

COMMUNITY MESSENGER OPERATIONS MANUAL



Your Community Just Got Smarter!

COMMUNITY MESSENGER INC.
A SUBSIDIARY OF RINGGOLD TELEPHONE COMPANY

©2002 copyright by DataFM

Contents

Introduction	3
WARNING	4
Important Safety Instructions	4
I. Community Messenger Installation	6
Home Unit	6
Commercial Unit	7
II. Key Pad Features	10
Community Message Keys:	10
III. Set Up	11
1. Tune Home Radio Station	11
2. Reception	11
IV. Community Messenger Unit Features	12
Emergency Message Siren	12
Messages	12
V. Quick Setup Programming	13
1. Zip Code	13
2. Alarm	13
3. Alpha Mode	13
4. Community Code	14
5. Your Telephone Number	14
VI. Data Light	15
Flashing Red Light	15
Flickering Red Light	15
VII. Operation	16
Main Screen	16
Serial Number	16
Programming Menu	16
1. Set Phone Numbers	17
A. Personal Contact Phone Numbers	17
To Set Phone Numbers:	17
B. Directory	17
C. Alpha Mode	18
D. Emergency Contact Phone Numbers	19
E. Alarm Setting	19

2.	Clock/Alarm Clock	20
3.	Radio Station	21
	Signal Troubleshooting:	22
4.	Select Community	22
VIII.	Uses	23
	Scrolling Ads	23
	Community Messages	23
	Personal Contact Messages	24
	Emergency Messages	24
	Emergency Siren	25
	Emergency Alarm	25
	Weather	26
	Zip Codes	26
	Churches	26
	Traffic Reports	26
	Entertainment Radio	26
	Live Messages	27
	Internet E-Mail Notification	27
IX.	General Information	28
	Data Signal	28
	Antenna	28
	Volume Control	28
	Power Supply	28
	Batteries	29
	Data Export	29
	Options and Accessories	29
	FM Tuner	29
	Auto Power Accessory	29
	Message Printer	29
X.	Additional Information	30
	Disclaimer	30
	Class B Equipment:	30
	Limited Ninety Day Warranty	31
	Troubleshooting	33

Introduction

Your complete guide to the Community Messenger, a new way to stay up-to-the minute with your community news using these quality features:

- Emergency Warnings
- Weather Information
- Specific Group Messages
- E-Mail Notification
- National News & Stock Market Information
- Local News

WARNING

1. Do not immerse in water. Electrical shock may occur and unit may be damaged.
2. Do not expose to high temperatures.
3. Do not use a non-recommended power supply.
4. Do not disassemble. Electrical shock may occur and unit may be damaged. Warranty will be void if product is disassembled by anyone other than an authorized technician.
5. Do not operate in a motor vehicle while the vehicle is in motion. The unit may distract the driver and cause an accident.

Important Safety Instructions

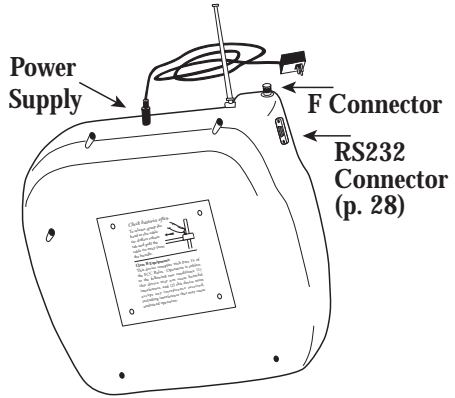
1. Read and understand all instructions.
2. Follow all warnings and instructions marked on the product.
3. Unplug this product from the electrical outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
4. Do not use this product near water (ex: near a bath tub, kitchen sink, or swimming pool).
5. Do not place unit on unstable cart, table or stand. Serious damage may result if unit falls.
6. Do not block or cover slots and openings in cabinet back or bottom. These are provided for ventilation and protection against overheating. This product should not be placed in a built-in installation where proper ventilation is not provided. This product should not be placed near an oven or radiator. Do not place on rug, bed, or similar surface where vents may be blocked.
7. This product should be operated only from the type of power source indicated on the marking label. If you are not sure of the type of power supplied to your home, consult your dealer or local power company.
8. Do not place objects of any kind on the power cord. Install unit in non-traffic areas to avoid stepping on cord.

9. Never push objects of any kind into this product through cabinet slots. They may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.
10. To reduce risk of electric shock, do not disassemble this product. Take unit to a qualified service technician for service or repair. Opening or removing cabinet parts other than specified access doors may expose you to dangerous voltages or other risks. Incorrect reassembling can cause electric shock when the appliance is subsequently used. Attempting to service the unit yourself will void the warranty.
11. Do not overload wall outlets and extension cords which may result in the risk of fire or electric shock.
12. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
 - a. When the power supply plug or cord is damaged or frayed.
 - b. If liquid has been spilled into the product.
 - c. If the product has been exposed to water or rain.
 - d. If the product does not function normally by following the operating instructions. Adjust only those controls that are listed in the operating instructions. Improper adjustment of other controls may result in damage and often requires extensive work by a qualified technician to restore the product to normal operation.
 - e. If the product has been dropped and/or the cabinet has been damaged.
 - f. If the product exhibits a distinct change in performance.

I. Community Messenger Installation

The Community Messenger is available in two models, a Home Unit and a Commercial Unit.

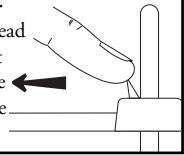
Home Unit:



1. Install batteries by removing cover from bottom of unit. Pull down on release tab at connection point of strip to remove plastic strip holding battery case. Insert 6 AA batteries. Batteries are for backup power supply only. They will provide power for the unit for approximately 24 hours.
2. Connect the AC adapter to the jack in back of unit and to a standard wall outlet.
3. Raise antenna to full extension.
Determine best reception by placing unit in various locations. Do not place near computer or other electronic devices. An external antenna (TV antenna) may be used for improved reception.
4. The volume control knob is located on top right of unit.
5. Tune in Home Radio Station (p. 11).
6. To clear (reset) unit: Remove batteries, disconnect and reconnect adapter to wall outlet. Install batteries.

Check batteries often.

To release, grasp the head to the cable tie, deflect release tab and pull the cable tie away from the bundle.



7. To test batteries:

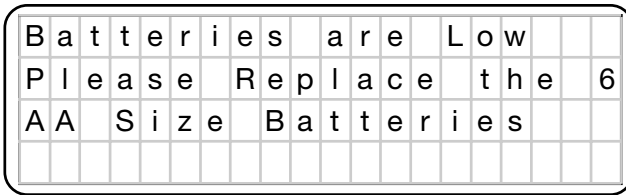
Unplug unit and turn audio on full.

Replace batteries if:

Display flickers.

Audio fades.

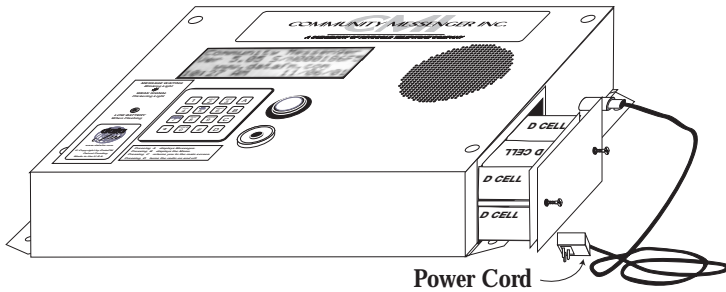
“Batteries are low” appears on screen.



8. Begin programming your unit (p. 13).

Commercial Unit:

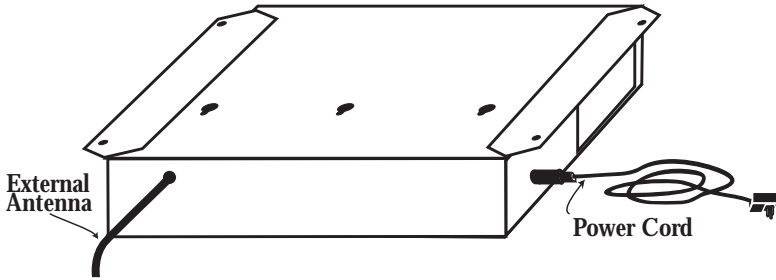
1. The commercial unit requires an external antenna.



2. Install batteries by removing screws on side of unit and sliding out battery pack. Place 6 D cell batteries in pack and insert in unit. Batteries are for power outage backup only and will provide power for the unit for approximately 100 hours.

3. Connect AC adapter to jack at rear of unit and to standard wall outlet.

- To mount unit, use the Community Messenger receiver as a template and mark the four hole locations on the wall and mount with screws.



When mounting to drywall use four #6 hollow wall screws as shown in the picture below.

Hollow-Wall Screw—For Drywall

Also known as mollys, these expandable anchors come with a pan head Phillips/slotted combination machine screw you can remove and replace as often as needed.

Fingers on the anchor body expand behind the surface when you drive in the screw. Anchors are zinc-plated steel. Two styles are available.



Predrill Style

Predrill style –To install, drill hole through base material, insert anchor, and tap until head is flush. Turn machine screw (included) to expand anchor. Remove screw, position fixture, replace screw through fixture, and tighten.



Drive Style

6-32 Screw Size—Drill Dia.; 5/16"

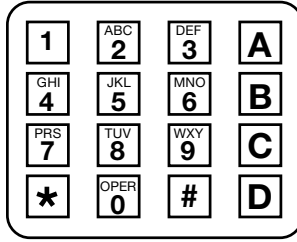
Drive Style –To install, use the same steps as predrill anchor, but without drilling. Drive the anchor through the drywall until the head is flat against base material.

When mounting to studs use four #6 by 1-1/4 long pan or round head wood screws.

The unit may also be mounted by sliding base onto 3 screws attached to wall. You must create a template by tracing over the back of the Community Messenger onto a sheet of paper to correctly position the three screws on the wall.

5. The volume control knob is located on top of unit.
6. Tune in Home Radio Station (p. 11).
7. To reset unit: Press reset button located on top of unit beside the key pad.
8. Begin programming your unit (p. 13).

II. Key Pad Features



Press the following keys to view information or program the unit:

A View Messages.

B Programming Menu.

See programming instructions under Operation (p. 16).

1	)	S	e	t	P	h	o	n	e	N	u	m	b	e	r	s	
2	)	S	e	t	C	l	o	c	k	/	A	l	a	r	m		
3	)	S	e	t	R	a	d	i	o	S	t	a	t	i	o	n	
4	)	S	e	l	e	c	t	C	o	m	m	u	n	i	t	y	

C Main Screen: Time, Date.

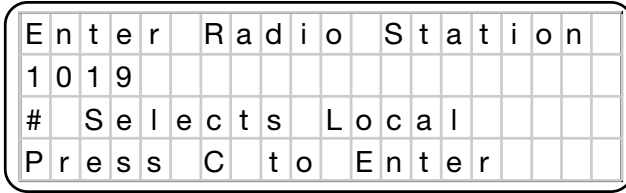
D Turn Radio On/Off.

Community Message Keys:

Each number on the key pad provides information of interest to the community. Examples of categories are Weather, National News & Stock Market Information and Sports. Press a number key to view the information and then press **B** to scroll until all items have been read. For additional information see Community Messages (p. 23).

III. Set Up

1. Tune Home Radio Station



Tune the radio to your Home Radio Station broadcasting the Community Messenger data.

To Tune Home Radio Station:

Press **[E]** Programming Menu.

Press **[3]** Set Radio Station.

Enter station number without decimal or spaces, ex: 101.9 is entered 1019.

Press **[C]** to set and return to main screen.

Press **[D]** to turn on radio and verify adequate signal.

Press **[D]** again to turn off radio.

2. Reception

Press **[D]** to turn on radio and verify that the radio has strong reception. Sound should be clear and without interference.

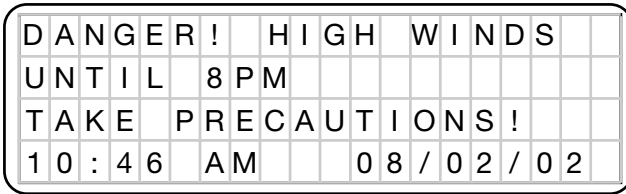
- Data Light (to left and above keypad) should be clear, indicating strong reception (p. 15). If flickering, place unit in a different location.
- Do not remove wire from “F” connector. If an external antenna is necessary, replace “F” connector wire with antenna wire. See Home unit diagram (p.6)
- Inadequate reception may result in:
 - Garbled messages
 - Faulty Emergency Messages
 - Missed Messages
 - Signal Searching

For additional reception information see Data Light (p. 15).

IV. Community Messenger Unit Features

Emergency Message Siren

Codes are preprogrammed into the Community Messenger unit which allows emergency messages to be sent to all receivers. These may not be erased or modified.



The Emergency Siren will sound when an emergency message is sent. The Emergency Siren can be stopped by pressing any key. For more information see Emergency Siren and Emergency Alarm (p. 25).

Messages

Press **A** to view Messages.

- Messages are displayed in reverse order with the most recent message and time delivered shown first.
- Unit holds 85 messages.
- Messages may not be deleted.
- Unit eliminates oldest message as new one is received.

For additional information see Personal Contact Messages (p. 24).

V. Quick Setup Programming

In addition to the preprogrammed emergency codes, you may set your unit to receive emergency messages specifically for your area. For quick setup of individual specifications follow steps 1 through 5.

1. Zip Code

Enter your Zip Code to receive Emergency Management Agency information for your area.

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[1]** Set Phone Numbers (Your Zip is programmed as a 7 digit phone number).

Press **[2]** Emergency Numbers.

Press **[0]** _ _ _ _ _ **[6]** ex: 0307366.

The cursor advances automatically to the right as each number is entered. To move cursor to the left press **[D]**.

2. Alarm

Press **[#]** to set Alarm to CONT.

Choices are OFF / BEEP (intermittent) / CONT (continuous) / RAD (radio).

For additional information see Emergency Alarm (p. 25).

Set zip code number for alarm setting to CONT for continuous alarm. The alarm will sound each time an emergency message is sent.

3. Alpha Mode

When a message is received, the access number from the sender displays.

If you prefer to have the name of your contact (Zip Code) appear rather than the access number (0307366) you may use Alpha Mode (p. 18).

4. Community Code

To receive specific information and emergency warnings for your area, enter the number assigned to your specific, local community, i.e. Community Code.

Emergency Codes are preprogrammed into your unit, however, Community Codes must be individually set.

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[4]** Select Community.

Enter Community Code number, ex: 01.

Press **[C]** to return to the main screen.

5. Your Telephone Number

Enter your telephone number so you may be notified by Emergency Management or other emergency agency if your telephone is out of service.

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[1]** Set Phone Numbers.

Press **[2]** Emergency Numbers.

E	M	E	R	G	E	N	C	Y	N	U	M	B	E	R	S				
0	1	)		9	3	5	0	0	0	1									
H	O	M	E	N	U	M	B	E	R										
#	S	E	L	E	C	T	S	A	L	A	R	M	C	O	N	T			

← Number Line

← Name Line

Press **[B]** to move down the list until an empty location is reached.

Enter each digit of phone number (do not include area code).

Cursor advances automatically to the right.

Press **[D]** to move cursor to left.

Press **[C]** to store entry and return to main screen.

VI. Data Light

Flashing Red Light

The red Data Light (led - light emitting diode) notifies you of a message waiting and will flash at regular intervals until the message is read. The message may be read by pressing the **[A]** key. To clear the flashing Data Light while reading the messages, press **[*]** or continue pressing **[A]** until all the messages have been read.

Flickering Red Light

A flickering red Data Light represents poor reception. Adjust the antenna until the light goes out or place the receiver in a new location. Computers or other electronic devices placed near unit may interfere with the reception. The greater the distance from the radio station, the greater the interference.

For improved reception use an external antenna. The signal can be split off of an outdoor TV antenna or you may use “rabbit ears”.

NO LIGHT = good data and good reception and no unread messages

FLASHING LIGHT AT EQUAL INTERVALS = unread message

FLICKERING LIGHT = bad data

To correct a flickering light:

- Verify the broadcasting station is transmitting by tuning in station on regular radio.

- Check power connection at outlet and unit.

- Check antenna wire for proper connection.

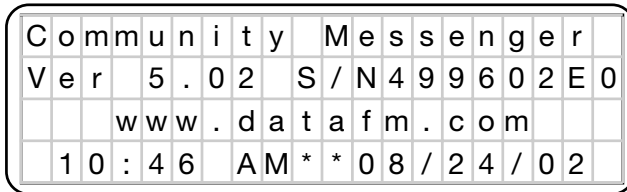
- See Signal Troubleshooting (p. 22).

- See Troubleshooting (p. 33).

VII. Operation

Main Screen

Main Screen will display time and date for 15 seconds. Scrolling ads alternate every 15 seconds with the main screen.



Serial Number

The Main Screen also displays the version and serial number of the software.

In the example above, the version is 5.02 and the serial number is 499602E0.

Programming Menu

The Programming Menu enables you to:

- Customize your Personal Contact Phone Numbers.
- Set the clock.
- Select the frequency of the radio station broadcasting information to the unit.
- Program the Community Code.

From the main screen, press the **[B]** key to view the menu.

1. Set Phone Numbers

A. Personal Contact Phone Numbers

PERSONAL NUMBERS																
0	1	)		9	3	5	0	0	0	2						← Number Line
TENNIS ASSOC															← Name Line	
#																
# SELECTS ALARM CONT																

A personalized list of organizations and assigned access numbers from whom you wish to receive messages may be created on Community Messenger.

Ex: Information regarding the next meeting of the tennis club may be received by entering that phone number.

To Set Phone Numbers:

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[I]** Set Phone Number.

Press **[I]** Personal Numbers.

Press **[B]** to move down list until an empty location appears.

Enter 7 digit phone number _ _ _ _ _ _ _ .

Press **[D]** to move cursor to the left.

B. Directory

A directory can be created by using the Alpha Mode to name the groups and individuals from whom you wish to receive messages.

The Alpha Mode is only used to assign a name to a phone number or access number.

When a message is received prior to creating the directory listing, the number of the contact will be displayed.

Ex: Community High School contact number is 555-1234

555-1234 will display when a message is received from the school.

When a message is received after creating the directory listing, the contact name will be displayed. Assign the identifying name to the number using the Alpha Mode.

C. Alpha Mode

The Alpha Mode is used to provide the identity of a programmed phone number. It allows you to form an identifying name from the key pad which will display when a message is received. This will notify you of the sender of the message. If you choose not to assign an identifying name then the phone number will display. The alpha mode is only used to assign a name to a phone number.

Each number on the keypad has assigned letters. Press each number for desired letter. Ex: For the letter H, press number **[4]** (assigned G,H,I) twice. The first time the key is pressed, the letter G is displayed, the second time pressed, H is displayed, and the third time, I is displayed.

Example:

Assign an identifying name for Zip Code using Alpha Mode.

Press **[B]** Programming Menu.

Press **[1]** Set Phone Numbers.

Press **[2]** to select Emergency Numbers.

Press **[*]** to move cursor to Name Line.

Press **[#]** to turn on Alpha Mode. (If Alpha Mode is off, numbers will be entered instead of letters) .

Press **[1]** three times (1 displays SPACE, Q, Z) fills position with letter Z.

Press **[C]** to advance cursor.

Press **[4]** three times (4 displays G, H, I) fills position with letter I.

Press **[C]** to advance cursor.

Press **[7]** once (7 displays P,R,S) fills position with letter P.

Continue entering the word CODE in the same manner.

Press **[*]** to exit Alpha Mode.

Press **[C]** to return to main menu.

To verify input:

Press **[B]** Programming Menu.

Press **[1]** Set Phone Numbers.

Press **[2]** Emergency Numbers. Verify input.

Press **[C]** Main Screen.

The following are key functions when in Alpha Mode:

Press **[C]** key to advance cursor to the right.

Press **[D]** key to move cursor to the left.

Press **[1]** to enter SPACE, Q, Z.

Press **[*]** to move cursor to next line or back to previous line.

Press **[B]** to move down list of phone numbers.

Press **[A]** to move up list of phone numbers.

D. Emergency Contact Phone Numbers

Press **[B]** Programming Menu.

Press **[1]** Set Phone Numbers.

Press **[2]** Emergency Phone Numbers.

Emergency Contact Phone Numbers are entered following the same procedure as Personal Contact Phone Numbers (p. 17).

Enter Alpha identifier names following the same procedures as Personal Contact names (Alpha Mode, p. 18).

E. Alarm Setting

The message alarm may be set for each Directory entry. This may be programmed while in the Programming Menu in the phone numbers category. The alarm will sound each time a message is received based on the OFF / BEEP (intermittent) / CONT (continuous) / RAD (radio) setting. Alarms last for approximately 3 minutes. A flashing light remains until the message has been read. To set form of alarm notification:

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

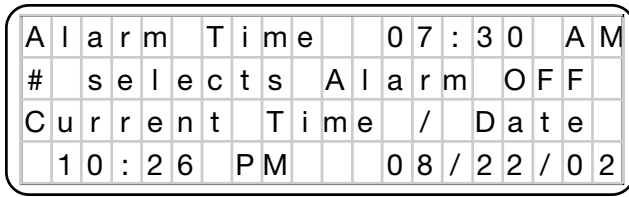
Press **[1]** Set Phone Numbers.

Press **[1]** Personal Numbers or **[2]** Emergency Numbers.

Pressing **[#]** selects the alarm BEEP, CONT (continuous), RAD (radio), or OFF. This does not affect the emergency alarm. You must be out of Alpha Mode to program this feature. To exit Alpha Mode press the **[*]** key. The cursor should now be on the number line allowing the alarm to be set with **[#]**.

Press **[C]** to store setting and return to Main Screen.

2. Clock/Alarm Clock



The Community Messenger provides an alarm clock with battery back up.

To set the clock and/or alarm clock:

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[2]** Set Clock/Alarm mode.

Enter the correct time and date using the numbers on the key pad.

Press **[#]** Select alarm type: OFF, CONT, RAD, BEEP.

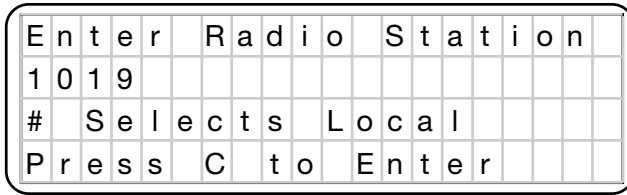
Press **[*]** Advance cursor from alarm setting to time setting.

Press **[A]** Select either AM or PM when the cursor is positioned on the alarm or current time.

Press **[C]** Stores changes and return to the main screen.

Alarm will not sound if changes are not stored by pressing **[C]**.

3. Radio Station



The Community Messenger uses an FM radio frequency to send messages. A local radio station (provided to user by DataFM) broadcasts the DataFM codes and data to the receiver.

To set radio station:

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[3]** Set Radio Station.

Enter station numbers excluding decimal.

Example: for 101.9 enter 1019.

Press **[C]** Store changes and return to main screen.

The Community Messenger will automatically scan and select a station, however, the primary station should be manually entered. Other stations broadcast DataFM codes but may not provide the strongest signal for your area. The unit may receive network affiliated stations sending information from adjoining communities. You should program the primary community station providing messages of interest.

The primary station for your community will be provided at the time the receiver is purchased.

A listing of stations with maps are available at www.datafm.com.

Signal Troubleshooting:

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[3]** Set Radio Station.

Press **[#]** Select distance mode. (local or distance)

Signal continues to be weak:

Return to the local mode and install an external antenna.

When the signal for the primary station is lost, the unit will automatically search for another station and will lock onto the new signal, allowing for emergency messages. It will continue checking the primary signal until the station returns to service.

4. Select Community

C	o	m	m	u	n	i	t	y	S	e	l	e	c	t	i	o	n	
E	n	t	e	r	f	r	o	m	0	1	t	o	1	6				
C	u	r	r	e	n	t	l	y	s	e	t	t	o	0	1			
P	r	e	s	s	C	t	o	E	n	t	e	r						

Press **[C]** Main Screen.

Press **[B]** Programming Menu.

Press **[4]** Select Community.

Enter the number assigned to your local community.

Note: The local community number will be provided when the unit is purchased. This number allows the unit to receive area specific information as well as emergency warnings for your area.

VIII. Uses

Scrolling Ads

R	T	C		N	o	w		O	f	f	e	r	s		D	S	L		
a	n	d		I	n	t	e	r	n	e	t		S	u	p	p	o	r	t
F	o	r		m	o	r	e		i	n	f	o	r	m	a	t	i	o	n
C	a	l	l		7	0	6		9	6	5	-	C	A	T	T			

The screen will automatically display 10 commercial scrolling ads of up to 80 characters for 15 seconds each. The main screen, containing the time and date, displays for 15 seconds between each ad. The display alternates between the main screen and advertising messages.

Community Messages

N	e	x	t		C	o	m	m	i	s	s	i	o	n					
M	e	e	t	i	n	g		T	u	e	s		7	:	0	0		P	M
(	G	a	t	e	w	a	y		B	a	n	k		a	n	d			
T	r	u	s	t)														

Community Messages are available on buttons **[0]** through **[9]**. These messages relay information of interest to the community, such as the weather report, national news, or regional sports. Each message is read by pressing keys **[1]**, **[2]**, etc. Each key may provide up to 21 message screens.

Press selected number.

Press **[B]** to scan down list.

Press **[A]** to move up list.

The individual message will display for one minute and then return to the main screen.

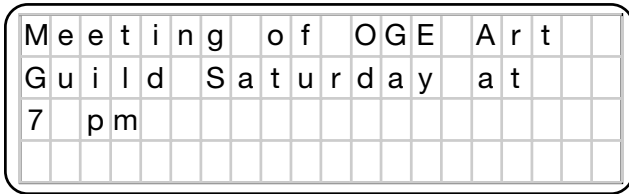
Example: Press **[1]** Today's forecast is currently displayed.

Press **[B]** Displays tomorrow's forecast.

Press **[B]** again to show the extended forecast.

Sometimes a sponsor of the weather forecast or other community message will appear between the message screens.

Personal Contact Messages



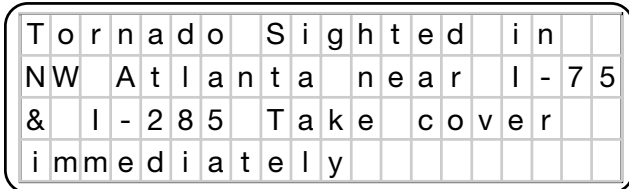
Personal Contact Messages relay information of personal interest to the subscriber. Ex: Tennis Association, Church, High School Band Association, PTA, Rotary Club

To view Personal Contact Messages:

- Press **[A]** to view message.
- Press **[A]** to view next message.
- Press **[B]** to view previous message or scroll up message list.
- Press **[C]** to return to Main Screen.

The display consists of 4 lines of 20 characters on each line. Press **[A]** and the first 2 lines of the message is displayed. After 3 seconds the screen will scroll down to display the entire message. The Community Messenger retains up to 85 messages including personal and emergency messages. The message light flashes until the message has been read. The unit eliminates the oldest message as a new one is received.

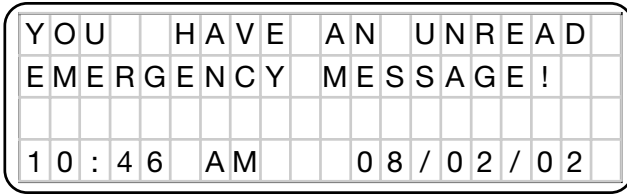
Emergency Messages



An emergency message will interrupt any display with an audible alert (a loud chirp or siren) that will continue for 3 minutes.

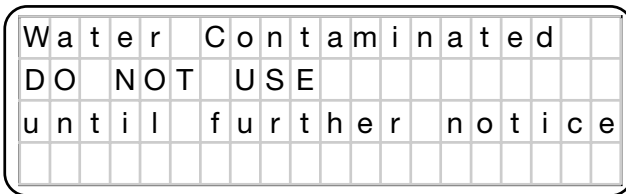
Press any key to silence the alarm.

The alert will remain on the display screen for 3 minutes. If you do not read the message within the 3 minutes, the following message will display:



Emergency Siren

Codes are preprogrammed into the Community Messenger unit which allows emergency messages to be sent to all receivers. These may not be erased or modified. The Emergency Siren will sound when an emergency message is sent. The Emergency Siren can be stopped by pressing any key.



Emergency Alarm

An Emergency Alarm will sound when an emergency message is sent for a number in the directory. You create the directory and determine the alarm type (cont, beep).

The message light will continue to blink until the message has been read.

Press **A** to read the emergency message.

Press **C** once message has been read to return to main screen.

To silence any alarm, press any key.

Weather

The National Weather Service supplies weather updates 3 times or more each day as necessary.

Zip Codes

The system operator will provide your local emergency management agency with your zip code number and other community codes.

To Enter Zip Code see Zip Code (p. 13).

Churches

All established churches that have a congregation, meeting sanctuary, and telephone number listing in the system operator's designated telephone directory, may use this service free of charge.

To enter the church number in your directory see Personal Contact Phone Numbers (p. 17).

Traffic Reports

Traffic reports are updated throughout the day. Each community and each major highway is assigned a traffic number. A map of your area with assigned numbers is available from the system operator and on the Internet at www.datafm.com. Program the numbers of the highways you travel into your Community Messenger to be notified of traffic information for those areas.

To enter traffic report numbers see Personal Contact Phone Numbers (p. 17).

Entertainment Radio

Each unit is equipped with a speaker and volume control to allow the user to listen to the radio station that is also broadcasting DataFM codes. An entertainment radio tuning option may be purchased to listen to other stations. Consult your system operator for details.

Press **[D]** to turn on/off radio.

Do not tune the radio to a station not broadcasting DataFM data.

Tuning to a different station automatically programs the selection as

your home station, forcing the receiver into scan mode. The unit will operate under the assumption that the home station is not broadcasting. Always program your home station from the key pad to receive your messages.

Live Messages

Live Messages may be used for advertising or promotional contests by the radio station. These messages are not stored in memory and only display once for one minute. Live Messages require special access numbers and may be entered into the Community Messenger using the Personal Contact Phone Number (p. 17). The system operator will notify you when Live Messages will be used.

Internet E-Mail Notification

Community messenger will notify you when an E-mail is received by the Internet account. The sender, subject and a portion of the e-mail will be displayed. The user name and password of your e-mail account must be provided to DataFM to implement this service. The Data FM Network, which supports Community Messenger, scans the account each minute and transmits notification when an e-mail is found.

IX. General Information

Data Signal

If the home radio station is having a transmission interruption for 3 minutes, the display screen will show "Searching for Signal." It will scan for and lock onto an appropriate data signal and then continue to check back with the home station once per minute until it is broadcasting again. A backup signal may be weak and will require an external antenna.

Antenna

Antenna should always be fully extended.

Select a VHF ("rabbit ears") external antenna if necessary for improved reception.

Do not connect to cable TV antenna.

To install external antenna:

Disconnect wire from the "F" (cable TV type) connector on back of unit and attach the external antenna using the screw on "F" connector. See Home Unit diagram (p. 6).

Volume Control

The volume control for the radio speaker is located in the top right corner of the Home Unit and to the right of the keypad of the Commercial Unit.

Power Supply

Use only the supplied 12 volt AC adapter.

Do not use any other AC adapter.

Connect the AC adapter to a continuous power supply (standard 120V AC wall outlet).

A 12 volt auto cigarette supply may be used in case of emergencies.

Batteries

See Community Messenger Installation:

Home Unit (p. 6).

Commercial Unit (p. 7).

Data Export

DB9 connector (RS232 data port):

The unit has a 9 pin “D” shaped RS-232 connector used for data export. To use this feature, connect a 9 pin “null modem” cable between the unit and an available serial port on your PC. See Home Unit diagram (p. 6). Configure the PC serial port to 9600 baud, 8 data bits, 1 stop bit, no parity.

Data Export is a standard feature on the home unit and can be added to the commercial unit as an option.

Options and Accessories

FM Tuner

An additional tuner may be purchased that will allow you to listen to any FM radio station while your unit monitors your home station.

Auto Power Accessory

A 12 volt adapter is available for use in your car. It is not recommended that you use unit while vehicle is in motion.

Message Printer

Messages received on your Community Messenger may be printed with a printer available from your system operator.

X. Additional Information

Disclaimer

Monitor radio and television stations in case of emergency.

Batteries will supply power for approximately 24 hours for the home unit and 100 hours for the commercial unit.

Radio stations occasionally have transmission interruptions or technical difficulties, affecting the transmission of data to the unit.

DataFM's Community Messenger receiver is an excellent addition and improvement to existing technology and communications systems. It is not intended as a replacement.

Class B Equipment:

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.

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 to 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.

Warning: FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authorization to operate this equipment.

Limited Ninety Day Warranty

This product is warranted by DataFM against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from DataFM, any DataFM Licensee, and any dealers. EXCEPT AS PROVIDED HEREIN, DATAFM, MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES, CONTAINED HEREIN. EXCEPT AS PROVIDED, DATAFM, SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF DATAFM HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow the limitations on how long an implied warranty lasts or the exclusion of incidental or consequential damages, so the above limitations or exclusions may not apply to you. In the event of a product defect during the warranty period, take the product and the sales receipt as proof of purchase date to DataFM, any DataFM Licensee or any dealer. DataFM will, at its option,

unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of DataFM. New or reconditioned parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period. This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning, or other incidence of excess voltage or current; (b) any repairs other than those provided by a DataFM authorized service facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation. This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

DataFM, Inc.

670 LaFayette Street, Ringgold, GA 30736
www.datafm.com.

Troubleshooting

For information concerning inadequate signal see Signal Troubleshooting (p. 22).

For questions:

On line help is available at www.datafm.com or call 706-937-8707.

