2. To change the current White List mode, press the **Switch** soft key.
3. Use the **Switch** soft key to toggle between "ON" or "OFF." Press the **OK** soft key to set your White List mode to "ON" (activated) or "OFF" (deactivated). The mode selected is automatically saved.

View Own Number

Your Firefly's phone number is a Parent-Only Access function and can only be viewed using your password. While the "View Own Number" control function appears in the All-Access control menus (in the "Set Options" menu section), your phone number does not appear in the display. Rather,

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when a user accesses this section without a password, the display will appear
blank.

1. Scroll within the "Set Options" control menus to find the "View
   Own Number" control menu.
2. To view "Own Number," press the **Yes** soft key.
3. If your Firefly's phone number is programmed onto its SIM card, it
   will appear in the display screen. To exit, press the **Ok** soft key.

SECTION 2: ALL-ACCESS CONTROL MENUS

Set Ring

Firefly allows you to customize your Firefly by permitting you to choose a
particular ring from eleven different ring tones for each of your phone's
Calling Keys. When you receive a call from a caller who has been
programmed into one of your Calling Keys, your Firefly will sound the ring
you designated for that Calling Key.
Scroll through the control menus to find the "Set Ring" control menu. You
do not need a password to access this control menu.

1. To set the ring tones for your Calling Keys, press the **Yes** soft key.
2. Use the **Key** soft key to scroll through your three Calling Keys and
   select the Calling Key ring tone you want to change.
3. Press the **Ok** soft key when you have chosen which Calling Key's
   ring tone you want to change.
4. On the next display will be the title of the corresponding ring tone
   of the Calling Key you have selected. The ring tone will sound
   when its title appears in the display.
5. Scroll through Firefly's selection of ring tones by pressing the **Ring**
   soft key. When each different ring tone enters the display, your
   Firefly will sound that particular ring tone.
   - The Tail Lights and the Key Pad Lights will pulse in accordance
     with the beat of the particular ring tone which appears in the
     display.
6. To select and save the ring tone which appears in the display, press
   the **Ok** soft key.

- After pressing the **Ok** soft key the Calling Key's ring tone will correspond to the ring tone selection you just made. The user is automatically cycled back to the "Set Ring" control menu.

Set LCD

Choose from seven different LCD colors (Wave, Chill, Bolt, Ice, Blaze, Grape, and Turf). In the "Set LCD" control menu, you are able to designate different colors to each of the Calling Keys. When you press a Calling Key or place a call on your Firefly, the LCD screen color will glow the color which you assigned to that Calling Key. This is an All-Access control menu and it is not necessary to input a password to access it. Scroll through the control menus to find the "Set LCD" control menu.

1. To set a corresponding LCD color to a Calling Key, press the **Yes** soft key.
2. Use the **Key** soft key to scroll through your three Calling Keys and select the Calling Key whose corresponding LCD color you want to change.
3. Press the **Ok** soft key when you have chosen which Calling Key's corresponding LCD color you want to change.
4. On the next display will be the name of the corresponding LCD color of the Calling Key you have selected. The LCD screen will temporarily glow the color assigned to that Calling Key.
5. Scroll through Firefly's selection of LCD colors by pressing the **Color** soft key. When the name of each different color enters the display, the LCD screen will glow that particular color.
6. To select and save the color in the display, press the **Ok** soft key.
   - After pressing the **Ok** soft key, the LCD screen will glow the color of the selection you just made when you make a call with that particular Calling Key. The user is automatically cycled back to the "Set LCD" control menu.

Set Clock

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This option allows you to change the time displayed using the 24 hour system. This is an All-Access control menu. Scroll through "Set Options" control menus to find the "Set Clock" control menu.

1. To adjust Firefly's clock settings, press the **Yes** soft key.
2. To edit the "Date" press the **Edit** soft key.
   - There are two sections within the "Set Clock" control menu: "Date" and "Time." If the "Date" is fine and you want to go on to the "Time" section, press the **Ok** soft key to advance.
3. Once you enter the editing field of the "Date" display section you will notice that the year/month/day are in the top line of the display. A small black line appears under the year-portion of the date and will automatically move its way through to the month and the day portions as you make your selections.
4. Use the **Directional** soft keys to scroll through and highlight the numbers that correspond to the year, the month, and the day. Firefly automatically advances you to the next portion of the date after entering each selection. After inputting the "day," Firefly automatically moves the block cursor to "Done"
5. When you are finished editing the "Date" section (year/month/day) of the "Set Clock" control menu, press the **Ok** soft key. This will directly advance you to the "Time" editing field.
6. Edit the time in the same manner in which you edited the "Date" section. Follow the above step (5) for editing the "Date."

Set Ring Volume

You can adjust the ring volume in the "Set Ring Volume" control menu. This is an All-Access control menu. Scroll through the "Set Options" control menus to find the "Set Ring Volume" control menu.

1. To adjust the ring volume, press the **Yes** soft key.
2. Use the **Directional** soft keys to raise or lower the volume. When you are satisfied with the level of your Firefly's ring volume, press the **Save** soft key to save changes. Pressing the **Cancel** soft key will negate any adjustments you made to the volume-indicator bar.

Headset Switch

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This feature allows you to switch the function of the "Headset Port." This port located on Firefly's tail-end, next to the "Charger Port." The port, depending on the control menu setting, can either function as Firefly's "Headset Port" or a "Data Port." One can insert a Firefly Data Cable into this port and download data (for programming) into Firefly. This is an All-Access control menu. Scroll through the "Set Options" control menus to find the "Headset Switch" control menu.

1. Press the **Yes** soft key to enter this control menu.
2. To scroll between "Head Mode" and "Data Mode," press the **Switch** soft key.
3. To change the mode of the Headset Port to the mode that appears in the display, press the **OK** soft key. After pressing the **OK** soft key, the change is automatically saved.

FCC Notice and SAR Statement

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any changes or modifications not expressly approved by Firefly Mobile Inc. will void the user's authority to operate the equipment. Use only Firefly approved chargers.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
--Reorient or relocate the receiving antenna.
--Increase the separation between the equipment and receiver.
--Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
--Consult the dealer or an experienced radio/TV technician for help.

THIS PHONE MODEL HAS BEEN CERTIFIED TO BE IN COMPLIANCE WITH THE GOVERNMENT'S REQUIREMENTS FOR EXPOSURE TO RADIO WAVES.

Before a phone model is available to sale to the public, it must be tested and certified that it does not exceed government limits for exposure to radio frequency (RF) energy. Specific Absorption Rate (SAR) is a value that corresponds to the relative amount of RF energy absorbed by the user of a wireless phone. The Federal Communications Commission of the United States government sets SAR limits. The limits include a safety margin designed to assure the safety of all persons, regardless of age and health. The maximum allowed SAR value set by the FCC is 1.6 W/kg. Tests for SAR

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values are conducted using FCC approved operating positions at the highest possible power levels. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating is likely well below the maximum value.

The highest SAR values as reported to the FCC for this model phone are in full compliance with FCC limits. This SAR compliance is limited to the specific accessories shipped with this phone. For body worn operation this device was tested with 0cm separation to the body. Third party belt-clips, holsters, and similar accessories containing metallic components should not be used.

For more information about RF exposure, visit the FCC website at www.fcc.gov.