User Manual
<TX340G>

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Sprint

Consejo: Para encontrar esta manual para usuarios en español,por favor visita a **www.sprint.com** y haz clic en **Support > Devices.**

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To find this user manual in Spanish, please visit **www.sprint.com** and click **Support > Devices**.

Important Privacy Message – Sprint's policies often do not apply to third-party applications. Third-party applications may access your personal information or require Sprint to disclose your customer information to the third-party application provider. To find out how a third-party application will collect, access, use, or disclose your personal information, check the application provider's policies, which can usually be found on their website. If you aren't comfortable with the third-party application's policies, don't use the application.

Table Of Contents

> Tip: Looking for something? If you don't see it in the headings
> listed here, try the index on page 34 .

Introduction

This User Manual introduces you to Sprint service and all the features of your new device. It's divided into four sections:

- ♦ Section 1: Getting Started
- ♦ Section 2: TX340G FWT(Fixed Wireless Terminal)
- ♦ Section 3: Sprint Service
- ♦ Section 4: Safety and Warranty Information

Note: Because of updates in TX340G software, this printed manual may not be the most current version for your TX340G. Visit **www.sprint.com** and sign on to **My Sprint** to access the most recent version of the user manual.

WARNING: Please refer to the **Important Safety Information** section on Page 32 to learn about information that will help you safely use your TX340G. Failure to read and follow the Important Safety Information in this TX340G manual may result in serious bodily injury, death, or property damage.

TX340G User Manual

Overview

The TX340G is a dual-band (800/1900Mhz) fixed wireless voice terminal that is perfect for a seamless land-line like service. TX340G is designed to provide a simple phone service at a home or business. Its Assisted GPS feature provides E911 service to accurately determine the location of the caller in case of an emergency. The TX340G allows the users to migrate from landline to wireless without losing any functionality of their regular home phone service.

Features

- CDMA2000 1x voice services (backward compatible to IS-95 A/B)
- 800/1900 MHz Dual Band
- TTY/TDD Telephone Support
- 3 multi-colored LED Indicators (Signal, Mode and Power)
- 2 RJ-11 Bridged Ports (with max 4 REN)
- Dial-Tone and DTMF Generation
- Desktop and Wall-Mountable
- Call Waiting, Three-way Calling and Call Forwarding
- Call Restriction
- Type II Caller ID (or Call Waiting Caller ID)
- OTA (IS-683A)

Menu Option Table

Access the menu by first lifting the handset or pressing the TALK button on your cordless phone and press ** followed by the appropriate number sequence as shown below.

MENU ("**○○")	Sub Menu ITEM		EXAMPLE
1.Sound	1. Adjusting Voice Volume	* Louder # Lower	**11* (louder) **11# (lower)
	2. Alert Volume	* Louder # Lower	**12* (louder) **12# (lower)
	3.Setting 1 Minute Alert	* Off # On	**13* (off) **13# (on)
	4. Voice Privacy Alert	* Off # On	**14* (off) **14# (on)
	5. Connection Alert	* Off # On	**15* (off) **15# (on)
2. General	1. Setting Caller ID	0 No Caller ID 1 DTMF Standard 2 FSK (Bellcore):Default	**210# (No caller id) **211# (DTMF) **212# (FSK)
	2. Setting Auto Send time	3~9 seconds 0 OFF	**223# (3 seconds) **220# (off)
	3. # as Send key	* Off # On	**23* (off) **23# (on)
	4. Setting DTMF Length	* Long # Short	**24* (Long) **24# (Short)

	Sub Menu ITEM		EXAMPLE
3. Security	1. Changing Lock code	Old lock code,(Tone) , New lock code,# , New lock code again	To change from 0000 to1234 **310000(confirm tone) 1234#1234#
	2. Restricting Outgoing Calls	Lock code , * Off or # On	If lock code is 0000 , press **320000* (off) **320000# (on)
	3. Sprint Only	* Off # On	**33* (off) **33# (on)
	4. Activation/ Re-Activation	MSL code, <#>	MSL code is 000000 : **34 000000
	5. Factory Reset	Resets module to factory default, <#>	If lock code is 0000 : **35 0000
	6.Update PRL	Lock code, <#>	If lock code is 0000 : **36 0000
4.TTY	1. TTY Mode Set	0 TTY FULL 1 TTY TALK 2 TTY HEAR 3 TTY OFF (Default)	**410# : TTY FULL **411# : TTY TALK **412# : TTY HEAR **413# : TTY Off

Three escalating beeps (bee-bee-beep) indicate a successful entry.
Three short beeps (beep-beep-beep) indicate an unsuccessful entry.

Section 1

Getting Started

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TX340G User Manual

1A. Basic Installation

Package Contents

After opening the package, check to make sure that you have all the parts shown below.

If any item is missing or broken, please call your service provider's support center.

① TX340G 1x Fixed Wireless Terminal

② CDMA Dual Band Dipole and AGPS Antenna

③ Power Adapter (Input: AC100-240V, 50/60Hz / Output:5V/2A)

④ Backup Battery

⑤ User Manual

⑥ Stand bracket

⑦ RJ-11 Phone Cord

⑧ Home Wiring Line Tester

CAUTION

Use the provided power adapter only. Using other power adapter may cause permanent damage to the terminal.
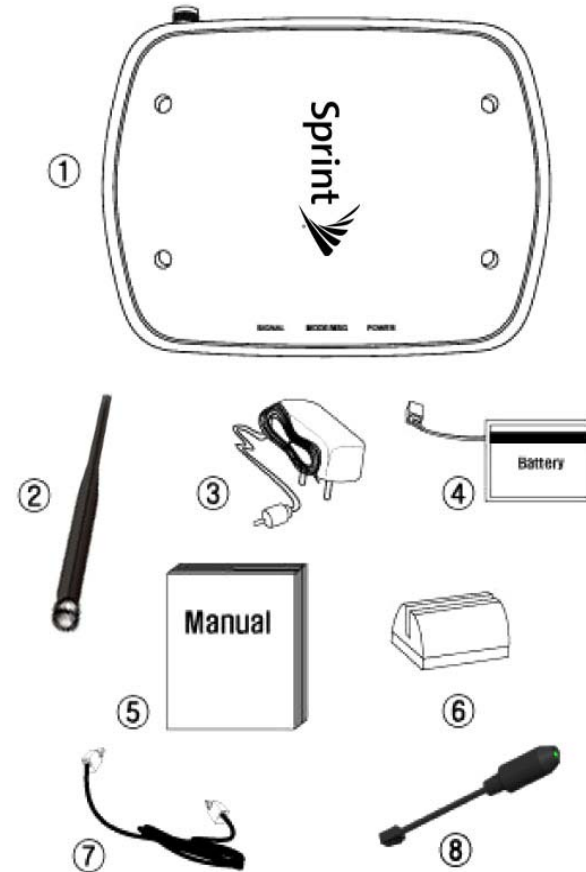
Internal Battery Installation

This TX340G operates by receiving electricity from an electrical outlet or internal battery.

1. Open the battery cover on the bottom side of the terminal.
2. Connect the Battery power cable to the terminal.
3. Insert the battery pack in the right position between the hold bars.
4. Close the battery cover.
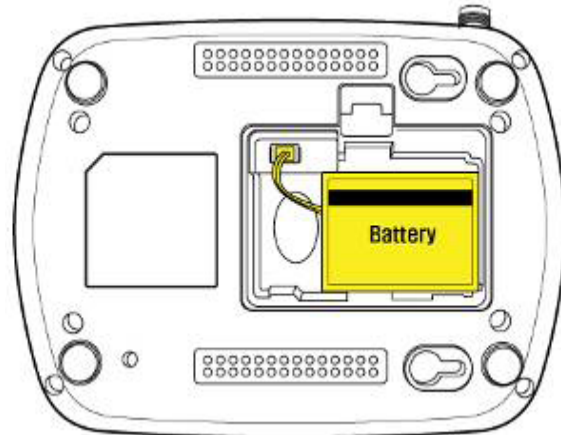
Setting Up The Terminal

1. Connect the antenna by screwing it into the TNC connector on the back of the terminal.
2. Connect a wired or cordless telephone to the terminal using the RJ-11 phone cord.

> **NOTE:** Use wired or cordless telephones compatible to FCC part 68 only. Non-compliant telephones may not work properly.

3. Plug the AC adapter plug into the DC 5V jack of the Terminal.
4. Plug the AC adapter plug into an appropriate electrical outlet.

Connecting the Terminal to Home Phone Wall Outlet.
The TX340G can be connected to a home wall phone jack to generate a dial tone service throughout the entire home and allow users to use phones from any other home wall phone jack. Please verify that the home wall phone jacks do not have existing active telephone service and that they are not powered. Before connecting the terminal to home wall jack, please test with the included **"Wall Jack Tester"**.

Wall Jack Tester *(PSTN Line Tester)*

The wall jack tester will verify if the wall phone jack is powered by existing or previous landline phone service.

> **IMPORTANT NOTE**
>
> DO NOT CONNECT YOUR TERMINAL TO A WALL JACK IF PSTN LINE IS STILL IN SERVICE.
>
> Connecting the terminal to the live wall jack may interfere with the existing phone service and damage the terminal.

1. Plug the tester into the wall jack.

2. If tester's Green colored LED illuminates (ON), your PSTN line is still active and powered. In this case, contact your existing or previous landline phone service provider to disconnect the phone service and power.

> **NOTE:** Alternately, 2-line cross adapter may be used to bypass the powered first phone line. Please see next section, using 2-line cross adapter.

3. If Green colored LED does not illuminate, the wall phone jack is not powered and you can safely connect your terminal to wall jack.

Wall
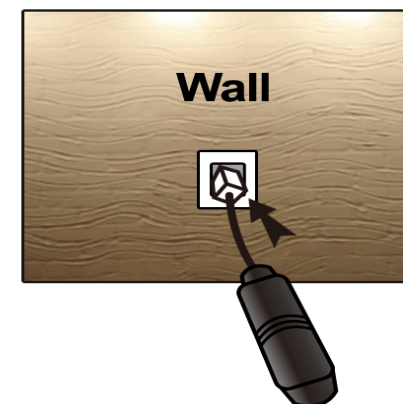
[LED OFF – line is safe to use]

A-GPS for E911

Your terminal supports an A-GPS feature to meet a FCC 911 mandate, which makes the location of the terminal available to 911 operators in the case of emergency situations. During the emergency call, all the LEDs on the terminal will blink and your location can then be determined by the 911 operator.
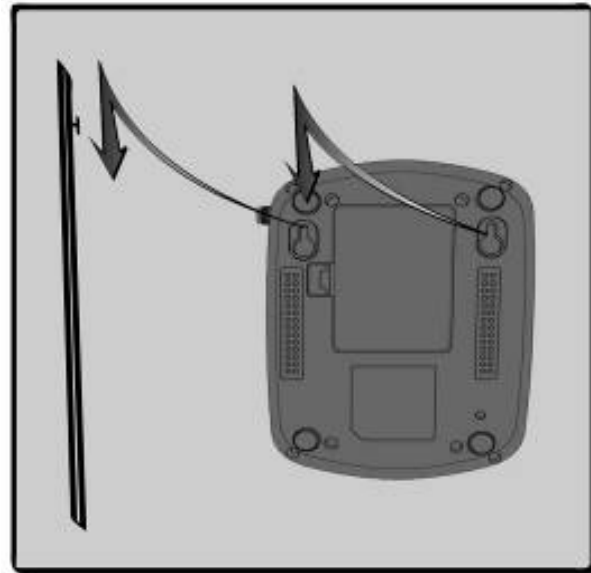
Wall Mount Installation

1. Mark two mounting holes locations on a wall to match the screw holes on the back of the terminal.
2. Drill two holes and put screws at the marked locations.
3. Tighten the screws until the head is about 5mm from the wall.
4. Plug in the AC power connector and route the power cord in the groove, if needed. Connect antenna.
5. Hang the terminal on the screws using the two holes on the back.
6. Push the terminal down until the unit is firmly locked into place.

GETTING TO KNOW THE TERMINAL

LED Indicators

Item	Color	Status	Description
POWER	Green	Solid	In Battery Mode: Fully Charged In Adaptor mode: Connected
	Green	Blinking	Charging
	Orange	Solid	Mid Battery Level
	Orange	Blinking	Battery Error
	Red	Solid	Low Battery
	Red	Blinking	Low Battery Warning
	OFF	-	No Battery
SIGNAL	Green	Solid	Signal>-75db
	Green	Slow Blinking	3S off, 1S on, In Roam status
	Orange	Solid	Good Signal
	Orange	Slow Blinking	3S off, 1S on, In Roam status, Signal>-90db
	Red	Solid	Signal < -90db
	Red	Slow	3S off, 1S on, In Roam

		Blinking	status,Signal<-90db
	OFF	-	No service
MODE/ MSG	Green	Solid	Off-Hook or In Use
	Green	Blinking	Incoming Call
	Orange	Blinking	Voice Mail Waiting
E911 Call	All LEDs	Blinking	All LEDs blink during emergency call

Audible Indicators

Type	Condition	Meaning
Normal dial tone	Freq:350 + 440 Hz Cadence: Continuous Duration: 30s ±2s	The FWT is in-service with adequate receive signal.
No Service tone	Frequency:425Hz Cadence:1.5s on / 0.8s off, 0.33s on / 0.8s off	FWT is not capable of making or receiving calls.
Outgoing call restriction tone	Frequency: 425Hz Cadence:0.8son/o.2soff	FWT is not capable of making calls but is capable of receiving calls.
Howler tone	Frequency:1400+2060/ 2450+2600Hz Cadence:100ms on/ 100ms off	The handset is not properly laid down. Checking the handset.

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2A. Basic Operation/Activation

- ♦ **Power ON / OFF(page17)**
- ♦ **Activation(page17)**
- ♦ **Setting Up Your Voicemail(page18)**
- ♦ **Sprint Account Passwords(page18)**
- ♦ **Getting Help(page19)**
- ♦ **Making Calls(page20)**
- ♦ **Receiving Calls(page20)**
- ♦ **Sound(page21)**
- ♦ **Security(page22)**
- ♦ **TTY/TDD(page24)**

Power ON / OFF

The power switch is located on the back side of the terminal

1. Turn on the unit by moving switch to ON position.
2. Turn off the unit by moving switch to OFF position.

> **NOTE**: When you turn on the terminal, Power LED is Green then turns to Green, Orange or Red depending on battery power .It automatically searches for cellular service.
>
> After successfully acquiring cellular service, the Signal LED turns to Green, Orange or Red depending on signal strength.

Activation

1. Check if the terminal is turned on and setup properly.
2. Check signal LED to ensure the terminal is receiving a good signal.
3. With a house phone connected to the terminal, pick up the handset of the phone.
4. When you hear dial tone, press the Activation sequence **34 000000#.
5. The terminal will begin the Activation process.

> **NOTE: If you purchased your phone at a Sprint Store**, it is probably activated and ready to use.
>
> **If you received your phone in the mail and it is for a new Sprint account or a new line of service**, it is designed to activate automatically. To confirm your activation, make a phone call.
>
> **If you received your phone in the mail and you are activating a new phone for an existing number on your account**, you will need to go online to activate your new phone.
>
> From your computer's Web browser, go to **www.sprint.com/activate** and complete the on screen instructions to activate your phone.
>
> When you have finished, make a phone call to confirm your activation. If your phone is still not activated or you do not have access to the Internet, contact Sprint Customer Service at **1-888-211-4727** for assistance.

Setting Up Your Voicemail

Your phone automatically transfers all unanswered calls to your voicemail, even if your phone is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your phone is activated. Always use a password to protect against unauthorized access.

1. Dial your Sprint voicemail number   .
2. Follow the system prompts to:
   - ➢ Create your password.
   - ➢ Record your name announcement.
   - ➢ Record your greeting.

NOTE: **Voicemail Password**

Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

For more information about using your voicemail, see "Voicemail" on page 27

Sprint Account Passwords

As a Sprint customer, you enjoy unlimited access to your personal account information, your voicemail account, and your data services account. To ensure that no one else has access to your information, you will need to create passwords to protect your privacy.

Account Username and Password

If you are the account owner, you will create an account username and password when you sign on to **www.sprint.com**. (Click **Sign in** and then click **Sign up now!** to get started).If you are not the account owner (if someone else receives the bill for your Sprint service), you can get a sub-account password at **www.sprint.com**.

Voicemail Password

You'll create your voicemail password when you set up your voicemail. See "Setting up Your Voicemail" on page 28 for more information on your voicemail password.

TX340G User Manual

Getting Help

Managing Your Account

Online: **www.sprint.com**

> ➢ Access your account information.
> ➢ Check your minutes used (depending on your Sprint service plan).
> ➢ View and pay your bill.
> ➢ Enroll in Sprint online billing and automatic payment.
> ➢ Purchase accessories.
> ➢ Shop for the latest Sprint phones.
> ➢ View available Sprint service plans and options.
> ➢ Learn more about data services and other products like Sprint Picture Mail, games, ringers, screen savers, and more.

From Your Sprint Phone

> ➢ Press *4 to check minute usage and account balance.
> ➢ Press *3 to make a payment.
> ➢ Press *2 to access a summary of your Sprint service plan or get answers to other questions

From Any Other Phone

> ➢ Sprint Customer Service: **1-888-211-4727**.
> ➢ Business Customer Service: **1-800-927-2199.**

Sprint 411

Sprint 411 gives you access to a variety of services and information, including residential, business, and government listings; movie listings or showtimes; driving directions, restaurant reservations, and major local event information. You can get up to three pieces of information per call, and the operator can automatically connect your call at no additional charge.

There is a per-call charge to use Sprint 411, and you will be billed for airtime.

> ➢ Press 411

Sprint Operator Services

Sprint Operator Services provides assistance when you place collect calls or when you place calls billed to a local telephone calling card or third party.

> ➢ Press 0　.

For more information or to see the latest in products and services, visit us online at **www.sprint.com.**

Making Calls

1. Check if the terminal is turned on.
2. Pick up the handset of the phone.
3. If you hear a dial tone, dial the desired telephone number by using the wired or cordless telephone's keypad.

> **NOTE:** You can dial a phone number with a maximum of 32 digits, including * and #.

4. Wait for about 3 seconds until the call is automatically processed by the terminal. (Auto Dial Time can be configured from 3 seconds to 9 seconds, or turned-off).

> **NOTE:** If "# as Send Key" feature is enabled, press the # button to process the call immediately after entering the dialed number. Default setting is OFF. Please refer to the page 14 for "Using # as Send Key".

5. When the other recipient answers, begin conversation.

> **NOTE:** If Connection Alert is turned on, a beep is heard when the call is connected. The default setting is OFF.

6. To hang up, put the phone receiver back on the phone hook or press the TALK or OFF button on your phone.

Receiving Calls

The wired or cordless telephone(s) connected to the terminal ring when an incoming call comes in.

1. Pick up the phone receiver to answer the call.
2. To disconnect after the call is finished, place the handset on the phone hook or press the TALK or OFF button on your phone.

> **NOTE 1:** If using cordless phone, press TALK or OFF button to answer the phone call. Refer to the cordless phone user manual for instruction.
> **NOTE 2:** Make sure that the attached telephone(s) ringers are enabled.

Sound

Adjusting Voice Volume

You can control the volume level of the terminal.

1. Pick up the handset and listen to the dial-tone.
2. Press **11* to raise the voice volume.
3. Press **11# to lower the voice volume.
4. A confirmation beep will sound.

> **NOTE 1:** Some phones may have their own volume control. Use both the terminal and the phone volume controls to optimize the sound level.
>
> **NOTE 2:** Volume cannot be adjusted while a conversation is in progress.

Adjusting Alert Tone Volume

1. Pick up the handset.
2. Press **12* to raise the alert tone volume.
3. Press **12# to lower the alert tone volume.

Setting One Minute Alert

When this feature is enabled, a discrete tone is generated at each one minute interval on the receiver during a conversation for both incoming and outgoing calls. This tone is to help the user keep track of the phone usage. To change the setting:

1. Pick up the handset.
2. Press **13# to enable the feature.
3. Press **13* to disable the feature.

Setting Voice Privacy Alert

If enabled, a beep is generated when Voice Privacy is on.

To change the setting:
1. Pick up the handset.
2. Press **14# to enable the feature.
3. Press **14* to disable the feature.

Setting Connection Alert

If enabled, a discrete tone is generated on the receiver when a call is connected.

To change the setting:
1. Pick up the handset.
2. Press **15# to enable the feature.
3. Press **15* to disable the feature.

> **NOTE:** The default setting may depend on the service provider.

Setting Auto Send Time

Similar to a landline phone, the terminal automatically makes the call shortly after the user finishes entering the phone number. To change the setting:

1. Pick up the handset.
2. Press **22 Then press 3 ,9 or 0 and press # .

For example, to set the auto-send time to 5 seconds, press **225# .

> **NOTE 1:** 0 value disables auto-send. If disabled, the user must press # to make a call. # functions as a SEND key on the mobile phone. If auto-send time is set to 0, then the # as SEND feature is automatically enabled.
>
> **NOTE 2:** The default auto send time is 3 seconds.

Using # As Send Key

Similar to mobile phones, pressing the # key after entering the phone number can act as SEND key.

This feature can be enabled or disabled. To change the setting:

1. Pick up the handset.
2. Press **23# to enable the feature.
3. Press **23* to disable the feature.

> **NOTE:** The default setting is OFF. If the Auto-Send Time is set as 0, then "# as SEND key" feature is automatically enabled.

Setting DTMF Length

Some ARS (Automatic Response Service) require short or long DTMF tones depending on the system. To change the setting:

1. Pick up the handset.
2. Press **24# to select Short DTMF tone.
3. Press **24* to select Long DTMF tone.

Security

Changing Lock Code

The lock code prevents the terminal from being used by an unauthorized person without permission. The default lock code is 0000 .

To change the lock code:

1. Pick up the handset.
2. Press **31 .
3. Enter the old 4 digit lock code. For example 0000 , a long beep will sound as confirmation. If not correct, an error tone will sound.
4. Enter the new 4 digit lock code followed by # . For example 1234# , a long beep will sound as confirmation.
5. Re-enter the new 4 digit lock code followed by # . For example 1234# , a long beep will sound as confirmation. If not correct, an error tone will sound.

For example, to change the lock code from 0000 to 1234 , press
**31   0000   1234#   1234# .

Restricting Outgoing Calls

This feature can be used to block outgoing calls from being made.
But incoming call can still be received.
To change the setting:
1. Pick up the handset.
2. Press **32 .
3. Enter 4 digit lock code.
4. Press # to enable or * to disable.

> **NOTE 1:** The default lock code is 0000 . To change, refer to "Changing Lock Code" section.
> **NOTE 2:** If someone tries to make a call when outgoing call restriction is enabled, the terminal sounds a beep and howler tone.

Activation/Re-Activation Reset

Reset the user configuration to default settings.
1. Pick up the handset.
2. Press **34 .
3. Enter the 6 digit MSL code.
4. Press # to reset. If not correct, an error tone will sound.

> **NOTE 1:** The default MSL code is 000000.
> **NOTE 2:** Activation/Re-Activation reset includes Moto C24 default settings and send activate command.

Factory Reset

Reset the user configuration to factory default settings.
1. Pick up the handset.
2. Press **35 .
3. Enter the 4 digit lock code.
4. Press # to reset. If not correct, an error tone will sound.

> **NOTE 1:** The default lock code is 0000. To change, refer to "Changing Lock Code" section.
> **NOTE 2:** Factory reset includes auto send time, lock code, call restrictions, caller ID type, voice privacy alert, connection alert and 1 minute alert.

PRL Update

This feature can be used to update PRL.
To change the setting:
1. Pick up the handset.

2. Press **36 .

3. Enter 4 digit lock code.

4. Press # to enable. If not correct, an error tone will sound.

> **NOTE 1:** The default lock code is 0000 . To change, refer to "Changing Lock Code" section.
>
> **NOTE 2:** Need good signal can update PRL to succeed.

TTY/TDD

Mode Setting

To use the TTY/TDD feature, refer to following instruction. The default setting is OFF.

1. Connect the TTY/TDD phone to the terminal through the RJ-11 jack.

2. Pick up the handset.

3. Press **410# for TTY Full Mode.

4. Press **411# for TTY Talk Mode.

5. Press **412# for TTY Hear Mode.

6. Press **413# for Off.

> **NOTE 1:** For the detailed instructions, contact your service provider.
>
> **NOTE** 2: Some TTY device may not generate the DTMF tone for * and #, which is necessary to change the TTY/TDD mode. In such case, please use regular analog phone to enter the mode change key sequence.

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3A. Advanced Features

- ♦ **Call ID(page26)**
- ♦ **Call Waiting(page27)**
- ♦ **Three-Way Calling(page27)**
- ♦ **Voice Mail Service(page27)**
- ♦ **Troubleshooting(page29)**
- ♦ **Specifications(page29)**

Call ID

Caller ID allows people to identify a caller before answering the phone by displaying the number of the incoming call. If you do not want your number displayed when you make a call, follow these steps.

1. Press *67.
2. Enter a phone number.

To permanently block your number, call Sprint Customer Service.

Setting Caller ID Mode

If your phone connected to the terminal is caller ID enabled, you can set the terminal to display the caller identification number or name on the LCD display of the wired or cordless phone.

To change the setting:

1. Pick up the handset.
2. Press **210# to disable the Caller ID feature.
3. Press **211# to enable DTMF Standard type.
4. Press **212# to enable FSK (Bellcore) type.

> **NOTE:** The default setting of Caller ID is FSK.

Call Waiting ID

The Call Waiting ID feature allows the display of the second caller's number while already in a conversation (call waiting). This feature works only with FSK Caller ID setting. In order to use this feature, the corded/cordless phone must support caller ID and call waiting ID, also known as type II caller identification.

Caller Name Display

This feature allows the display of the caller's name on the corded or cordless phones that support alpha-numeric display for caller name display. This is a network dependent feature and works only if your service provider supports it. This feature may require an upgrade to premium service or an additional fee.

Call Waiting

Call Waiting is a feature which enables you to be alerted to a second incoming call when you are already on a phone call. Your service provider may or may not provide this feature. Please contact with your service provider to inquire. To use call waiting:
1. You will hear a beep from the earpiece when a second call is incoming.
2. Press the hook or press the FLASH key to answer to the second call.
3. Press the hook again or press the FLASH key to return to the first call.

Three-Way Calling

Three-Way Calling is a feature that enables you to set up a three-way conversation with two other callers. Your service provider may or may not provide this feature. Please contact with your service provider to inquire. To use three-way calling:
1. Place a call, after answering.
2. Place a second call: press the hook or FLASH key, input numbers then press the hook or FLASH key again to dial-out the number.
3. When the second call is answered, press the hook or press the FLASH key to start a three-way call.

Voice Mail Service

When you receive voice message(s), the MODE/MSG LED will blink orange in color on the terminal. When you lift the receiver, a stuttered voice message tone will be heard. Once your voice messages are checked and deleted, the LED turns off and the shuttered dial tone will return to a steady tone after few seconds. The Voice mail feature may not be part of your service, so please check with your service provider.

Setting Up Voice/Accessing your Voice Mail service

Please check with your service provider for the voice mail access number.

Your terminal automatically transfers all unanswered calls to your voicemail, even if your terminal is in use or turned off. You should set up your Sprint Voicemail and personal greeting as soon as your terminal is activated.

Always use a password to protect against unauthorized access.

1. Dial the voice mail access number as normal phone number.
2. Follow the system prompts to:
   - ➢ Create your password.
   - ➢ Record your name announcement.
   - ➢ Record your greeting.

> **NOTE**: **Voicemail Password**
> Sprint strongly recommends that you create a password when setting up your voicemail to protect against unauthorized access. Without a password, anyone who has access to your phone is able to access your voicemail messages.

The MODE/MSG LED will blink orange in color.
When you lift the receiver, a stuttered voice message tone will be heard.

Retrieving Your Voicemail Messages

You can review your messages directly by dialing your voicemail number.

Using Another Phone to Access Messages

1. Dial your voicemail number (your phone number)
2. When your voicemail answers, press * (the star key)
3. Enter your password.

Follow the voice instruction to listen and delete the messages.

> **NOTE:** Initially, you may need to set-up voice mail. Follow the voice instructions to set-up the voice mail service.

Troubleshooting

Problem: I Can't Place a Call

1. Check the Terminal's Power LED to make sure the Terminal is ON.

2. Check the antenna to make sure it is tightly connected to the Terminal.

3. Check the phone cord to make sure it is properly connected between the Terminal's RJ-11 port and the Telephone's RJ-11 port.

4. In case that the telephone isn't functioning properly, try connecting the Terminal to a different telephone.

5. If you perform all of the above steps and still can't make a call, contact your service provider.

Problem: I Can't Receive a Call

1. Check the handset to make sure it is placed properly on the cradle.

2. Check the Terminal's Power LED to make sure the Terminal is ON.

3. Check the antenna to make sure it is tightly connected to the Terminal.

4. If you perform all of the above steps and still can't receive a call, contact your service provider.

Problem: No Power

1. Make sure the power adapter (or External Power Supply) is securely connected between the electrical outlet and the Terminal.

2. Make sure a back-up battery is properly connected to the Terminal. (Refer to Basic Installation section, Page 9)

3. When using in battery-only mode, make sure the back-up battery is fully charged. To view the charge level, check the Terminal's power LED. (Refer to LED Indicators section, Page 14)

4. Make sure the power switch is in the ON position. The power switch is located on the back side of the Terminal.

Problem: No Signal

If you don't hear any dial tone through the handset and RSSI (Received Signal Strength Indication) LED is OFF,

1. Check the Terminal's Power LED to make sure it is ON.

2. Make sure your telephone is operational.

3. Make sure the antenna is tightly connected to the Terminal.

If the Terminal is powered on and the antenna is properly connected to the Terminal but you still don't hear a dial tone or see a light on the RSSI LED, contact your service provider.

Specifications

Item	Description	Remark
Air Interface	CDMA2000 1X	
RF Module	Motorola C24	
RF Frequency	800MHz/1900Mhz	Dual band
LED Indicator	- 3 multi color - POWER,SIGNAL and MODE/MSG	Green, Orange, Red, Off
Interface	- 2 RJ-11 Ports (bridged), Max 4 REN - DC power Jack - Power ON/OFF Switch - TNC Connector for CDMA antenna with GPS antenna	
Special Feature	AGPS for E911 Service Automatic Sending Caller ID(DTMF, Bellcore)	
Tone	Dial, No service, Howler, Alert, Stutter, Menu OK, Menu NOK	
Call feature	Hook Flash Call Waiting Call Forwarding Three-way Calling	
Battery	- Li-ion rechargeable battery - Capacity :1800mAh	

	(Standard) * Stand by time: >10 hrs, 24 preferred * Talk time: >1.5 hrs, 3 preferred	
Power Adapter	- Input: AC100-240V, 50/60Hz - Output:5V/ 2A	
Dimension	- Size: 165 X 158 X 26 (mm) - Weight: 310g	With standard battery
Operating Condition	- Temperature: -20℃ ~ 60℃ - Relative humidity : 10~95% - Air pressure : 86~106kpa	

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Sprint

4A. Important Safety Information

This booklet contains important operational and safety information that will help you safely use your device. Failure to read and follow the information provided in this phone guide may result in serious bodily injury, death, or property damage.

General Precautions

There are several simple guidelines to operating your device properly and maintaining safe, satisfactory service.

● Avoid exposing your device and accessories to rain or liquid spills. If your device does get wet, immediately turn the power off and remove the battery.

● Do not expose your device to direct sunlight for extended periods of time.

● Although your device is quite sturdy, it is a complex piece of equipment and can be broken. Avoid dropping, hitting, bending, or sitting on it.

● Any changes or modifications to your device not expressly approved in this document could void your warranty for this equipment and void your authority to operate this equipment.

Note: For the best care of your device, only Sprint-authorized personnel should service your device and accessories. Failure to do so may be dangerous and void your warranty.

Maintaining Safe Use of and Access to Your Device

Following Safety Guidelines

To operate your device safely and efficiently, always follow any special regulations in a given area. Turn your device off in areas where use is forbidden or when it may cause interference or danger.

Using Your Device Near Other Electronic Devices

Most modern electronic equipment is shielded from radio frequency (RF) signals. However, RF signals from wireless device may affect inadequately shielded electronic equipment.

RF signals may affect improperly installed or inadequately shielded electronic operating systems or entertainment systems in motor vehicles. Check with the manufacturer or their representative to determine if these systems are adequately shielded from external RF signals. Also check with the manufacturer regarding any equipment that has been added to your vehicle.

Consult the manufacturer of any personal medical devices, such as pacemakers and hearing aids, to determine if they are adequately shielded from external RF signals.

Turning Off Your Device in Dangerous Areas

To avoid interfering with blasting operations, turn your device off when in a blasting area or in other areas with signs indicating twoway radios should be turned off. Construction crews often use remote-control RF devices to set off explosives.

Turn your device off when you're in any area that has a potentially explosive atmosphere. Although it's rare, your device and accessories could generate sparks. Sparks can cause an explosion or fire, resulting in bodily injury or even death. These areas are often, but not always, clearly marked. They include:

- Fueling areas such as gas stations.
- Below deck on boats.
- Fuel or chemical transfer or storage facilities.
- Areas where the air contains chemicals or particles such as grain, dust, or metal powders.
- Any other area where you would normally be advised to turn off your vehicle's engine.

Restricting Children's Access to Your Device

Your device is not a toy. Do not allow children to play with it as they could hurt themselves and others, damage the device or make calls that increase your Sprint invoice.

Caring for the Battery

Protecting Your Battery

The guidelines listed below help you get the most out of your battery's performance.

- Recently there have been some public reports of wireless device batteries overheating, catching fire, or exploding. It appears that many, if not all, of these reports involve counterfeit or inexpensive, aftermarket-brand batteries with unknown or questionable manufacturing standards. Sprint is not aware of similar problems with Sprint device resulting from the proper use of batteries and accessories approved by Sprint or the manufacturer of your device. Use only Sprint-approved or manufacturer-approved batteries and accessories found at Sprint Stores or through your device's manufacturer, or call 1-866-866-7509 to order. They're also available at www.sprint.com/accessories. Buying the right batteries and accessories is the best way to ensure they're genuine and safe.
- In order to avoid damage, charge the battery only in temperatures that range from 32° F to 113° F (0° C to 45° C).
- Don't use the battery charger in direct sunlight or in high humidity areas, such as the bathroom.
- Never dispose of the battery by incineration.
- Keep the metal contacts on top of the battery clean.
- Don't attempt to disassemble or short-circuit the battery.
- The battery may need recharging if it has not been used for a long period of time.
- It's best to replace the battery when it no longer provides acceptable performance. It can be recharged hundreds of times before it needs replacing.
- Don't store the battery in high temperature areas for long periods of time. It's best to follow these storage rules:
  - Less than one month:

-4° F to 140° F (-20° C to 60° C)
  - More than one month:
-4° F to 113° F (-20° C to 45° C)

Disposal of Lithium Ion (Li-Ion) Batteries

Do not handle a damaged or leaking Li-Ion battery as you can be burned. For safe disposal options of your Li-Ion batteries, contact your nearest Sprint authorized service center.

Special Note: Be sure to dispose of your battery properly. In some areas, the disposal of batteries in household or business trash may be prohibited.

Radio Frequency (RF) Energy

Understanding How Your Device Operates

Your device is basically a radio transmitter and receiver. When it's turned on, it receives and transmits radio frequency (RF) signals. When you use your device, the system handling your call controls the power level. This power can range from 0.006 watt to 0.2 watt in digital mode.

Knowing Radio Frequency Safety

The design of your device complies with updated NCRP standards described below.

In 1991–92, the Institute of Electrical and Electronics Engineers (IEEE) and the American National Standards Institute (ANSI) joined in updating ANSI's 1982 standard for safety levels with respect to human exposure to RF signals. More than 120 scientists, engineers and physicians from universities, government health agencies and industries developed this updated standard after reviewing the available body of research. In 1993, the Federal Communications Commission (FCC) adopted this updated standard in a regulation. In August 1996, the FCC adopted hybrid standard consisting of the existing ANSI/IEEE standard and the guidelines published by the National Council of Radiation Protection and Measurements (NCRP).

FCC Regulations

●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.

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

●The antenna(s) used for this transmitter must not be co-located or operating in conjunction with any other antenna or transmitter.

RF Exposure Information (SAR)

This device meets the government's requirements for exposure to radio waves.

This device designed and manufactured not to exceed the emission limits for exposure to radio frequency (RF) energy set by the Federal Communications Commission of the U.S. Government.

The exposure standard for wireless mobile phones employs a unit of measurement known as the Specific Absorption Rate, or SAR. The SAR limit set by the FCC is 1.6W/kg. *Tests for SAR are conducted using standard operating positions accepted by the FCC with the phone transmitting at its highest certified power level in all tested frequency bands. Although the SAR is determined at the highest certified power level, the actual SAR level of the phone while operating can be well below the maximum value. This is because the phone is designed to operate at multiple power levels so as to use only the poser required to reach the network. In general, the closer you are to a wireless base station antenna, the lower the power output.

The highest SAR value for the device as reported to the FCC when worn on the body, as described in this user guide, Is 0.495W/kg (Body-worn measurements differ among phone models, depending upon available accessories and FCC requirements.)

While there may be differences between the SAR levels of various phones and at various positions, they all meet the government requirement.

The FCC has granted an Equipment Authorization for this model phone with all reported SAR levels evaluated as in compliance with the FCC RF exposure guidelines.   SAR information on this device is on file with the FCC and can be found under the Display Grant section of www.fcc.gov/oet/ea/fccid after searching on FCC ID: PH7TX340G

For body worn operation, this device has been tested and meets the FCC RF exposure guidelines for use with an accessory that contains no metal

and the positions the handset a minimum of 1 cm from the body.   Use of other accessories may not ensure compliance with FCC RF exposure guidelines.

Owner's Record

The model number, regulatory number, and serial number are located on a nameplate next to the battery compartment. Record the serial number in the space provided below. This will be helpful if you need to contact us about your device in the future.
Model: PCDTX340GT
Serial No.:

4B. Manufacturer's Warranty

♦ **Manufacturer's Warranty(page37)**

TX340G FWT has been designed to provide you with reliable, worry-free service. If for any reason you have a problem with your equipment, please refer to the manufacturer's warranty in this section.

For information regarding the terms and conditions of service for your TX340G FWT, please visit www.sprint.com or call Sprint Customer Service at 1-888-211-4727.

> *Note:* In addition to the warranty provided by your TX340G's manufacturer, which is detailed on the following pages, Sprint offers a number of optional plans to cover your equipment for non-warranty claims. **Sprint Total Equipment Protection** provides the combined coverage of the **Sprint Equipment Replacement Program** and the **Sprint Equipment Service and Repair Program**, both of which are available separately. Each of these programs may be signed up for within 30 days of activating your phone. For more details, please visit your nearest Sprint Store or call Sprint at **1-800-584-3666.**

Manufacturer's Warranty

Personal Communications Devices, LLC (the Company) warrants to the original retail purchaser of this handheld portable cellular telephone that should this product or any part thereof during normal consumer usage and conditions, be proven defective in material or workmanship that results in product failure within the first ninety (90) day period from the date of purchase, such defect(s) will be repaired or replaced (with new or rebuilt parts) at the Company's option, without charge for parts or labor directly related to the defect(s).The antenna, keypad, display, rechargeable battery and battery charger, if included, are similarly warranted for ninety (90) days from date of purchase.

This Warranty extends only to consumers who purchase the product in the United States or Canada and it is not transferable or assignable. This Warranty does not apply to:

(a) Product subjected to abnormal use or conditions, accident, mishandling, neglect, unauthorized alteration, misuse, improper installation or repair or improper storage;

(b) Product whose mechanical serial number or electronic serial number has been removed, altered or defaced.

(c) Damage from exposure to moisture, humidity, excessive temperatures or extreme environmental conditions;

(d) Damage resulting from connection to, or use of any accessory or other product not approved or authorized by the Company;

(e) Defects in appearance, cosmetic, decorative or structural items such

as framing and non-operative parts;
(f) Product damaged from external causes such as fire, flooding, dirt, sand, weather conditions, battery leakage, blown fuse, theft or improper usage of any electrical source.

The Company disclaims liability for removal or reinstallation of the product, for geographic coverage, for inadequate signal reception by the antenna or for communications range or operation of the cellular system as a whole. When sending your wireless device to Personal Communications Devices, LLC for repair or service, please note that any personal data or software stored on the device may be inadvertently erased or altered.   Therefore, we strongly recommend you make a back up copy of all data and software contained on your device before submitting it for repair or service. This includes all contact lists, downloads (i.e., third-party software applications, ringtones, games and graphics) and any other data added to your device. In addition, if your wireless device uses a SIM or Multimedia card, please remove the card before submitting the device and store for later use when your device is returned, Personal Communications Devices, LLC is not responsible for and does not guarantee restoration of any third-party software, personal information or memory data contained in, stored on, or integrated with any wireless device, whether under warranty or not, returned to Personal Communications Devices, LLC for repair or service. To obtain repairs or replacement within the terms of this Warranty, the product should be delivered with proof of Warranty coverage (e.g., dated bill of sale), the consumer's return address, daytime phone number and/or fax number and complete description of the problem, transportation prepaid, to the

Company at the address shown below or to the place of purchase for repair or replacement processing. In addition, for reference to an authorized Warranty station in your area, you may telephone in the United States (800) 229-1235, and in Canada (800) 465-9672 (in Ontario call 416-695-3060).

THE EXTENT OF THE COMPANY'S LIABILITY UNDER THIS WARRANTY IS LIMITED TO THE REPAIR OR REPLACEMENT PROVIDED ABOVE AND, IN NO EVENT, SHALL THE COMPANY'S LIABILITY EXCEED THE PURCHASE PRICE PAID BY PURCHASER FOR THE PRODUCT.ANY IMPLIED WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, SHALL BE LIMITED TO THE DURATION OF THIS WRITTEN WARRANTY. ANY ACTION FOR BREACH OF ANY WARRANTY MUST BE BROUGHT WITHIN A PERIOD OF 18 MONTHS FROM DATE OF ORIGINAL PURCHASE. IN NO CASE SHALL THE COMPANY BE LIABLE FOR ANY SPECIAL CONSEQUENTIAL OR INCIDENTAL DAMAGES FOR BREACH OF THIS OR ANY OTHER WARRANTY, EXPRESS OR IMPLIED, WHATSOEVER. THE COMPANY SHALL NOT BE LIABLE FOR THE DELAY IN RENDERING SERVICE UNDER THIS WARRANTY OR LOSS OF USE DURING THE TIME THE PRODUCT IS BEING REPAIRED OR REPLACED.

No person or representative is authorized to assume for the Company any liability other than expressed herein in connection with the sale of this product. Some states or provinces do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental

or consequential damage so the above limitation or exclusions may not apply to you. This Warranty gives you specific legal rights, and you may also have other rights, which vary from state to state or province to province.

IN USA: Personal Communications Devices, LLC
555 Wireless Blvd.
Hauppauge, NY 11788
(800) 229-1235

IN CANADA: PCD Communications Canada, LTD
5535 Eglinton Avenue West
Suite# 234
Toronto, ON M9C 5K5
(800) 465-9672

Index

Note: the red part is the port only for engineering test use but the ender user will not use.

TX340G User Manual