User Guide

Kyocera
K112
Kyocera K110 Series

- Phone Image Here -

KYOCERA

User Guide for the Kyocera K112 phone

This manual is prepared based on the production version of the Kyocera K112 phone. Changes to the software may have occurred subsequent to the printing of this manual. Kyocera reserves the right to make changes to the technical and product specifications without prior notice. The products and equipment described in this documentation are manufactured under license from QUALCOMM Incorporated under one or more of the following U.S. patents:

4,901,307	5,056,109	5,099,204	5,101,501	5,103,459
5,107,225	5,109,390	5,193,094	5,228,054	5,257,283
5,265,119	5,267,261	5,267,262	5,280,472	5,283,536
5,289,527	5,307,405	5,309,474	5,337,338	5,339,046
5,341,456	5,383,219	5,392,287	5,396,516	D356,560
5,408,697	5,414,728	5,414,796	5,416,797	5,426,392
5,437,055	D361,065	5,442,322	5,442,627	5,452,473
5,461,639	5,469,115	5,469,471	5,471,497	5,475,870
5,479,475	5,483,696	5,485,486	5,487,175	5,490,165
5,497,395	5,499,280	5,504,773	5,506,865	5,509,015
5,509,035	5,511,067	5,511,073	5,513,176	5,515,177
5,517,323	5,519,761	5,528,593	5,530,928	5,533,011
5,535,239	5,539,531	5,544,196	5,544,223	5,546,459
5,548,812	5,559,881	5,559,865	5,561,618	5,564,083
5,566,000	5,566,206	5,566,357	5,568,483	5,574,773
5,574,987	D375,740	5,576,662	5,577,022	5,577,265
D375,937	5,588,043	D376,804	5,589,756	5,590,069
5,590,406	5,590,408	5,592,548	5,594,718	5,596,570
5,600,754	5,602,834	5,602,833	5,603,096	5,604,459
5,604,730	5,608,722	5,614,806	5,617,060	5,621,752
5,621,784	5,621,853	5,625,876	5,627,857	5,629,955
5,629,975	5,638,412	5,640,414	5,642,398	5,644,591
5,644,596	5,646,991	5,652,814	5,654,979	5,655,220
5,657,420	5,659,569	5,663,807	5,666,122	5,673,259
5,675,581	5,675,644	5,680,395	5,687,229	D386,186
5,689,557	5,691,974	5,692,006	5,696,468	5,697,055
5,703,902	5,704,001	5,708,448	5,710,521	5,710,758
5,710,768	5,710,784	5,715,236	5,715,526	5,722,044
5,722,053	5,722,061	5,722,063	5,724,385	5,727,123
5,729,540	5,732,134	5,732,341	5,734,716	5,737,687
5,737,708	5,742,734	D393,856	5,748,104	5,751,725
5,751,761	5,751,901	5,754,533	5,754,542	5,754,733
5,757,767	5,757,858	5,758,266	5,761,204	5,764,687
5,774,496	5,777,990	5,778,024	5,778,338	5,781,543
5,781,856	5,781,867	5,784,406	5,784,532	5,790,589
5,790,632	5,793,338	D397,110	5,799,005	5,799,254
5,802,105	5,805,648	5,805,843	5,812,036	5,812,094
5,812,097	5,812,538	5,812,607	5,812,651	5,812,938
5,818,871	5,822,318	5,825,253	5,828,348	5,828,661
5,835,065	5,835,847	5,839,052	5,841,806	5,842,124
5,844,784	5,844,885	5,844,899	5,844,985	5,848,063
5,848,099	5,850,612	5,852,421	5,854,565	5,854,786
5,857,147	5,859,612	5,859,838	5,859,840	5,861,844
5,862,471	5,862,474	5,864,760	5,864,763	5,867,527
5,867,763	5,870,427	5,870,431	5,870,674	5,872,481
5,872,774	5,872,775	5,872,823	5,877,942	5,878,036
5,870,631	5,881,053	5,881,368	5,884,157	5,884,193
5,884,196	5,892,178	5,892,758	5,892,774	5,892,816
5,892,916	5,893,035	D407,701	5,898,920	5,903,554
5,903,862	D409,561	5,907,167	5,909,434	5,910,752
5,911,128	5,912,882	D410,893	5,914,950	5,915,235
5,917,708	5,917,811	5,917,812	5,917,837	5,920,284
D411,823	5,923,650	5,923,705	5,926,143	5,926,470
5,926,500	5,926,786	5,930,230	5,930,692	

Other patents pending.

82-Kxxxx-1, Rev X1

additional protection for the public and to account for any variations in measurements.

Caution

The user is cautioned that changes or modifications not expressly approved by the party responsible for compliance could void the warranty and user's authority to operate the equipment.

Warning

Use only Kyocera approved accessories with Kyocera phones. Use of any unauthorized accessories (includes faceplates/front housings) may be dangerous and will invalidate the phone warranty if said accessories cause damage or a defect to the phone.

Optimize your phone's performance

Use the guidelines on page 2 to learn how to optimize the performance and life of your phone, antenna, and battery.

Air bags

If you have an air bag, DO NOT place installed or portable phone equipment or other objects over the air bag or in the air bag deployment area. If equipment is not properly installed, you and your passengers risk serious injury.

Medical devices

Pacemakers—Warning to pacemaker wearers: wireless phones, when in the 'on' position, have been shown to interfere with pacemakers. The phone should be kept at least six (6) inches away from the pacemaker to reduce risk.

The Health Industry Manufacturers Association and the wireless technology research community recommend that you follow these guidelines to minimize the potential for interference.

- Always keep the phone at least six inches (15 centimeters) away from your pacemaker when the phone is turned on.
- Do not carry your phone near your heart.
- Use the ear opposite the pacemaker.
- If you have any reason to suspect that interference is taking place, turn off your phone immediately.

Hearing aids—Some digital wireless phones may interfere with hearing aids. In the event of such interference, you may want to consult your service provider or call the customer service line to discuss alternatives.

Other medical devices—If you use any other personal medical device, consult the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

In health care facilities—Turn your phone off in health care facilities when instructed. Hospitals and health care facilities may be using equipment that is sensitive to external RF energy.

Potentially unsafe areas

Posted facilities—Turn your phone off in any facility when posted notices require you to do so.

Aircraft—FCC regulations prohibit using your phone on a plane that is in the air. Turn your phone off before boarding aircraft.

Vehicles—RF signals may affect improperly installed or inadequately shielded electronic systems in motor vehicles. Check with the manufacturer of the device to determine if it is adequately shielded from external RF energy. Your physician may be able to help you obtain this information.

Blasting areas—Turn off your phone where blasting is in progress. Observe restrictions, and follow any regulations or rules.

Potentially explosive atmospheres–Turn off your phone when you are in any area with a potentially explosive atmosphere. Obey all signs and instructions. Sparks in such areas could cause an explosion or fire, resulting in bodily injury or death.

Areas with a potentially explosive atmosphere are often, but not always, clearly marked. They include:
• fueling areas such as gas stations
• below deck on boats
• transfer or storage facilities for fuel or chemicals
• vehicles using liquefied petroleum gas, such as propane or butane
• 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 engine

Use with care
Use only in normal position (to ear). Avoid dropping, hitting, bending, or sitting on the phone.

Keep phone dry
If the phone gets wet, turn the power off immediately and contact your dealer. Water damage may not be covered under warranty.

Resetting the phone
If the screen seems frozen and the keypad does not respond to keypresses, reset the phone by completing the following steps:

1. Remove the RUIM card cover.

2. Cover back the RUIM card cover.

If the problem persists, return the phone to the dealer for service.

Qualified service
If you are experiencing problems with your phone, see "Getting Help" on page 37. If you have additional questions, contact your service provider for technical support. If the problem persists, return the phone with all accessories and packaging to the dealer for qualified service.

Accessories
Use only Kyocera-approved accessories with Kyocera phones. Use of any unauthorized accessories may be dangerous and will invalidate the phone warranty if the said accessories cause damage or a defect to the phone.

To shop online for a Hands-free Car Kit and other phone accessories, visit **www.kyocera-wireless.com/store**

To order by phone, call (800) 349-4188 (U.S.A. only) or (858) 882-1410.

Radio Frequency (RF) energy
Your telephone is a radio transmitter and receiver. When it is on, it receives and sends out RF energy. Your service provider's network controls the power of the RF signal. This power level can range from 0.006 to 0.6 watts.

In August 1996, the U.S. Federal Communications Commission (FCC) adopted RF exposure guidelines with safety levels for hand-held wireless phones. These guidelines are consistent with the safety standards previously set by both U.S. and international standards bodies in the following reports:
• ANSI C95.1
  (American National Standards Institute, 1992)
• NCRP Report 86 (National Council on Radiation Protection and Measurements, 1986)
• ICNIRP (International Commission on Non-Ionizing Radiation Protection, 1996)

Your phone complies with the standards set by these reports and the FCC guidelines.

E911 Mandates
Where service is available, this handset complies with the Phase I E911 Mandates issued by the FCC.

Battery and charger specifications

Charger	Input	Output
CV90-60859-1		5.2V 400mA
Standard Battery: 3.6V / 900mAh		

△ **093 453 037**

Contents

1   GETTING STARTED

This document describes the Kyocera K112 phone, with CDMA digital and analog service at 800 MHz.

Your phone comes with an integrated, rechargeable Lithium Ion (LiIon) battery, which is not fully charged.

Inserting your RUIM card

The RUIM card is supplied by your service provider when you register as a user. It contains all the important data pertaining to your line.

1. Hold the phone face down.

2. Remove the RUIM card cover located at the lower end of the phone by sliding it out.

3. Slide the RUIM card into its compartment with the metal contacts facing down and the cut corner to the left.

4. Slide back the RUIM card cover fully until it latches, so that the RUIM card can be properly activated during power on.
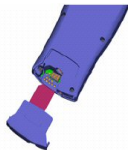
Important: Make sure that the phone is switched off and is disconnected from the charger before you insert and remove your RUIM card.

Charging the battery

Fully charge the new battery for approximately 12 hours before using the phone for the first time.

To charge the battery, connect the AC adapter to the jack located at the bottom left of the phone (as shown), then connect the adapter's plug to an AC wall outlet.

The battery icon at the top-right corner of the screen tells you whether the phone is:

- Charging (animated icon)
- Partially charged ▮▮
- Fully charged ▮▮▮

Recharging the battery

You can safely recharge the battery at any time, even if it has a partial charge.

Caring for the battery

This section describes important safety information and tips for improving battery performance.

General safety guidelines

This phone contains integrated Li-Ion battery,

- Do not attempt to open the battery compartment and dismantle, puncture, or short-circuit the battery.
- If you have not used the battery for more than a month, recharge it before using your phone.
- Avoid exposing the phone to extreme temperatures, direct sunlight, or high humidity.
- Never dispose of used batteries in or near a fire. It could lead to explosion. Check with your local regulations for proper disposal instructions.
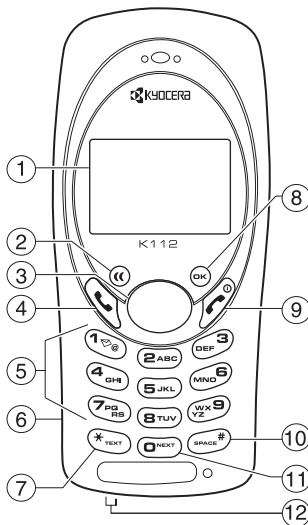
Common causes of battery drain

The following operations drain the battery more quickly and thereby adversely affect talk and standby times:

- Playing games frequently.
- Frequent use of the backlights.
- Using data cables or accessories, such as the Hands-free headset.
- Operating when no service is available, or service is available intermittently.
- High earpiece and ringer volume settings.
- Unacknowledged voicemail and text message alerts.

Getting to know your phone

1. **Home screen**. Press **OK** (item 8) to select **Menu**.

2. **<<** key erases the last character in text entry, or returns to the previous menu.

3. **Navigation key** (four directions) scrolls through lists. and positions the cursor during text entry. Also access shortcuts from the home screen..

4. **Send/Talk key** Dials a number or answer a call.

5. **Keypad** for entering enter numbers, letters, or symbols.

6. **Jack** for Hands-free Headset (sold separately).

7. *** Text** key switches between upper and lower case during text entry.

8. **OK key** selects a menu item or option.

9. **End/Power** key turns the phone on or off, ends a call, or returns you to the home screen.

10. **# Space** key inserts a space during text entry.

11. **0** key

12. **Jack** for AC adapter (included).

⚠ **Warning:** Inserting an accessory into the incorrect jack will damage the phone.

Performing basic functions

To...	From the home screen...
Turn on the phone	Press $\mathscr{D}$.
Turn off the phone	Press and hold $\mathscr{D}$ for approximately 3 seconds.
Make a call	Enter the number using the alphanumeric keypad and press $\mathscr{S}$.
End a call	Press $\mathscr{D}$.
Answer a call	Press $\mathscr{S}$.
Verify Own Number	Select **Menu** → **Phone Info**.
Access voicemail	Press and hold $\bigcirc$ and follow the system prompts.
Lock the keypad	Press and hold $\ll$.
Unlock the keypad	Press $\bigcirc$ $\bigcirc$ $\bigcirc$
Access the All Contacts list	Press $\bigodot$ right.
Mute all sounds	Press and hold $\bigodot$ up.
Access Recent Calls list	Press $\bigodot$ left.

Using the menus

The contents of the main menu are as follows:

Settings	**Contacts**	**Recent Calls**	**Messages**	**Extras**
Silence All	Find	Missed Calls	Voice Mail	Games
Auto Key Guard	View All	Incoming Calls	InBox	Stop Watch
Sound	Business	Outgoing Calls	Create Message	Alarm
Display	Personal		Preformatted	Scheduler
Alert	Add New		Messages	Calculator
Call Timers	Add to RUIM		OutBox & RUIM	
Security	Speed Dial List		Erase Messages	**Phone Info**
Accessories	RUIM		Message Settings	List Own Number
Sys/Network	Fixed Dialing			
	Numbers			

To use menus:

- Press ⓞⓚ to select **Menu**.
- Press ⓞⓚ to select a menu item or soft key.

Under Large Icon Menu display, press left or right to scroll through the menus.

- Press ⊙ left or right to scroll through the menus.

Under Small Icon Menu display, press up or down to scroll through the menus. See "Changing the main menu view" on page 30.

- Press ⊙ up or down to view menu items.
- Press ⊙ right or left to access soft keys.

- Press ⊘ to go up a menu level.
- Press ⓟ to return to the home screen.
- In this guide, the use of an arrow → tells you to select an option from the menu. For example, **Menu → Settings** means select **Menu**, then select the **Settings** option.
- The instructions in this guide assume that your menu appears in icons. To change your menu display so that it appears as a list select **Menu → Settings → Display → Menu Format → Small Icons**.

Understanding screen icons

These icons may appear on the screen of your phone.

♤	The alarm is set.
A	The phone is operating in analog mode.
D	The phone is operating in CDMA digital mode.
▥	Battery power indicator. The more black bars, the greater the charge.
▼ıll	The phone is receiving a signal. You can make and receive calls. The more the bars, the stronger the signal.
✆	A call is in progress.
✆	A call is in progress with voice privacy activated.
🔒	The phone is locked.
✉	You have a text message, voice mail or page.
▼×	No service is available.
R	The phone is roaming outside of its home service area.
♫	The phone vibrates or lights up instead of ringing.
✉	You have one or more voice mails.

2   MAKING AND RECEIVING CALLS

Making a call

1. Make sure you are in an area where the signal can be received. Look for the $\bar{Y}_{\text{III}}$ symbol on the home screen.

   Note: The more bars you see in this symbol, the stronger the reception. If there are no bars, try to move to where the reception is better. In some cases, this can be as simple as changing the direction you are facing.

   The phone will go into power save mode when it is left idle for 5 minutes. If you see the message "POWER SAVE" on the screen, press any key to return to the idle screen.

2. Enter the phone number.

3. Press $\otimes$ to dial the number.

4. Press $\mathscr{P}$ to end the call.

Redialing a number

To redial the last number called, press $\otimes$ twice.

Calling a saved number

If you have already saved a phone number, you can use the **All Contacts** list to find it quickly.

1. Press $\odot$ right when on the home screen.

   This brings up a list of all saved contacts.

2. Scroll down the list, find the contact you want, and press $\otimes$ to dial the number.

3. If you have already allocated a speed dial number for the contact, press the corresponding speed dial number to dial. For more information, refer to "Setting up speed dialing" on page 9

Answering a call

When you receive a call, the phone rings, vibrates, and/or lights up, and an animated phone icon appears. The number of the caller also appears if it is not restricted. If the number is stored in your Contacts directory, the contact name appears.

- Press $\otimes$ to asnwer the call.

- Select **Silence** to mute the ringer or stop the vibration when there is an incoming call.

- Press $\mathscr{P}$ or select **Voice Mail** to send the call to the voice mail,
- Select **Answer Hold** to put the caller on hold.

Answering calls hands-Free

If your phone is attached to an accessory such as a hands-free headset (sold separately), you can set the it to answer an incoming call after 2, 5 or 10 seconds.

1. Select **Menu → Settings → Accessories → Headset Autoanswer**.
2. Select the option to turn the autoanswer **Off**, or have it answer after **2 seconds**, **5 seconds**, or **10 seconds**.
3. Press $\circledR$.

Dealing with missed calls

When you have missed a call, "Missed" appears on your screen. This message remains, unless the caller leaves a voicemail.

- Press $\circledR$ or $\mathscr{P}$ to clear the screen.
- To view the caller's number or name, press $\textcircled{\ddots}$ left to access the **Recent Calls** list and select **Missed Calls**.

- If the caller left a voicemail message, select **Call**. If you have not yet set up your voicemail, the caller cannot leave a message. See "Setting up voicemail" on page 9.

Setting missed call alerts

You can set the alert to beep when you have missed a call.

1. Select **Menu → Settings → Alert → Missed Call**.
2. Select **Enable** or **Disable**.
3. Press $\circledR$.

Viewing recent call details

Details on the last 10 calls you have missed, made or received are stored in the **Recent Calls** list. You can get details on the caller's name and phone number, along with the time and length of the call.

To view call details

1. Select **Menu → Recent Calls**.
2. Select **Missed Calls**, **Incoming Calls** or **Outgoing Calls**.
3. Press $\circledR$.
4. Select a phone entry.

5. Select an option from the list.

- **Call Number**—Dials the phone number
- **Time**—Shows the time and duration of call
- **View Number**— Displays the phone number
- **Edit Number**—Edits the phone number
- **Delete Message**—Deletes the messages in inbox
- **Send Message**— Sends messages from the phone number
- **Save To Existing**— Adds the phone number to the an existing contact.
- **Save to RUIM**— Adds the contact to the RUIM card

Erase the recent calls list

You can erase all calls listed in your Recent Calls menu.

1. Select **Menu → Settings → Security**.

2. Enter your four-digit PIN code and press ⑯ .

3. Select **Erase All Recent Call List**.

4. A message appears: "Erase All Recent Call List?"

5. Select **Yes** to erase all.

Setting up speed dialing

Speed dialing allows you to quickly dial a stored phone number by entering a one- or two-digit speed dialing location.

1. Locate a saved contact by pressing ⓒ left.

2. Highlight the phone number and press ⑯ .

3. Select **Add to Speed Dial**.

4. Select an empty speed dial location to assign to the phone number (location "1" is reserved for your voice mail number).

5. Press ⑯ to confirm. The message "Contact Assiugned confirms the speed dial location.

To speed dial

From the home screen, enter the one- or two-digit speed dial number and press ✎ .

Using 1-Touch Dialing

To dial a phone number, simply press and hold the assigned speed dial number for the phone number. If it is a two-digit number, press the first number, then press and hold the second. For example, if the speed dialing number is 15, press **1**, then press and hold **5**.

Setting up voicemail

Before your phone can receive voicemail messages, you must set up a password and record a personal greeting with your service provider. When you have set up your voicemail, all unanswered calls to your

phone are automatically transferred to your voicemail, even if your phone is in use or turned off.

Note: Check with your service provider if you have problems setting up voice mail.

1. Select **Menu → Messages → Message Settings.**
2. Scroll to **Voice Mail Number** and press ⑭ .
3. Select **Edit** and enter your Voice Mail Number.
4. Press ⑭ twice to confirm

Checking voicemail messages

When a voice message is received, your screen will display "VOICE MAIL!" along with the number of messages waiting for you in brackets.

• To retrieve your voice mail, press and hold numeric key **1** (default speed dial number) to call your voice mail number.

Silencing an incoming call

• To mute the ringer or stop the vibration when there is an incoming call, select **Silence**.

This action silences the current call only. The next call will ring as normal.

Adjusting the volume during a call

• To adjust the earpiece volume during a call, press ⊙ up or down.

Tracking your calls

Your phone has three timers that count the duration of the calls you have made and received.

Outgoing Calls

This timer displays the number of outgoing calls you have placed, along with the duration of those calls. You can reset this timer.

• Select **Menu → Settings → Call Timers → Outgoing Calls.**

Incoming Calls

This timer displays the number of incoming calls you have received, along with the duration of those calls. You can reset this timer.

• Select **Menu → Settings → Call Timers → Incoming Calls.**

All Calls

This timer displays the number of all incoming and outgoing calls and their duration. You cannot reset this timer.

• Select **Menu → Settings → Call Timers → All Calls.**

Resetting the timers

You can reset the timers for both incoming and outgoing calls.

1. Select **Menu → Settings → Calls Timer**.
2. Select **Incoming Calls** or **Outgoing Calls** and press **Reset.** The calls are reset to 0.

Calling emergency numbers

Regardless of your three-digit emergency code (911, 111, 999, etc.), your phone will operate as described below.

You can call to 911 (dial ⑨ ① ① and press ✆) even if your account is restricted. However, when you call, your phone enters **Emergency mode**. This enables the emergency service exclusive access to your phone to call you back, if necessary. To make or receive regular calls after dialing 911, you must exit this mode.

To exit Emergency mode

When you have completed the 911 call, press ⓞⓚ to select Exit. Then press ⓞⓚ again to confirm your choice. The phone returns to Standby mode and you are ready to make and receive regular calls.

Call Roaming

To enable or disable call roaming.

1. Select **Menu → Settings → Sys/Network → Roaming Opt**
2. Select an option:
   – **No Roaming** causes the phone to access calls only in the service provider area.
   – **Automatic** automatically switches the phone between digital and analog.
3. Press ⓞⓚ .

3 ENTERING LETTERS, NUMBERS, AND SYMBOLS

You may enter letters, numbers, and symbols in the Contacts, SMS and other menu functions; for example, when you create a personal banner for your phone's home screen.

Understanding text entry modes

There are four modes:

aɓc **Multitap** mode

1ₒ3 **Numbers** mode

eZi **EZText** mode

&?! **Symbols** mode
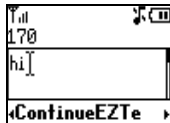
Current mode

Note: The mode you start in depends on the task you are doing. For example, when entering a phone number in the **Contacts** menu, the default text mode is **Numbers**. When entering a name for a contact, the default text mode is **Multitap**.

Entering numbers

- In **Numbers** mode, press a number key once.
- In **Multitap** mode, press and hold a number key until the number appears on the screen.
- In **EZText** mode, press and hold a number key until the number appears on the screen.

Multitap mode Entering words letter by letter

1. Press the appropriate alphanumeric key once to display the first letter that appears on the keypad, twice for the second letter, and so on.
2. Wait for the cursor to move right before you enter the next letter.

EZText mode Entering words quickly

When you press a series of keys using **EZText**, it checks the built-in dictionary for common words and predict the word you are trying to spell.

1. For each letter of the word you wish to spell, press the appropriate alphanumeric key once. For example, to enter the word "any" press the alphanumeric keys $\text{(2)} \to \text{(6)} \to \text{(9)}$.
2. If the word suggested by **EZText** does not match what you want, press $\circled{\updownarrow}$ up or down to look at other word matches.
3. When you see the word you want, press $\circled{OK}$ to accept it.

Entering symbols

While entering text, you can also enter symbols.

- In **Multitap** mode, press $\circled{1}$ key until the symbol you want appears.

   -or-

1. Press $\circled{\updownarrow}$ right to highlight the current text mode.
2. Press $\circled{OK}$ to enter the menu, then select the symbols mode.
3. You will be presented with a list of symbols.

   . & @ , - ' : ; ? / " ( ) _

4. Press the number corresponding to the symbol of your choice.

Entering special characters

If your phone is set to a language other than English, use the following key references to enter accented characters.

French

$\circled{2}$	A À Â B C Ç 2
$\circled{3}$	D E Ë È É Ê F 3
$\circled{4}$	G H I Ï Î 4
$\circled{6}$	M N O Ô Œ 6
$\circled{8}$	T U Ü Ú V 8

Spanish

$\circled{2}$	A Á B C 2
$\circled{3}$	D E É F 3
$\circled{4}$	G H I Í 4
$\circled{6}$	M N Ñ O Ó 6
$\circled{8}$	T U Ü Ú V 8

Changing input modes

To enter characters that belong to a mode other than the one you're in, you'll need to change modes. For example, to enter numbers in an email

address while in **Multitap** mode, change to **Numbers** mode, enter the number, and then change back to **Multitap** mode to complete the address.

To change text entry modes, you can either:

Press ⊙ right to highlight the current text mode, press ⊛ to enter the menu, then select a different mode.

Switch case text input

Three settings are available in the **Multitap** and **EZText** input mode.

To change settings for upper and lower case input:

1. Press ⊛ while in **Multitap** or **EZText** input mode.

2. Continue pressing until your desired input case is displayed. For example,
   – **MULTITAP** - Upper case
   – **multitap** - Lower case
   – **Multitap** - Only the first input character is in Upper case.

Quick reference to text entry

This table gives general instructions for entering letters, numbers, and symbols.

To...	Do this...
Enter a letter	Use **Multitap** mode and press the appropriate alphanumeric key until the letter you want appears on the display.
Enter a number	Use **Numbers** mode and press the number key once.
Enter a symbol	Use **Symbols** mode and enter the number corresponding to the symbol you want.
Enter a space	Press ⃝# .
Erase a character	Press ⃪ .
Erase all characters	Press and hold ⃪ .
Move the cursor right or left	Press ⃝ right and left.
Change text entry modes	Press ⃝OK to highlight the current input mode and press ⃝OK to access **Text Mode**. Scroll to the desired input mode and press ⃝OK .
Capitalize the next letter	Press ⃝* until the current input mode displays **Multitap**.
Capitalize every letter	In **Multitap** mode, before you enter the text, press ⃝* repeatedly until the current input mode displays **MULTITAP**. In **EZText** mode, press ⃝* until the highlighted word in the text editor changes to upper case.

Capitalize the first letter of each word	In **Multitap** mode, before you enter the text, press (Text) until the current input mode displays **Multitap**. In **EZText** mode, press (Text) repeatedly until the first letter of the highlighted word in the text editor changes to upper case.
Highlight an option at the bottom of the screen	Press (OK) to highlight an option and press (☼) left or right to scroll through the other options available. To confirm your selection, press (OK) .

4 STORING CONTACTS

The Contacts menu of your phone is like a set of phone index cards for you to store information about a person or a company. Your phone can hold, on average, about 200 phone numbers. Each name, e-mail address, mailing address or web address entry can contain up to 256 characters. The minimum length of RUIM phone number is 10 digits and the maximum length of phone number stored on the phone is 32 digits.

Saving a new contact

1. From the home screen, enter the phone number you wish to save.
2. Press ⊙K to select **New**.
3. Enter the name of the contact. To learn how to enter letters, see "Quick reference to text entry" on page 16.
4. Press ⊙K twice to save the number.
5. Press ⊙K to select options:
   - **Add New** to add another new contact
   - **Edit Name** to edit the name of the new contact
   - **Classify Contact** to classify the new contact as Personal or Business.
   - **Erase Contact** to erase the new contact.
6. After adding options, scroll to the contact's number and press ⊙K to the following options:
   - **Number Type** to classify the number
   - **Edit** to change the number
   - **Erase** to delete the number
   - **Add Speed Dial** to add a speed dial location to the contact.

Adding a code or extension

When you save the phone number of an automated service, you may include a pause where you need to select an option or enter a password. You can enter multiple pauses in a phone number. A Pause will cause the phone to stop dialling until you select the Release key.

1. Enter the first portion of the phone number.
2. Press ⊙ right or left to scroll through the options at the bottom of the screen.

3. Scroll 💠 right to **Pause** and press ⒪⒦ . The letter **P** appears next to the last digit of your phone entry.
4. Enter the remaining numbers and add more pauses where needed.
5. To save the number, press 💠 right or left to select **New** and proceed as per "Saving a new contact" on page 19".

Saving addresses and web pages

To save an email address, street address, or Web page URL, follow these steps.

1. Select **Menu → Contacts → Add New.**
2. Highlight **Phone, Email, Address,** or **Web Page.**
3. Press ⒪⒦ .
4. Enter the information. To learn how to enter letters, see "Quick reference to text entry" on page 16.
5. Press ⒪⒦ twice to go to the next screen.
6. Enter a contact name.
7. Press ⒪⒦ twice to **Save.**

Editing or erasing a contact

1. Select **Menu → Contacts**.
2. Select **View All** or **Find** to locate the contact you wish to edit.
3. Scroll to the contact you wish to edit or erase and press ⒪⒦ .
4. Select **Options.**
5. Select either **Erase Contact** or **Edit Name** and press ⒪⒦
6. Follow the screen prompts to delete the contact or edit the name.
7. Press ⒪⒦ to **Save**.

Editing a phone number

1. Select **Menu → Contacts**.
2. Select **View All** or **Find** to locate the contact you want to edit.
3. Highlight the contact to edit and press ⒪⒦ .
4. Press 💠 down to highlight the phone number to edit and press ⒪⒦ .
5. Highlight an option for the phone number and press ⒪⒦ :

- **Number Type** to classify as Work, Home, Mobile, Pager or Other.
- **Edit** phone number
- **Erase** phone number
- **Save on RUIM:** save the number on the RUIM card
- **Add to speed dial** to assign a speed dial number

6. Follow the screen prompts.

7. Press (OK).

Finding contact information

Using All Contacts list

From the home screen, press ⊙ right to view **All Contacts** list. Highlight the contact you wish to call and press the **Call** key to dial the number.

Viewing contacts

The following icons may appear next to information in your Contact entries.

🗂	Personal	✉	Email
🗂	Business	⚐	Address
📖	Neither	w-	Web Page

5 SENDING AND RECEIVING TEXT MESSAGES

This chapter describes how to send, receive, and erase text messages from your phone.

Important: The features and menus described in this chapter may vary depending on services available in your area. In addition, usage charges may apply to each message. For clarification on these issues, check with your service provider.

Sending text messages

Check with your service provider to find out if you are able to send text messages from your phone. You can only send text messages to phones that are capable of receiving them.

Sending a simple message

You can only send text messages to phones that are capable of receiving them or to email addresses.

1. Select **Menu → Messages → Create Message**.
2. Enter the number or select it from your contacts list by pressing ⓄⓀ at the text entry screen, scrolling to Contacts, and pressing ⓄⓀ again.

3. Select **Continue** to enter your message. To learn how to enter letters, See "Quick reference to text entry" on page 16.

   The maximum length of message is 180 characters.
4. When you have completed the message, select **Continue** and press ⓄⓀ to **Send.**

Sending a preformatted message

Your Kyocera K112 comes with a set of commonly used messages, such as "Call me", "Emergency", "Need directions."

1. Select **Menu → Messages → Preformatted Messages**.
2. Scroll through the list of messages and press ⓄⓀ .
3. Enter the phone number manually or select from the **All Contacts** list and press ⓄⓀ to continue.
4. Edit the contact when prompted.
5. Select **Send** or **Save**. If you select Save, your message is placed in your Outbox.

Sending a saved message

You can reuse a message you have stored in your **Outbox**. The Outbox contains all sent messages, messages for which send attempts have been made as well as messages with failed send attempts.

1. Select **Menu → Messages→ Outbox**.
2. Scroll through the list of messages and press ⓞⓚ to select the message you wish to send.
3. Select an option from the list:
   – **Done** to go back to previous screen.
   – **Erase** the message.
   – **Send** the message.
   – **Forward** the message to another recipient by entering another phone number.
   – **Edit** the message. Press ⓞⓚ when you finish editing the message.
4. Press ⓞⓚ to continue.
5. Press ⓞⓚ again to **Send**.

If you cannot send messages

You may not be able to send or receive messages if your phone's memory is nearly full, or if digital service is not available during that time. To free up memory, erase old messages. See "Erasing messages" on page 25.

Receiving incoming calls while creating messages

- If you don't wish to answer the call, select ✏ .
- To answer the call, press ✆ . The message you were working on will be lost.

Viewing the OutBox

You can check the status of messages you have sent as long as they have been saved to the OutBox.

1. Select **Menu → Messages → OutBox**.
2. Scroll through the list of messages.
3. Press ⓞⓚ to read the message.

Retrieving text messages

When a text message is received, your screen will display text similar to: "1 message received". Look for the ✉ symbol at the top of your screen.

Reading the message

You may read the message on the display and call back the number in the message. The screen auto scrolls the screen page by page unless you press ⓞⓚ left or right.

Erasing messages

Your phone is designed to store 20 text messages. It is a good idea to erase old messages, as messages take up memory in your phone.

You have the option of erasing text messages as you send or read them, erasing them one-at-a-time from the list in the **OutBox** or **InBox,** or erasing them all at once.

Erasing single messages

1. Select **Menu → Messages**.
2. Scroll down to select the type of text message you want to erase (**InBox,** or **OutBox**).
3. Press $\circledcirc$ to select the message to erase.
4. Select **Erase** to erase the message. A notification appears: "Erase this message?"
5. Select **Yes** to erase the message.

Auto Erase Inbox

Use this setting to have old messages automatically erased when memory is low.

1. Select **Menu → Messages → Message Settings→ Auto Erase Inbox**.
2. Select **Enable**.
3. Press $\circledcirc$.

Erasing all messages

1. Select **Menu → Messages → Erase Messages**.
2. Select an option from the list:
   – **No** returns you to the previous screen
   – **Entire Inbox** deletes all messages in the inbox. If selected, the prompt, "Entire Inbox?" appears. Select **Yes**.
   – **Entire Outbox** deletes all messages stored in the outbox. If selected, the prompt "Entire Outbox?" appears. Select **Yes**.
   – **Old Inbox** deletes all messages in the old inbox. If selected, the prompt "Erase all old Inbox messages?" appears. Select **Yes**.

Setting message alerts

You can choose how you want be alerted of incoming voicemail, pages, or text messages.

1. Select **Menu → Messages→ Message Settings → Message Alert**.
2. Select an option from the list:
   – **None** no alert.
   – **Vibrate Once** sets the phone to vibrate once when you receive a message.

- **Vibrate & Remind** sets the phone to vibrate once when a new message is received and once every 5 minutes.
- **Beep Once** sets the phone to beep once when you receive a message
- **Beep & Remind** sets the phone to beep once when a new message is received and once every 5 minutes.

3. Press ⓞⓚ .

6 CUSTOMIZING YOUR PHONE

The contents of the **Settings** menu are as follows.

Silence All	**Display**	**Call Timers**	**Accessories**
Auto Key Guard	Backlighting	Outgoing Calls	Ext Power Backlight
Sound	Banner	Incoming Calls	Headset Ringing
Volume	Language	All Calls	Headset Autoanswer
Alert Type	Contrast		Any Key Answer
Ringer Type	Menu Format	**Security**	
Key Beep	Time Format	Erase all contacts	**Sys / Network**
Key Tone Length	Screensaver	Erase All Recent Calls	Roaming Opt
	Alert	Phone Reset	
	Missed Call	PIN Change	
	Roaming		
	Service		
	Minute Alert		

Setting your phone to vibrate

You can set your phone to vibrate or to vibrate and then ring when you receive an incoming call.

1. Select **Menu → Settings → Sound → Alert Type.**
2. Highlight an option:

   – **Vibration —** Causes the phone to vibrate for the duration of the incoming call alert.
   – **Vibe+Ringer —** Causes the phone to vibrate for the first 10 seconds and then ring for the remainder of the incoming call alert.
3. Press ⊙ .

Locking your keypad

You can lock the keypad to protect the phone from accidental key presses.

- To lock the keypad from the home screen, press and hold ⊗ .
- To unlock the keypad, press ① ② ③ .

For advance setting of the keypad lock, do the following:

1. Select **Menu → Settings → Auto Key Guard**.
2. Select an option from the list:
    - **On**—Immediately locks the keypad.
    - **Off**—Disables keyguard.
    - **30 Sec**—Locks the keypad after 30 seconds of inactivity.
    - **2 mins**—Locks the keypad after 2 minutes of inactivity.
    - **5 mins**—Locks the keypad after 5 minutes of inactivity.

Adjusting volume

You can adjust the volume of the ringer, earpiece and the key beeps.

1. Select **Menu → Settings → Sound → Volume**.

2. You can adjust the volume of the **Ringer**, **Earpiece** or **Key Beep**.
3. Press ⊛ up or down to adjust the volume.
4. Press ⊛ to set the volume level.

Setting the incoming call alert

You can choose the type of alert you receive for incoming calls.

Select **Menu → Settings → Sound → Alert Type**.

1. Select an option from the list:
    - **Off** sets the phone to mute during an incoming call alert.
    - **Ringer** sets the phone to ring during an incoming call alert.
    - **Vibration** sets the phone to vibrate for the duration of the incoming call alert.
    - **Vibe+Ringer** sets the phone to vibrate for the first 10 seconds and then ring for the remainder of the incoming call alertS.

Choosing a different ringer

Your Kyocera K112 has 15 ringers you can choose from for your incoming calls.

1. Select **Menu → Settings → Sound → Ringer Type**.

2. Scroll down the list to hear the different rings tones.

3. Press ⊙K to select a ringer from the list.

Changing the key beep

The key beep is the sound made when you press the keys on the keypad.

1. Select **Menu → Settings → Sound → Key Beep**.

2. Select **Tones** or **Clicks** and press ⊙K .

Changing the key beep length

You can change the duration of the tones the phone makes when you press the keys.

1. Select **Menu → Settings → Sound → Key Tone Length**.

2. Select either **Normal,** which emits a short fixed length DTMF tone; or **Long**, which emits a longer DTMF burst.

Personalizing the screen

Adjusting the backlighting

Your screen lights up while you are in a call or when you press a key on the keypad. However, you can change when and how backlighting lights up.

1. Select **Menu → Settings → Display → Backlighting**.

2. Select an option from the list:
   - **Off**—Turns backlighting off.
   - **10s**—Turns backlighting on for 10 seconds after your last keypress.
   - **30s**—Turns backlighting on for 10 seconds after your last keypress.
   - **10s in call**—Turns backlighting on for 10 seconds after your last keypress.
   - **30s in call**—Turns backlighting on for 10 seconds after your last keypress.

3. Press ⊙K to confirm your choice.

Note: Keeping backlighting on during a call consumes more energy and thereby drains the battery more quickly, reduces talk as well as standby times.

Changing your banner

The banner is the personal label for your phone. It appears on the home screen above the time and date. The banner can be 14 characters long.

1. Select **Menu → Settings → Display → Banner**.

2. Press ⊙K to select **Edit**.

3. Press ⟨⟨ to clear the screen.

4. Enter your new text.

5. Press ⟨OK⟩ twice to select **Save**.

Choosing a different language

Your phone may support languages in addition to English.

1. Select **Menu → Settings → Display → Language**.

2. Scroll to highlight a language.

3. Press ⟨OK⟩ .

Changing the display contrast

1. Select **Menu → Settings → Display → Contrast**.

2. Press ⟨◯⟩ right or left to adjust the contrast.

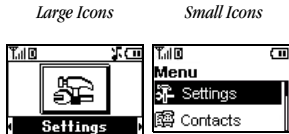## Choosing a different time format

1. Select **Menu → Settings → Display → Time Format**.

2. Select **AM/PM** or **24 HR**.

3. Press ⟨OK⟩ .

Changing the main menu view

You can change the appearance of the menus you see when you select **Menu** from the home screen.

• Select **Menu → Settings → Display → Menu Format**, then the option you want:

Large Icons   *Small Icons*

Note: If you change to **Small Icons**, you will need to press up or down to scroll menus.

Screen Saver

1. Select **Menu → Settings → Display → Screensaver.**

2. Select **Type** to access the available screensavers.

3. Scroll to highlight a screensaver and press ⟨OK⟩ to select it.

4. Select **Timeout** to set the time you want the screensaver to display after the phone is in idle mode: **30 seconds**, **2 minutes**, or **5 minutes**.

5. Press ⟨OK⟩ .

6. Press ⟨✐⟩ to return to the home screen.

Setting Alerts

You can choose to Enable or Disable alert tones during various circumstances.

1. Select **Menu → Settings → Alert**.
2. Select an option from the list, press ⊙, and select **Enable**.
   - **Missed Call**—sets the phone to emit an alert tone when there is a missed call.
   - **Roaming** sets the phone to emit an alert tone when the roaming state changes.
   - **Service** sets the phone to emit an alert tone when the phone registers itself to a service or lost the connection with a service.
   - **Minute Alert** sets the phone to emit an alert tone every 10 seconds before the end of a minute during a call.

To disable any of these alerts, select the option and then **Disabled**.

Creating a secure environment

This section describes all the features involved in securing your phone and preventing access to personal information. All security features are shielded by a four-digit lock code. The lock code is typically 0000 or the last 4 digits of your phone number.

Changing your PIN code

1. Select **Menu → Settings → Security**.
2. Enter your four-digit PIN code and press ⊙.
3. Scroll to **Pin Change** and press ⊙.
4. Enter your new PIN code and press ⊙. The confirmation message "Pin Changed" appears.

Erasing all contacts

You can erase all contacts from the Contacts directory.

1. Select **Menu → Settings → Security.**
2. Enter your four-digit lock code and press ⊙.
3. Scroll to **Erase All Contacts** and press ⊙.
4. The message "Erase All contacts?" appears.
5. Select **Yes** to erase all contacts, or **No** to cancel.

Restoring Factory Default

1. Select **Menu → Settings → Security.**
2. Enter your four-digit PIN code and press ⊙.
3. Select **Phone Reset**.
4. The message "Restore Factory Default?" appears.

5. Select **Yes** to restore factory default.

Note: Your 4-digit PIN code, Recent Calls List, Contacts directory, Inbox and Outbox contents, memos, and service programming are not reset when you reset your phone.

Setting alerts for your headset

When a headset (sold separately) is attached to the phone, you can set alert sounds to originate from the headset.

1. Select **Menu → Settings → Accessories → Headset Ringing**.

2. Select **On** to have alerts originating from the headset.

Setting headset Autoanswer

When a headset (sold separately) is attached to the phone, you can set the headset to autoanswer when there is an incoming call.

1. Select **Menu → Settings → Accessories → Headset Autoanswer**.

2. Select the option to turn the autoanswer **Off**, or have it answer after **2 seconds**, **5 seconds**, or **10 seconds**.

3. Press ⊙ .

Setting power backlighting

You can set backlighting to remain on when an external power source, such as the AC adapter, is used with the phone.

Note: Power backlighting may not be available with some accessories. Check with your service provider.

1. Select **Menu → Settings → Accessories → Ext Power Backlight**.

2. Select **On** to keep backlighting on. (The battery charges more slowly when power backlighting is on.)

7 USING EXTRAS

The Extra menu offers a variety of two games and a variety of helpful tools.

Games

BlackJack

Blackjack is a card game where the player attempts to beat the dealer by obtaining a sum of card values that is equal to or less than 21 so that his total is higher than the dealer's.

Notes: The default cash value is **$5000** and the bet amount is **$20**.

The dealer's cards appear on the upper row; your cards appear on the lower row.

1. Select **Menu** → **Extras** → **Games** → **BlackJack.**
2. Press ⓄⓀ to enter. A greeting screen appears, followed by the rules of the game.
3. Press ⓄⓀ to continue.
4. Select **Continue** to return to your most recent game, or **New** to start a new game.
   – Select **Deal** to start the game immediately.
   – Select **Bet** to change the bet amount.

   – Select **Hit** to draw more cards. The resulting card values appear on the extreme right (maximum number of cards is 5).
   – Select **Double** to double the bet amount.
   – Select **Stand** if you don't want to draw more cards.
5. To continue with this game, select **Deal**. The dealer will draw more cards if necessary and a result screen will appear to tell you if you have won, lose or nothing lost, nothing won

Video Poker

In Video Poker you are dealt five cards. You may keep some or all of them, or throw them all away. For each card you throw away, you get another to replace it. The object of the game is for you to create a five-card winning Hand.

1. Select **Menu** → **Extras** → **Games** → **Video Poker.**
2. Press ⓄⓀ to enter. A greeting appears, followed by the rules of the game.
3. Press ⓄⓀ to continue.

4. Select **Continue** to return to your most recent game, or **New** to start a new game.

   – Select **Deal** to start the game immediately

   – Select **Bet** to change your bet amount.

   – Select **Payout** to learn the payout amounts of Royal Flush, Full House, Pair of Jacks, Straight Flush, Four of a kind, etc.

   – Select **Continue** if you do not wish to change your cards. A result screen appears to tell you if you have won or lost the game.

   – Select **Discard** to change your cards, then press the numeric keys corresponding to the numbers shown above the cards you wish to discard.

5. Select **Continue** to display the result screen.

6. Select **Deal** to continue with the game.

Tools

Stop Watch

1. Select **Menu → Extras → Stopwatch.**

2. Select **Start** to have the stopwatch begin counting.

3. Select **Stop** to stop counting.

4. Select **Reset** to set the counter back to zero.

Alarm

Use the alarm to set an alert for a specific time. The alert occurs only if the phone is on.

Digital service is required to access this menu item.

1. Select **Menu → Extras → Alarm → Set.**

2. Press ⊙ up or down to set the alarm.

3. Select **Once**, **Daily**, or **Weekdays**.

When the alarm sounds, select **Off** to turn off the alarm or **Snooze** to silence the alarm for 10 minutes.

Scheduler

The Scheduler allows you to schedule events, such as meetings or appointments, and keep track of special occasions, such as birthdays or wedding anniversaries.

Digital service is required to access this menu item.

Adding an event

1. To find the day of the event.

2. Select **Menu → Extras → Scheduler**

   – For a day in the current month, select **View Day.** Press ⊙ right or left to scroll through days.

– For a day in a different month, select **View Month.** Press 🔘 up or down to scroll through months, and left or right to scroll through days.

3. Press 🆗 to confirm the day and weeks.

4. Select **Menu → Extras → Scheduler → Add Event** and press 🆗 .

5. Enter event name. For help on entering text, see page 13.

6. Press 🆗 twice when you are done entering the letters.

7. Select **Next** to set the event Start time, Duration, and Alarm frequency.

– Press 🔘 up or down to set alarm fields.
– Press 🔘 left or right to move between fields.

8. Press 🆗 twice when you are done.

9. Select **Next** to add a Note**.**

10. Press 🆗 twice when you are done

Viewing, editing, or erasing an event

1. Select **Menu → Extras → Scheduler.**

2. Select **View Day** or **View Month** to find the event you want to view, edit, or erase.

3. Press 🔘 up, down, left, or right to highlight an event and press 🆗 to select it.

4. Press 🔘 right and press 🆗 to select **Edit, Erase,** or **New.** Follow the prompts.

5. Press 📝 to return to the home screen or ⦉ to return to scheduler options.

Calculator

Use the calculator for basic mathematical calculations.

1. Select **Menu → Extras → Calculator.**

2. Use the keypad to enter numbers.

3. Press 🔘 left and right to scroll through the operators. Press 🆗 to select them.

=	equal	**+**	add	**x**	multiply
÷	divide	**-**	subtract	**.**	decimal point

C Clear all numbers entered and display a zero.

MR Display the value currently stored in memory.

M+ Add the displayed digit to the value stored in memory.

MC Clear the value currently stored in memory.

± Change the sign of the displayed number.

⊗ Clear one function or one digit from the screen and return the calculator to digit entry mode. Hold down to clear all of the digits and operations and display a zero.

✐ Exit the calculator and return to home screen.

8 GETTING HELP

Customer support

Your service provider's customer support department may be accessible directly from your phone when you dial a number such as *611 (check with your service provider). They can answer questions about your phone, phone bill, call coverage area, and specific features available to you, such as call forwarding or voicemail.

For questions about the phone features, refer to the materials provided with your phone, or visit **www.kyocera-wireless.com**.

For additional questions, you may contact the KyoceraWireless Corp. Customer Care Center in any of the following ways:

- Web site: **www.kyocera-wireless.com**
- Email: phone-help@kyocera-wireless.com

Before requesting support, please try to reproduce and isolate the problem. When you contact the Customer Care Center, be ready to provide the following information:

- The name of your service provider.

- The actual error message or problem you are experiencing.
- The steps you took to reproduce the problem.
- The phone's electronic serial number (ESN). To find the ESN:
  a. Remove the RUIM card cover.
  b. Locate the white label on the back of the phone. Your phone's 11-digit ESN begins with "D" and is located on the label.

Phone accessories

To shop for phone accessories, visit **www.kyocera-wireless.com/store**, or call (800) 349-4188 (U.S.A. only) or (858) 882-1410.

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Numerics

82-KXXXX-X, Rev XX