

```

*****
THE MOTOROLA BIBLE (c)
For all Cellular AND Pager Info
MOTOROLA USERS AND PROGRAMMING GUIDES
By Mike Larsen
Ver. 3.0 *****
* 1/14/97 *
*****

```

of Contents:

Section 1	Introduction	8	Phone Pin Outs
2	General User Info	9	Cable Specs
3	Programming Info	10	Channel Number vs. Frequency
4	Test Mode	11	Trik Clip
5	GSM Info and Test Mode	12	Pager Info
6	Hacking the FOVC	13	Disclaimer
7	Reading the SID		

\*R\*O\*D\*U\*C\*T\*I\*O\*N\*\*\*\*\*S\*E\*C\*T\*I\*O\*N\*\*\*1

AL DISCLAIMER:

I, Mike Larsen, am in no way affiliated with Motorola or the Motorola lar Subscriber Group or any other subsidiaries. I offer this guide free to ublic not to encourage fraudulent use, but to give others the same mation I obtained for free (and sometimes for money). Use of any mation from this text (in part or whole) is encouraged provided proper t is given to the author (Mike Larsen) and the work (The Motorola Bible). of this work (in whole or in part) is not discouraged provided proper t is given, names are left intact, and Email notice is given. After all, meone is stupid enough to give money for something that is available on eb for free, well...

This manual is not intended to be an aid in cellular fraud. Cell fraud th illegal and immoral. Would you like someone to make charges on your ? If you want free calls, you want to check elsewhere for that information se that type of information is NOT mentioned in the Motorola Bible.

This manual is not intended for use by people with little electronics ience. This is not a tutorial and not intended to be used except by e with previous cellular experience and are familiar with programming lar phones.

If you have any additions or corrections about this manual, please me at:

mjlarsen@hotmail.com

ional Info:

It has come to my attention that this has been sold at ham fests and me removed throughout the text. This will no longer happen. As of July 996, this is copyrighted work. All rights are reserved and I will

cute. If you want to sell it, fine. I don't ask for any of the profits. I ask is you leave the entire text intact with my name as it appears.

Also, Dr. Who has been crying about the fact I removed a little otal story from the beginning of his portion in the bible. He released on 2.3 and put the story back in. Since it was not pertinent to cellular, ll not be included. I have given him credit for what I have used and I thin my legal right to publish his little section provided I give him t (which I have). I do find it very amusing that he failed to give me redit on his web page, considering his Motorola section is just my bible ML format...and I didn't cry. (Hah!)

\*E\*R\*A\*L\*\*\*U\*S\*E\*R\*\*\*I\*N\*F\*O\*\*\*\*\*S\*E\*C\*T\*I\*O\*N\*\*\*2

Before going in to the programming of the cellular phone, it is tant for the user to know the normal things necessary for day to day tion. While the majority of the stuff in the users manual is intended eople that have problems programming their VCR, their are a few things are very important and are only mentioned in the users manual.

Turn On or Off: [Pwr]  
 Place Call: Enter number, [Snd]  
 Receive Call: [Snd] or open flip fone  
 End Call: [End] or close flip fone  
 Automatic Redial: To retry call, press [Snd] before ending the unsuccessful call attempt.  
 Store Number: Phone number, [Sto], 2-digit location number or press [\*] to autoload.

If phone is Alphanumeric, display will flash "Alpha\_". Press [Sto] to bypass or use keypad to enter letter (up to 14). [#] advances to next position, [\*] backspaces. When finished, press [Sto].

Recall Number: [Rcl], 2-digit location number. Entering location 01, then hitting [#] will allow scrolling through all stored locations.  
 Recall Name: Press [Name/Menu], [#] or [\*] to scroll. [Rcl] will display location number then name, [Rcl] again will display corresponding phone number and [Snd] to dial.

lling Last 10 Numbers Called: [Rcl], [0], [0]. Display will show "L0'" followed by the name or number of the most recently placed call. Use [#] or [\*] to scroll and [Snd] to call displayed number.

Super Speed Dialing: Directory location number, [Snd]  
 Changing Entries: Press [Rcl] and the 2-digit location number so that the number to be changed is displayed. Press and release [Clr] to back out each of the digits. Enter a new number and press [Sto].

Call Number Displayed: [Snd]  
 Microphone Muting: Press [Fcn], [6].  
 To unmute, press [Fcn], [6]  
 Lock Unit: [Fcn], [5] or [LOCK]

Unlock: Three digit unlock code. If you make an error, [Clr] and enter again.

Automatic Lock: [Fcn], [6] (not all phones)  
 "EnAbLE" will appear if compatible.

Display Unlock Code: Press [Fcn], [0], your six-digit security code, [Rcl].

Changing Your Unlock Code: Press [Fcn], [0], your six-digit security code, your NEW 3-digit unlock code, [Sto].

Review Battery Meter: Press [Fcn], [4] and release.

Adjust Volume: Earpiece - Press and hold [Vol] to increase.  
 Release, press again to decrease.  
 Ringer - [Fcn], then Vol as above.

Recall Own Phone Number: [Rcl], [#]

Individual Call Timer: [Rcl], [#], [#]

Resetable Call Timer: [Rcl], [#], [#], [#]

Reset Resetable Call Timer: [Fcn], [0], [7], [Clr]

Cumulative Call Timer: [Rcl], [#], [#], [#], [#]

Access Features: Press [Fcn], [1]. To change features, press [\*] and [#] to scroll and [Clr] to change.  
 To exit feature menu, press [END].

Review/Scroll Menu Features: Press [\*] or [#]

Status Review: [Fcn], [0], [9], [Rcl], [#] or [\*] scrolls messages. To end press [END].

Changing System Type: Press [Rcl], [\*]. Repeatedly press [\*] until the desired system type appears. To select press [Sto].

Outgoing Call Restrictions: Press [Fcn], [0], 6-digit security code, [1], [Sto]. Phone will place calls only from memory locations 1-10.  
 To change back to unrestricted dialing press [Fcn], [0], 6-digit security code, [4], [Sto].

Switch to Second Phone Number: [Rcl], [#], [Sto] (Press [Clr] to finish viewing newly activated number).

	Key	1st Press	2nd Press	3rd Press	4th Press
	2	A	B	C	
	3	D	E	F	
pha	4	G	H	I	
try	5	J	K	L	
de	6	M	N	O	
	7	P	Q	R	S
	8	T	U	V	
	9	W	X	Y	Z

Features: For a more detailed description or instructions on use, consult the user manual. Not all features listed are available on all models.

Message	Description
Min Beep	One Minute Beep
Answer M Key	Multiple Key Answer
to Answer	Automatic Answer
Scan	System Type Selection

8

ll Screen	Incoming Call Screening
rcy Off	Emergency Dialing
me	System Type Selection
vel 1-6	Call Restrictions (Service Levels)
ck Auto	Automatic Lock
me Pref'd	Memory Recall Preference
n Active	PIN Code Activation
ef'd SIDs	System Type Selection
mind Beeps	Reminder Beep Off
nger Silent	Alert Off (Silent Ringer)
an A	System Type Selection
an AB	System Type Selection
an B	System Type Selection
an BA	System Type Selection
rpd Silent	Silent Scratch Pad
gnal Off	Signal Strength Meter
lent Keypad	Feedback Tones Off
d	Features Set as Standard
eft Alarm	Theft Alarm
mer Auto	Automatic Display Timer
x Mode	Voice Operated Transmission
brat Mode	VibraCall

I would like to add that while I have extensively worked on finding original test mode commands, I (nor anyone else) have ever worked with the original operation commands as listed above. For example, above you will see sequences with [Fcn], [1] or [Fcn], [0], [7]. This is totally unexplored territory. Happy hacking :) See entering test mode on the new phones.

-----  
 ating the PIN in PIN READY cellfones      Thanks to fringe@rndhse.chi.il.us

cannot use their fone without the PIN activated)

ating the PIN Ready feature in Motorola fones:

ter user menu - press FNC,1 or FNC,Menu  
 lect Pin Active in menu and press \* once or until "Pin Active"  
 appears in the fone display.  
 able 'Pin Active' feature - press CLR.  
 small square will appear before 'Pin Active' sayings its enabled.  
 it user menu - press END

ore the PIN into memory:

ter the specific PIN code - press XXXX  
 ore four digit PIN into memory location 07 - press STO,0,7  
 turn to normal operation - press CLR

itiate a call using the PIN Ready feature:

ter the phone number you wish to call:  
 ress (XXX)XXX-XXXX, SND

.net/n9zia/cell2900/motorola.txt

8

u will hear two short rings, then press SND again. The PIN  
 ady featurically send the PIN code you previously  
 ored into memory location 07 and initiate your call.

-----  
 is EE3??

EE3 is the software that Motorola has added to the cellular  
 ct line which provides feature enhancements and increased  
 ity by restricting ESN transfer...

-----  
 id the changes take place...

Due to the FCC Rule change, all new cellular telephones  
 were introduced after Jan. 1, 1995 with new FCC IDs must restrict  
 ransfer. Phones introduced prior to this date are "grandfathered"  
 t required to be compliant with this rule.

-----  
 a can tell the difference between an EE3 and a non-EE3 fone.

These fones will be identified with the marking of EE3 on the  
 abel (look on da back of da fone)

-----  
 oes the fone change?!

Some of the changes EE3 phones have are feature differences,  
 sory compatibility, and service differences.

-----  
 fones have the PIN CODE feature?!

If the phones has EE3 on the back label, then the fone has the  
 ODE feature; with the exception of the EE3 TeleTacs and the  
 C-P300 boxed contours.

-----  
 3-watt VA be used with EE3 fones?!

No, the existing 3-watt VA is not compatible with EE3 fones.  
 ollowing part numbers are for the new 3-watt booster for EE3 fones  
 or conversion kits for existing 3-watt kits. The 3-watt booster  
 ts own handset that comes with it.

e Booster w/Micro Car Handsfree Kit (EE3 pocket and flip)  
 415  
 e Booster w/Micro Car Handsfree Kit (EE3 Elite) <no, eleet!>  
 093  
 e Booster Conversion Kit (EE3 pocket and flip)  
 094  
 e Booster Conversion Kit (EE3 Elite)

-----  
 Motorola fones have the new Lock feature?!

ll EE3 fones have the NEW lock feature - FCN,5 and STO to lock it

.net/n9zia/cell2900/motorola.txt

# Explore Litigation Insights

Docket Alarm provides insights to develop a more informed litigation strategy and the peace of mind of knowing you're on top of things.

## Real-Time Litigation Alerts



Keep your litigation team up-to-date with **real-time alerts** and advanced team management tools built for the enterprise, all while greatly reducing PACER spend.

Our comprehensive service means we can handle Federal, State, and Administrative courts across the country.

## Advanced Docket Research



With over 230 million records, Docket Alarm's cloud-native docket research platform finds what other services can't. Coverage includes Federal, State, plus PTAB, TTAB, ITC and NLRB decisions, all in one place.

Identify arguments that have been successful in the past with full text, pinpoint searching. Link to case law cited within any court document via Fastcase.

## Analytics At Your Fingertips



Learn what happened the last time a particular judge, opposing counsel or company faced cases similar to yours.

Advanced out-of-the-box PTAB and TTAB analytics are always at your fingertips.

## API

Docket Alarm offers a powerful API (application programming interface) to developers that want to integrate case filings into their apps.

## LAW FIRMS

Build custom dashboards for your attorneys and clients with live data direct from the court.

Automate many repetitive legal tasks like conflict checks, document management, and marketing.

## FINANCIAL INSTITUTIONS

Litigation and bankruptcy checks for companies and debtors.

## E-DISCOVERY AND LEGAL VENDORS

Sync your system to PACER to automate legal marketing.