

# **User Manual**

**FX2000**

**Dual band Fixed Wireless Phone**

# **SAFETY INFORMATION**

## **1. EXPOSURE TO RADIO FREQUENCY (RF) ENERGY**

- Your phone contains a transmitter and a receiver. When it is ON, it receives and also sends out radio frequency (RF) signals. When you communicate with your phone, the system handling your call controls the power level at which your phone transmits.
- Your phone is designed to comply with local regulatory requirements in your country concerning exposure of human beings to RF energy.

## **2. OPERATIONAL PRECAUTIONS**

- To assure optimal phone performance and make sure human exposure to RF energy is within the guidelines set forth in the relevant standards; always adhere to the following procedures.

## **3. EXTERNAL ANTENNA CARE**

- Use only the supplied Motorola approved antenna. Unauthorized antennas, modifications, or attachments could damage the phone.
- Do NOT hold the antenna when the phone is IN USE. Holding the antenna affects call quality and may cause the phone to operate at a higher power level than needed. In addition, use of unauthorized antennas may result in non-compliance with the local regulatory requirements in your country.

## **4. PHONE OPERATION**

- When placing or receiving a phone call, hold your phone as you would use a wireless telephone.
- To maintain compliance with RF energy exposure guidelines, ensure the phone antenna is at least 10 inches (25centimeters) from your body when transmitting.

## **5. APPROVED ACCESSORIES**

- Use of accessories not approved by Motorola, including but not limited to batteries and antennas, may cause your phone to exceed RF energy exposure guidelines.

## **6. RF ENERGY INTERFERENCE / COMPATIBILITIES**

- Nearly every electronic device is susceptible to RF energy interference from external sources if inadequately shielded, designed, or otherwise configured for RF energy compatibility. In some circumstances your phone may cause interference.

## **7. MEDICAL DEVICES**

### **1) Pacemakers**

Pacemaker manufacturers recommend that a minimum separation of 10 inches (25centimeters) be maintained between the fixed wireless phone and a pacemaker.

Persons with pacemakers should:

Always keep the phone more than 10 inches (25 centimeters) from your pacemaker when the phone is turned ON. Turn OFF the phone immediately if you have any reason to suspect that interference is taking place.

### **2) Hearing Aids**

Some digital wireless phones may interfere with some hearing aids. In the event of such interference, you may want to consult your hearing aid manufacturer to discuss alternatives.

### **3) Other Medical Devices**

If you use any other personal medical device, consult the manufacturer of your device to determine if it is adequately shielded from RF energy. Your physician may be able to assist you in obtaining this information.

## **8. BATTERIES**

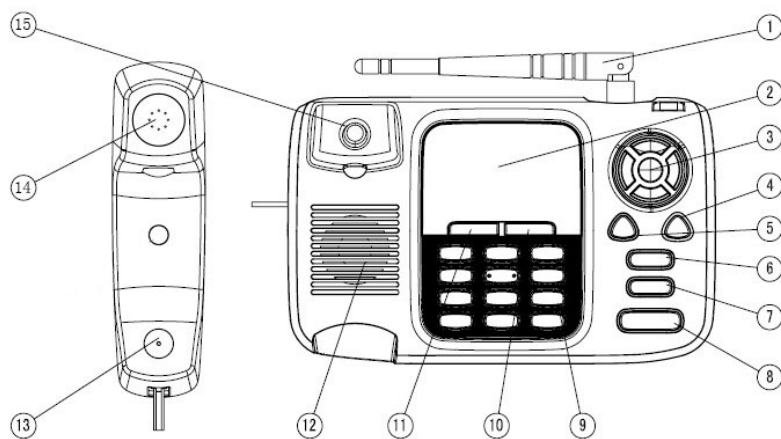
Batteries can cause property damage and / or bodily injury such as burns if a conductive material such as jewelry, keys, or beaded chains touches exposed terminals. The conductive material may complete an electrical circuit (short circuit) and become quite hot. Exercise care in handling any charged battery, particularly when placing it inside a pocket, purse or other container with metal objects. Use only original batteries and chargers.

- Please don't use any damaged battery or charger and use the battery only for its intended purpose.
- Don't apply extreme shock to the battery. It's dangerous to disassemble a battery or to apply extreme shock to the battery via nail or heavy metal objects.
- Keep the charger or batteries out of reach of small children or babies.
- Always try to keep the battery between -10 ~ 55 Celsius.
- Use only manufacturer approved rechargeable batteries and charger designated for this device.

#### **9. Seizures / Blackouts**

- Some people may be susceptible to epileptic seizures or blackouts when exposed to flashing lights, such as when watching television or playing video games. These seizures or blackouts may occur even if a person never had a previous seizure or blackout.
- If you experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor.

## PHONE OVERVIEW



- (1) Antenna
- (2) LCD
- (3) Volume key Up/Down/Ok key
- (4) Phonebook key
- (5) FM key
- (6) Send key
- (7) End/Power key
- (8) Speakerphone key
- (9) Numeric key

- (10) Right soft key
- (11) Left soft key
- (12) Loudspeaker
- (13) Microphone
- (14) Receiver
- (15) Hook key

## INSTALLATION

- [1] Connect the coil cord to both the handset and the transceiver (phone).
- [2] Install the antenna to the antenna connector. Hold the plastic portion of the antenna and turn the metal screw clock-wise.
- [3] Connect the adaptor to the AC Wall outlet and put adapter jack into the hole on the rear side of transceiver
- [4] Remove the battery door and Insert SIM card into the SIM slot in the right direction. After this, please Connect the rechargeable battery pack into the battery plug and replace the battery door.
- [5] After installing the handset correctly, press the power key which is on the right of the front panel for about 3 seconds, the phone will then automatically test whether the SIM Card is inserted and valid. Wait for the antenna icon to display indicator bars before you make a call.

**Note:**

**The battery pack is a backup for emergencies in case of a power failure. Do not operate the phone without having the AC/DC adaptor connected.**

**Be sure to carefully match the positive and negative terminals as shown on the battery. When using the phone for the first time, charge it for over 6 hours to ensure optimum battery charge.**

**Caution:**

**It is prohibited to use the SIM card for this Fixed Wireless Phone in other GSM phone. Once the SIM pin number is entered, the SIM pin maybe automatically changed so the initial PIN is no longer valid. Therefore, it is highly recommended**

**NOT to take out the SIM card once it is installed in this product.**

**DO NOT bend or scratch your SIM card, and avoid exposing it to static electricity, water, or dirt.**

## KEY FUNCTION

### [1] Left / Right Soft Key ( Menu / Dial Record key )

- ➔ Press the left soft key (**Menu/OK**) to perform the function indicated by the text on the screen above the key.
- ➔ Press the right soft key (**Dial Record/Back**) to directly access the Dial Record list

#### **Note:**

The functions of the soft keys depend on the guiding text shown above the keys. For example, when the text **Menu** is above the left soft key, press, and the left key enters the menu functions. Similarly, pressing the right soft key under the text **Dial Record** accesses the Dial Record list functions

### [2] Send key

- ➔ Press to make a call to a name / number shown on the screen.
- ➔ Press to answer a call.
- ➔ Press to access the list of recently outgoing call .

### [3] End key

- ➔ Press to end a call.
- ➔ Press once to exit a function and return to the idle screen.

### [4] Numeric Keys / ' \* ' keys / '# ' Keys

- ➔ Used for entering numbers and letters.
- ➔ Press and hold number 1 key to call the voice mailbox.
- ➔ Press '#' key to toggle between upper case, lower case and numeric modes in message mode.
- ➔ Press '\*' key to toggle between letters and symbols in message mode.

### [5] Navigation / Scroll keys

- ➔ Press **up** navigation key to **Calendar**.
- ➔ Press **down** navigation key to **Alarm** .

- ➡ Press up/down key to up / down the phone's menu.

**[6] Speaker key**

If you are using the handset to call and you want to transfer the call to the speakerphone mode, press the Speaker key button and hang up the receiver to transfer the call to the speakerphone

**[7] Volume key**

- ➡ Press Volume up/down key to change volume level.
- ➡ Press Volume up/down key to move the cursor when entering letters or dialing number.

**[8] FM Radio**

- ➡ Press the shortcut key ( **FM Radio** ) to directly access the sub-menu

**[9] Contacts key**

















- ➡ Press the shortcut key ( **Contacts** ) to directly access the Contacts list



## DISPLAY INDICATORS AND ICONS

The display indicators and icons provide information about the operation of the phone.

The start screen is displayed when the phone is turned ON. Several features can be used only when the phone is at the start screen.

	<p>Signal Strength Indicator</p> <p>Indicate the strength of the network signal</p> 
	<p>Volume tone Indicator</p> <p>Indicate the tones of the Volume</p> 
	<p>Battery Level indicator</p> 
	<p>Mute: shows when turn off the volume of MIC</p>
	<p>Call Divert</p>
	<p>Voice message</p>
	<p>Received New message</p>
	<p>SMS read already</p>
	<p>Sent SMS</p>
	<p>Unread SMS</p>
	<p>Contacts stored in SIM card</p>
	<p>Contacts stored in Phone</p>
	<p>shows when turn off the volume of ring tone</p>

## BASIC OPERATION

### [1] Switching the phone ON and OFF

1) To turn on your phone, press and hold **“End key”** for a few seconds or until the display turns on.

2) To turn off your phone, press and hold **“End key”** for a few seconds.

### [2] Making a call

#### 1) Dial a Call

Raise your receiver and enter phone number which you want to call. After entering phone number and press **“Call key”** to make a call.

**Tip: In some menus like Contacts, Dial Records, etc. which have individual phone number, Press “Call key” directly to make a call.**

#### 2) Dial the Fixed Phone Extension Number

Some fixed phone extension can't be called directly, it need a phone exchange. If you input the pause character 'P' between the exchange phone number and extension number, the phone will finish the dial procedure, connect to the extension. To get the "P", press the **“★”** key some time till the "P" displayed on the phone screen.

#### 3) Dial a International Call

Press the **“★”** key some time till the character "+" displayed on the phone screen. Input the country code and the phone number after the prefix.

#### 4) Dial From Contacts

Press **Contact** key to get into the phone book. Press **Up / Down** key to scroll the list to search the caller's name. Then press call key to make a call.

#### 5) Speed Dial

Press 2 -

9 keys for a while, the phone number stored in speed dial list will be sent out. Make sure the speed dial key has been set up.

### **[3] Answering a call**

When your phone rings, just raise your receiver to answer, or press “**Send key**” or “**Speaker key**” to answer in speaker phone mode.

### **[4] Speaker mode.**

You can make or answer a phone call by pressing Speaker key when the handset is on the base

To make a call:

- 1) Press the number you want to connect to without pick the handset up.
- 2) Press Send key

**Note: The call is automatically made without pressing, approximately 3 seconds after you dial the number.**

To answer a call

When the phone rings, press **Speaker key** to turn ON the speaker phone mode.

### **[5] Adjusting the Ring Volume**

You can adjust the ring tone volume by pressing the Volume keys on the phone in setting menu.

- 1) Incoming a call or During a call, directly press Volume keys up to enter the **Ring Volume** control screen.
- 2) Press volume up key to increase the volume.
- 3) Press volume down key to decrease the volume.

### **[5] Redialing the last-dialed number**

The phone stores up to 10 last dialed numbers.

- 1) Press **Send key** to find the most recently dialed numbers.
- 2) Press navigation key to scroll to the number you wish to dial.
- 3) Press **Send key** once.

**Note: If no recently dialed numbers are stored, you will not be able to use this function.**

#### **[7] Caller ID**

Requires a subscription to a calling plan that supports this feature. Not available in all areas. Contact your telephone service provider for availability and details. When Caller ID is active, your phone shows the caller's phone number during an incoming call, as long as this number is a part of your service provider's wireless network.


The wireless network lets you know if it does not recognize the caller's phone number. The wireless network will also let you know if the calling party has blocked the Caller ID feature.

If you have stored the name and number of the calling party in your Contacts and that number is supported by the wireless network, the caller's name will also appear.


#### **[8] SMS and Voice Mail**

Requires a subscription to a calling plan that supports this feature. Not available in all areas. Contact your telephone service provider for availability and details.

A new SMS arrives:

The back light of the LCD is ON and the display shows "New Message, Read Now ?" text message with SMS icon . And if you want to read received new Message, press the left soft key ( Yes ). If you want to check message later, press the right soft key ( No ).

Voice mail arrives :

The back light of the LCD is ON and the display shows "New Voice Message, Listen Now ?" text message with Voicemail icon . And if you want to check new voice message, press the left soft key ( Yes ). If you want to check message later, press the right soft key ( No ).

## USING PHONE MENUS

### [1] Menus

A menu is a list of choices you can make. Your phone has 5 menus. ( And your service provider may add STK menu extra depending on network service ) Each menu contains options that allow you to use the message, change the ring tone, etc. You can use menus and sub-menus in two ways: by scrolling or by using shortcuts.

### [2] Scrolling through menus

- 1) From the Start screen, press **Menu**, and then scroll through the menus using **Up / Down** key.
- 2) Use the scroll and **OK** key to select the submenus and **back** key to return to the Start screen.

### [3] Exiting menu levels

- 1) To return to the previous menu level, press **Back** key.
- 2) To return to the Start screen, press **End** key. No menu setting changes will be saved.

### [4] Menu Tree

You can refer to below pages about Menu tree for more details.

### [5] Using shortcuts through menu

- 1) Dial Record : press the right soft key directly
- 2) Outgoing call: press Send key one time for a second.
- 3) Calendar: press up navigation key directly.
- 4) Alarm: press down navigation key directly.
- 5) FM radio: press FM shortcut key to FM directly
- 6) Contacts List: press Contacts shortcut key directly

## ENTER LETTERS AND NUMBERS

### [1] Entering Letters

When you want to add new names or when you view names in the Contacts, your phone automatically switches to the abc (ABC) mode and displays the abc icon on the right upper side in Display. ✖: Abc→ES→es→Es→123→ABC →abc rotated

Key	Characters	Key	Characters
1	, . ? ! @ 1	2	a b c 2 à á ç
3	d e f 3 è é	4	g h i 4 ì í
5	j k l 5	6	m n o 6 ñ ò ó
7	p q r s 7	8	t u v 8 ú ü
9	w x y z 9	0	(Space) 0
*	, . ' ? ! " @ ¥ \$ _ ^ { } \ [ ~ ]   # ¢ % & ( ) * + - / : ; < = > ¡ ¢ £ ¤	#	Change letter case(✖)

### [2] Editing name or phone number

- 1) From the Contacts list ( Read ), select the name you want to edit by scrolling Up / Down key and press **OK key**.
- 2) To edit, press the left soft key and scroll down to the edit option and press **OK key**.
- 3) Edit the name you want to change and / or press again **OK key** to change the phone number.
- 4) Press Volume down key ( up key ) to scroll the cursor to the left ( the right ).
- 5) Press Clear key to correct any mistakes or press hold to clear all.
- 6) Press the **OK key** to save changes or the **Back key** to cancel.

### [3] Changing the case of letters and numbers

You can switch the mode among uppercase and lowercase letters and numbers by pressing # key.

## OVERVIEW OF MENU TREE

\* For detail about menu tree and usage, please contact your service provider

1. Phonebook		
	Add new contact	
2. Message		
	1. Write message	
	2. Inbox	
	3. Drafts	
	4. Outbox	
	5. Sent messages	
	6. Broadcast Message	1. Receive Mode
		2. Channel settings
		3. Languages
		4. Read messages
	7. SMS Template	
	8. SMS Settings	1. SIM
		2. Memory status
3. Save sent message		
4. Preferred storage		
5. Character set		
3. Call center		
	1. Call logs	
	2. Call settings	
4. Settings		
	1. Profiles	1. General
		2. Silent

	2. Phone Settings	1. Time and date
		2. Language
		3. Pre. Input method
		4. Display
		5. Dedicated keys
		6. Auto update time
		7. Misc. settings
	3. Network settings	
	4. Security settings	1. SIM security*
		2. Phone security*
	5. Restore settings	
5. Organizer		
	1.Calculator	
	2.FM radio	
	3.Calendar	
	4. Alarm	

\* Please check with your service provider for more detail before using this function

The information contained in the FXP871 user guide is believed to be correct at the time of printing. We reserve the right to change or modify any information, product specifications, features or functionality without notice. The contents of the FXP871 user guide are provided "as is." Certain features may not be activated by your service provider, and/or their network settings may limit the feature's functionality. Additionally, certain features may require a subscription.

Contact your service provider for details.



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Your battery or phone may contain symbols, defined as follows.

	<b>Important safety information will follow</b>
	<b>Your battery or phone should not be disposed of in a fire</b>
	<b>Your battery or phone may require recycling in accordance with local laws. Contact your local regulatory authorities for more information</b>
	<b>Your battery or phone should not be thrown in the trash</b>

- Please don't use any damaged battery or charger and use the battery only for its intended purpose.
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- If you experienced seizures or blackouts, or if you have a family history of such occurrences, please consult with your doctor.

#### **FCC Caution:**

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the 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.

#### **IMPORTANT NOTE:**

#### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment .This equipment should be installed and operated with minimum distance 20cm between the radiator& your body.

This transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.