



Cautions Before Using Touch-Screen



When Using the Touch-Screen...

 Don't scratch the screen with a knife, or any sort of sharp tool. It can cause serious damage to the screen.



When writing, use the stylus.
 The text will appear more clealy.





Power Saving Function

- You can set the time to activate the power saving mode.
- · Touch the screen to reactivate it.



Screen Program Reboot Function.

 If screen program doesn't operate properly, open the refrigerator door and touch the Reset button on the top.

Contents saved (e.g. Schedule) will not be lost when re-starting the screen program



When Closing the Screen

 Push the lower screen in to close the screen.



Screen Protection Function

- The screen turns off after a preset time in the main screen mode.
- If you select pictures as a screen saver, the pictures appear consecutively on the screen.
- Screen will return to Main Display when it is touched.

You can see Help for all screen functions by touching the button which is provided on the menu bar.





Contents



Power On/Off Function of Screen



- To achieve greater power saving, open the refrigerator door and switch off the power button when you leave home or incase you do not use the screen for a long time.
- This power On/Off switch is for the screen, not for the refrigerator. Even if you turn off this switch, the refrigerator does not turn off.

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at is Dream LG http://www.dreamlg.com

Dream LG is a portal service centered on home service that LG has created for your convenience. You can easily check memos, schedules, and food storage information from a remote location via internet.

itor various kind of information and download programs related to other LG internet products, such as the Internet air conditioner, Internet washing machine. Internet microwave oven, et al.

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✓ The software supplied with	n the product may

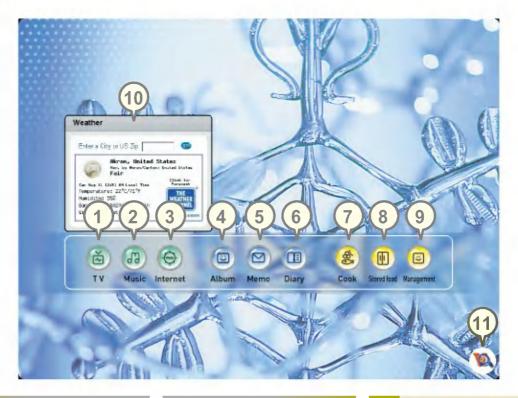
The software supplied with the product may be upgraded without notice in order to improve the quality of the product.





Main Screen





You can watch television via cable, antenna, VCR, etc.

You can take a picture and

not using the screen.

use it as a screen saver when

There are all types of cooking

information searchable by

You can listen to the music saved in the music box.

You can leave a text,

drawing, or even a video memo for your family.

Stored Food

You can record the food stored in the refrigerator.

course, ingredient, nutritional and caloric information is also available.

Weather Information

You can get weather information of your area. Virus Vaccine

This icon means virus vaccine is working.

Internet

You can easily be connected to the Internet at home.

Digital Diary

You can record anniversaries and other events.

Management

You can use various management programs like the Self-Diagnosis and Preference settings.



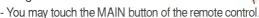
TV –Watching TV

Channel number is displayed for about 5 seconds.



Main

Touch this button and the screen changes to the Main Menu.



Caution

Wait for auto program to complete the channel search cycle before choosing a channel. If you touch the Cancel button during auto programming, the function will stop and only channels found up to that time will be stored.

Note

- If automatic channel setting is complete, check the saved channels by touching the channel .
 - In automatic channel setting, only current channels on air with appropriate signal present are memorized. Blank channels are omitted.
- * For USA version only Refer to Appendix I. TV Closed Captions

Watch Television

touch the TV button on the touch screen.

- To watch TV, first record/set the broadcasting channels in your area through auto searching function describer below.
 - Select a channel by touching the channel ▲ ▼ button or the number buttons(0~9).
- When TV screen appears, touch the Ch. Control button from the menu bar.
 - The menu bar disappears after every 10 seconds if there is no response from the user. You can see the menu bar again by touching any where on the screen.
- Set channels by touching Auto. Ch. from Ch. Control window.
 - To setup automatic channels, run auto searching function by touching Auto ch.
 - Check the cable and antenna connections before auto searching
 - The method to connect TV antenna and video cables, is given in the owner's manual.

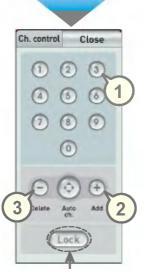




V-Watching TV







* For USA version only



* For USA version only Refer to Appendix $\Breve{\mathbb{T}}$. TV Parental Control.

Memorize or Delete Specific Channel...

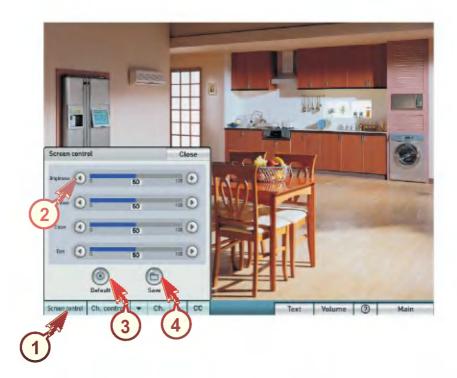
- Select the desired channel by touching the Channel number button from Ch. Control window.
- To memorize the selected channel, Touch the Add button.
- To delete the selected channel, touch the Delete button.

Adjust Volume

- Touch the Volume button on the menu bar. Then adjust volume with ◀ ▶ .
 - It will be convenient to use the Volume + , on the remote control.



TV-Closed Captions



Control the Screen......

- Touch the Screen Control button on the menu bar of the TV screen.
- Use the ◀▶ buttons to adjust the screen status according to your desire.
 - You can control brightness, contrast, color, and tint.
- Touch the Save button to obtain your desired screen settings.

Reset the Screen to Default Setting

- Touch the Default button.
- Touch the Save button.



Note

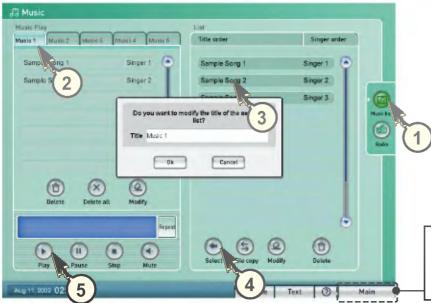
Following points does not indicate product

- An afterimage may occur if the screen image changes too quickly.
- Color picture on the screen may occur instantly in between changing channels.
- Gray color screen may appear for weak channels when setting up through automatic channels.



Music - Music Box





Caution

Copyright and additional rights according to the law of digital sound source are held by the manufacturer.

Duplicating and distributing digital music could leave the user open to prosecution.

Main

Touch the button to return to the Main screen.

Listen to the Music...

- Touch the Music box.
- Select one of the music list.
- Select the song you wish to hear from the list.
- Touch the Select button.
- Touch the Play button.
 - If you touch the Play button, the list will play in a continuous order.
 - To adjust the volume, Touch the Volume button and then operate it appropriately.

Music 1~5

Songs selected from the song list will appear in sequence.

Touch to listen

Play Button

to the currently selected song.

Delete Button (Selection List)

Touch to delete songs selected from the song list.

Pause Button

Touch to stop the current song.

o

Delete All Button

Touch to delete all songs in the song list.



Mute Button

Touch to select mute function.



Repeat Play On/Off Button

Touch to listen to a song more than once.



Select Button

Touch to select a song.



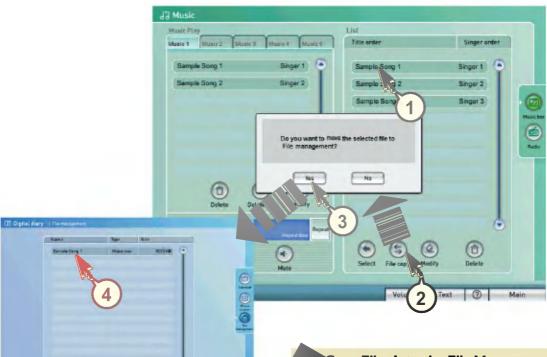
Note

- 1. You can select Music 1 ~ Music 5 from the song list.
- 2. If you want to listen to a particular song on the song list, select the song and touch Play.
- 3. You can easily search for a desired song as songs can be listed in ascending order by title or artist
- 4. Any song in the song list will not be deleted while music is playing.





Music - Music Box





- Copy important files into File Management which could then be sent as attachments via e-mail.
- Sample songs supplied with the product may be changed.

Copy Files Into the File Management...

- Select files to copy into the File Management.
- Touch the File Copy button.
- Select Yes to copy the selected file into the File Management.
- Check copied data from the File Management of the Digital Diary.

File Copy Button

Touch to save desired songs.

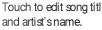


Delete Button

Touch to delete songs from the entire song list.



Modify Button Touch to edit song title





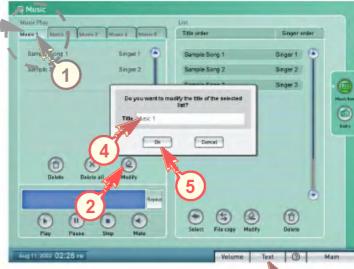
- You cannot listen to songs if you delete them from the song list.

Touch the Text button on the menu bar.

Music - Music Box







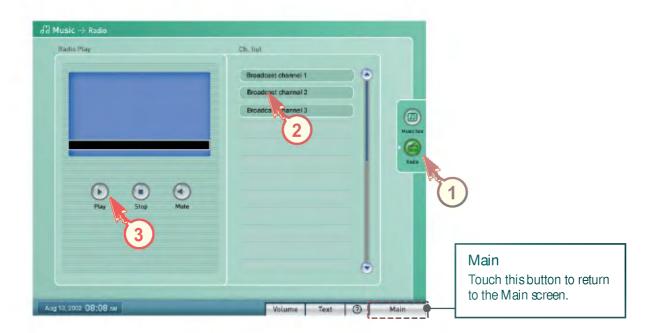
Modify the Title of Music List

- Select one form the music lists.
- **2** Touch the Modify button.
- **3** Touch the Text button.
 - For method to use the keyboard, see page
- 4 Modify the title.
- 5 Touch the OK button.





Music -Radio



Listen to Radio.....

- Touch the Radio button.
- Select a radio channel to listen.
- Touch the Play button.



Caution

- Radio uses streaming service of each broadcasting company. To listen to radio, Internet connection must be live.
- The streaming speed depends on the broadcasting service provided by the internet radio company.





Internet





Internet Address Input Window

Input the Internet address with the keyboard.

Back Button

Touch to return to the previous link.

Home Button

Touch to return to the home page.

http://www.dreamlg.com

Close Button

Touch to close the current Internet window.

Main Button

Touch to return to the Main screen.

Forward Button

Touch to move to the next

Stop Button

Touch to stop the browsing of the current page.

Connection Confirm Window

Shows the status of the Internet connection.

New Window Button

Touch to open a new Internet window.

Reload Button

Touch to refresh the current page.

Favorites Button

Touch to visit bookmarked **URLs**

Text Button

Touch to input an Internet address.



You cannot use Real Player, Dial pad, et al. with LG Internet refrigerator.





Internet









tering By Directly Inputting an internet address

- Touch the Text button. The keyboard is activated.
- Touch the Address Input window.
- Enter the desired Internet address either by using keyboard or writing character recognition function using stylus.

Ex) http://www.lge.com

- Make sure the cursor blinks in the Address Input window.
- For keyboard operations, see page 17.
- Touch the Enter button to connect to the desired site.
- Touch the Close button on the keyboard to make it disappear.



- 1. The opening screen is the Dream LG portal site. This homepage may be changed in the Internet section of the Management area.
- 2. Press button to open a new window.
- 3. Press to close the current window.
- 4. At a given time up to 3 browser windows may be opened.



Internet -Bookmark





ve in Bookmark

- Connect to the page you want to save as your favorite.
- Touch the Favorites button.
- Select one of the groups.
 - You can easily manage the Bookmark list by using these Groups.
- Touch the Add button.

Check the name of the connected site.

lete Address in Bookmark.

- Select an Internet site from the Bookmarks.
- Touch the Delete button

Close Button

Touch to close Internet window

Go Button

Touch to connect to the site you chose



Modify Button

Touch to modify information of the chosen group name.



Delete Button

Touch to delete the address in the Bookmark.



Add Button Touch to add

the site to your Bookmark.







Internet -Bookmark









nnecting By Using a Bookmark Icon

- Select an Icon.
- Select the site which you want to view.

nnecting By Using a Bookmark

- Touch the Favorites button.
- Select the site which you want to view.
- Touch the Go button to connect to the site you selected.





Internet - Downloading Method



Caution

You cannot save or open every file type downloaded.

We suggest downloading only files usable by the system such as jpg, mp3, et al.



- Touch the file you wish to download.
- 2 Select button.
 - The button may not appear in some cases such as downloading mp3 files.
- 3 Select the location.
- Touch the Text button.
 - For keyboard operations, see page 17.
- 5 Input the title.
- **6** Touch the Ok button.
- You can check files by using the appropriate menu.







Method to Enter Letters Using Keyboard



✓ Keyboard appears if you press the Text button on any menu.



To input capitals, touch the key and then touch desired letter.



Make sure the cursor blinks by touching each input window when inputting the text.

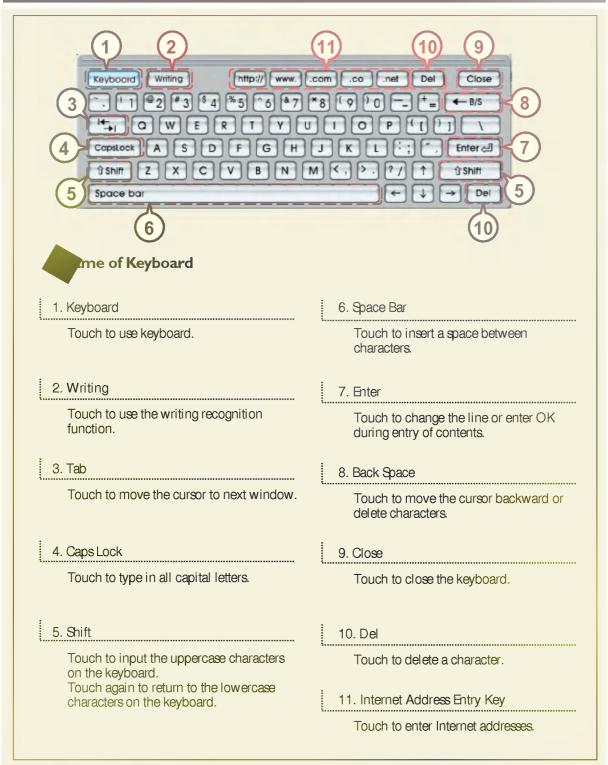
Text cannot be entered when the cursor does not blink in the input window.







Method to Enter Letters Using Keyboard







Method to Enter Writing Character

✓ Touch the Writing button to switch to the writing entry mode.

The Enter window consists of English Entry, Numeric Entry, and Special Character Entry boxes.









thod to Input English Characters.

You must write the characters in the English Writing Entry Box one by one. To input capital letters extend your drawing above the separation line else for lowercase draw below the line.

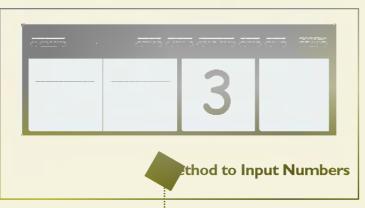


You can input characters consecutively by using both Writing Input windows alternatively.





Method to Input Writing Character



You must write characters one by one in the numeric input box.



Gestures are used to edit text already input. Use the gestures in Table 1 to edit text.

A black point is a starting point of the stroke in the writing table as described in Table 1.



- The writing recognition function may not recognize every character. This is due to peculiarities in each person's penmanship and is not an indication of product failure.
- Appendix III shows method to write characters. Recognition can be done even if the user doesn't follow the drawing procedure described in the table. But it is recommended to follow, as it makes entries more accurate and rapid.

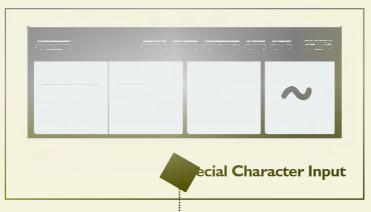
Table 1. Gesture Writing Method

Function	Writing method	Function	Writing method
Space bar	•	Backspace	
Enter		Tab	•
Del	6	_	_





Method to Input Writing Character



You must write characters one by one in the special character input box.





1. Back Space

Touch to move the cursor backward or delete a character.

2. Enter

Touch to change the line. It can be used to enter OK during entry of contents.

3. Space Bar

Touch to insert a space between characters.

4. Tab

Touch to move the cursor to the next window.

5. Del

Touch to delete the previous character.

6. Close

Touch to close the keyboard.

Album



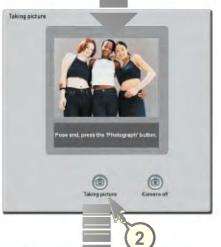




- You can set pictures taken in Album as screen saver in the Setting of the Management.
- Once you view yourself on the picture, the view would be a mirror one, but the photo you get would be that of a real image.

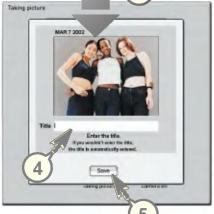
Main

Touch this button to return to the Main screen.



First, adjust the angle of the monitor so the image can be seen on the screen. Move the subject into the desired pose.

- Press the Camera On button.
- 2 Touch the Taking Picture button and the photo will be taken after 3 seconds.
 - You can take a picture even from a remote distance by touching the PHOTO button of the remote control.

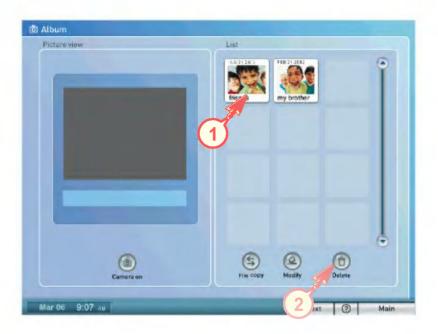


- Touch the Text button after taking the picture.
 - For keyboard operations, see page 17.
- Touch the blank title when the keyboard appears. The cursor will blink.
- 5 Touch the Save button after inputting title.





Album



Select the picture that is to be deleted.

Touch the desired picture and its frame will turn blue.

7 Touch the Delete button.

Camera On Button Camera Off Button Touch to close the Touch to open the Taking Picture Taking Picture window. window. Taking Picture Button Modify Button Touch to take a Touch to modify the picture. title of picture. After 3 seconds, the picture is taken. File Copy Button Delete Button Touch to save the Touch to delete desired picture. picture from the list.



Album







Copy important files into File Management which could then be sent as attachments via e-mail.

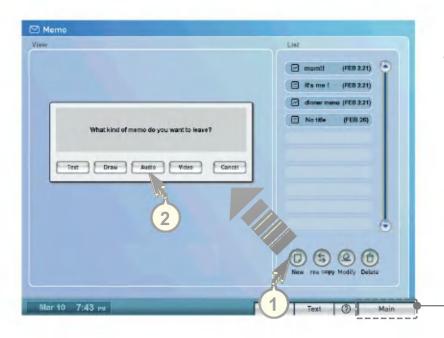




Copy Picture File into File Management...

- Select files to copy into File Management.
- **2** Touch the File copy button.
- 3 Select Yes to copy selected files to File Management.
- Check copied data from the File Management of the Digital Diary.





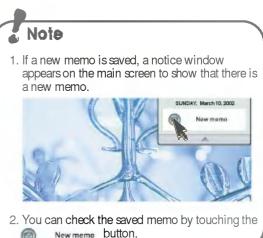


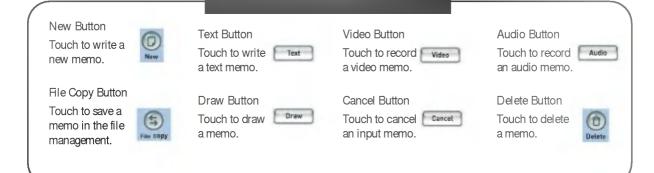
Main

Touch this button to return to the Main screen.

- Touch the New button.

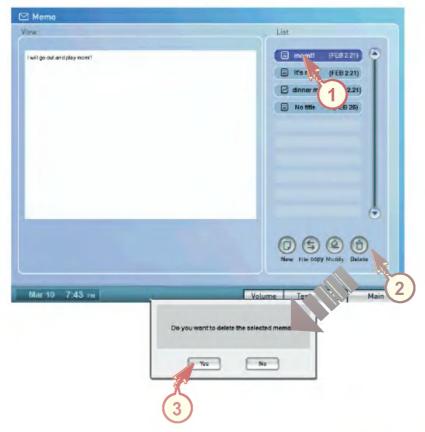
 The Memo type selection window appears.
- Select the type of memo desiring to leave.
 There are four types: Text, Draw, Audio, and Video.



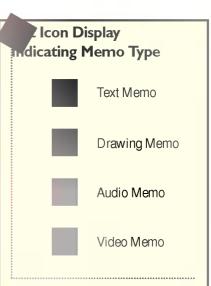






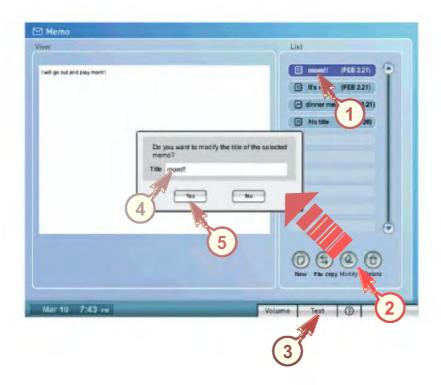


Select the memo to delete.
Contents of memo appear.
Touch the Delete button.
Touch Yes to delete the selected memo.









Modify Memo Name.....

- Select the memo to modify.
- **2** Touch the Modify button.
- Touch the Text button.
 For keyboard operations, see page 17.
- 4 Modify the title.
- 5 Touch the Yes button.

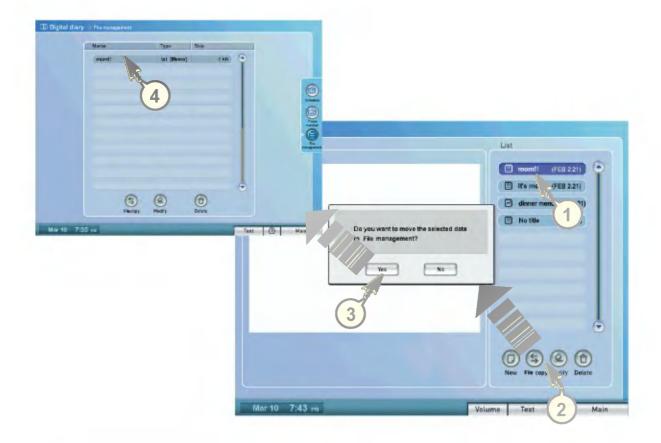
Caution

You can input text only when the cursor blinks on the Title Enter window.

Touch the Enter window if there is no blinking.







Copy Memo Files to the Management...

- Select the files to copy to the File Management.
- **7** Touch the File copy button.
- 3 Select Yes to copy selected files to the File Manage.
- 4 Check copied data from the File Management of the Digital Diary.

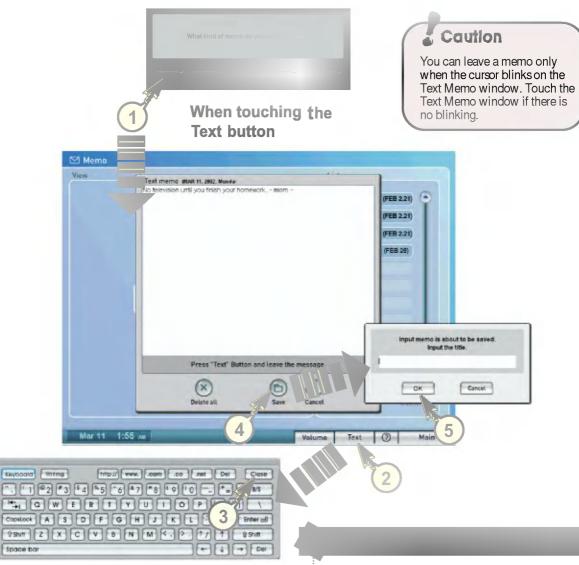


Copy important files into File Management which could then be sent as attachments via e-mail.





Memo - Text memo





Space bar

1. If a memo is saved, a notice window appears on the main screen to show that there is a new memo.



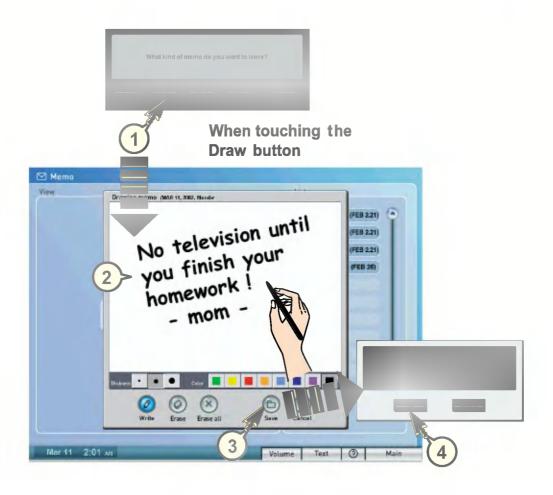
2. You can check a saved memo by pressing the New memo -

- Touch the Text button on the Memo Type window.
- You can write a memo with the keyboard or leave a memo using stylus and the handwriting recognition feature.
- If input is complete, touch the Close button of the keyboard.
- Touch the Save button.
- Input the title by using the keyboard and then touch the OK button.
 - For keyboard operations, see page 17.



Memo - Draw memo





Leave a Draw Memo......

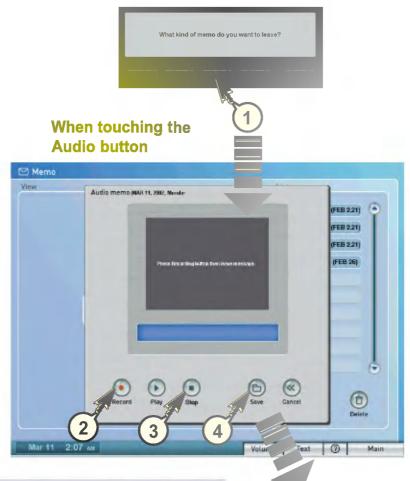
- Touch the Draw button on the Memo Type window.
- 2 You can write a memo by hand or the stylus.
 - Use the icons below on the memo area to adjust the color and line thickness.
- **3** Touch the Save button.
- Input the title using the keyboard and then touch the OK button.
 - For keyboard operations, see page 17.

Save Button Write Button Touch to save Touch to write a memo. Draw memo. Cancel Frase Button Button Touch to erase Touch to the part you want cancel memo to correct using input. hand or the stylus. Erase All Button Touch to delete all input memo.



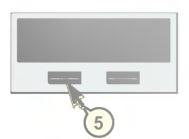


Memo - Audio memo



Leave Audio Memo......

- Touch the Audio button on the Memo Type window.
- 2 Touch the Record button and record audio.
- **3** If recording is finished, touch the Stop button.
 - You can check recorded memo by pressing Play button.
 - Adjust volume by touching the Volume button on the menu bar.
- Touch the Save button.
- Write the title using the keyboard and then touch the OK button.
 - For keyboard operations, see page 17.





Memo - Video memo



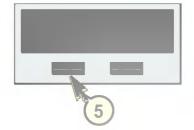


When touching the Video button



Leave Video Memo.....

- Touch the Video button on the Memo Type window.
- 2 Take a pose and then touch the Record button.
- Touch the Stop button when recording is finished.
 - You can check recorded memo by touching Play button.
 - Adjust volume by touching the Volume button on the menu bar.
- Touch the Save button.
- Write the title using the keyboard and then touch the OK button.
 - For keyboard operations, see page 17.







Digital Diary



Schedule

You can manage all types of appointments, anniversaries, birthdays, etc.

2 📵

Phone Number

You can input phone numbers for easy retrieval.

3 (6

File Management

You can easily manage important memos, pictures, or music files which can be downloaded via Internet.



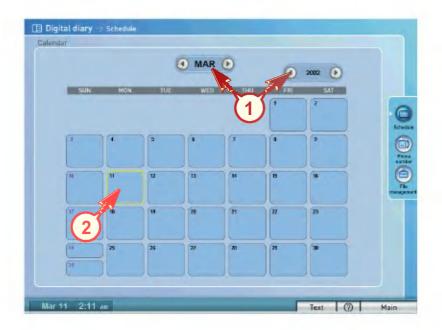
- First set time when installing the refrigerator.
- You can set the time in the Setting area of the Management menu from the main menu.
- Current date is displayed in a yellow memo box.





Digital Diary – Schedule







- Select the year and the month which you want to register.
- Select the date.
- Input schedule information using the keyboard or the stylus.
- Select an Icon.
- 7 Touch the Save button.

- Select the year and the month for which you want to check your schedule.
- 2 Select the date. Icon displayed on that date corresponds to its schedule.







Digital Diary – Schedule



- Touch the Erase button. Erase the part you want to correct using hand or the stylus.
- Touch the Write button. Write new contents using hand or the stylus.
- 7 Touch the Save button.

8 Touch the Erase all button and all the letters will be erased.

Stify Schedule

Notice window will prompt on the main screen notifying an event scheduled for the current date.



You can check schedule by touching the Reminder button.



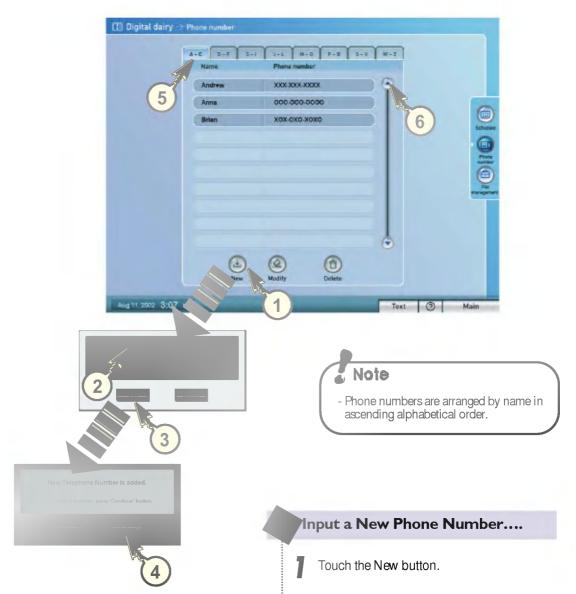
The anniversary Icon cannot be deleted by pressing the Erase button.

It can be deleted by touching the icon again.



Digital Diary – Phone Number





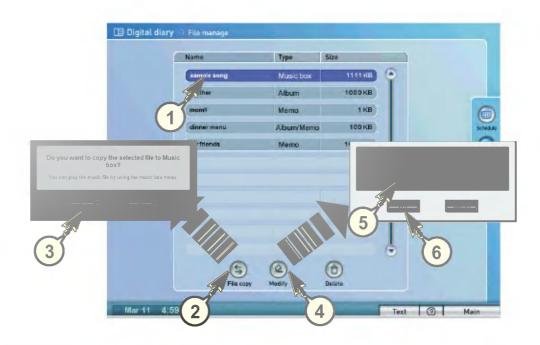
Retrieve Phone Numbers.....

- 5 Touch the relevant page of the name to retrieve.
- 6 Retrieve by using ▲▼ when several of phone numbers exist.
- 2 Input name and phone number using the keyboard.
 - For keyboard operations, see page 17.
- 3 Touch the Save button.
- Touch the Enter button.
 - Touch the Continue button for inputting numbers consecutively.





Digital Diary - File Management



Check the Relevant Files.....

- Select the files to check.
- **2** Touch the File Copy button.
- Select Yes to move selected data.
 You can check files by using the appropriate menu.

wement position depending on file type. avi, mpg, txt Memo bmp, gif, jpg Album, Memo mp3 Music – music box



You cannot move or execute data except for avi, mpg, txt, bmp, gif, jpg, or mp3 files.

- Select files to modify.
- Touch the Modify button.
- 5 Modify the file name using the keyboard.
 - For keyboard operations, see page 17.
- Touch the OK button.



Cook - Cookbook







- The recipes in the cookbook are specific to every country's eating habit.

Main

Touch this button to return to the Main screen.



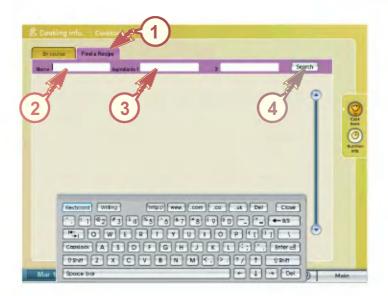


- Select the method to classify the recipe.
- Select desired recipe from each classification item.
- Ingredients, preparation, and recipe for the selected menu appears if you touch
 - You can see the rest of the content by using the ▲ ▼ buttons.





Cook - Cookbook



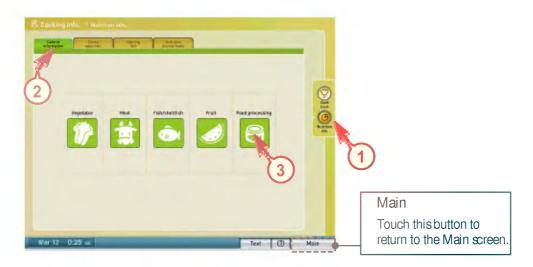
- Touch the Find a Recipe button.
- Input a recipe name to search. - For keyboard operations, see page 17.
- Touch the Search button.

- Input ingredients of recipe to search.
 - You can be more precise in your search if you input for both ingredient 1 and ingredient 2 fields.
 - For keyboard operations, see page 17.
- Touch the Search button.



Cook - Nutrition Info.









- Touch the Nutrition Information button.
- Select the desired information.
- You can check useful nutrition information by selecting the desired classification.



Cook - Nutrition Info.

Iorie Information



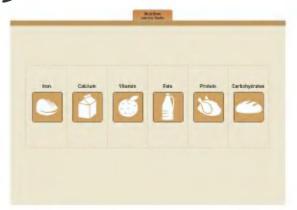
Sods Selection



Moring Tips



Mutrition source foods





Stored Food

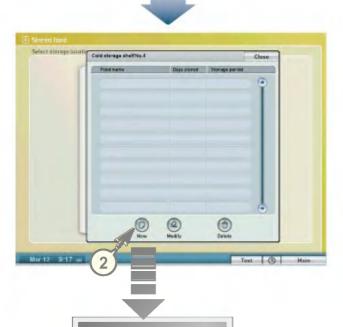




Days stored indicates the period from the date recording/modifying food name to the current time.

Main

Touch this button to return to the Main screen.

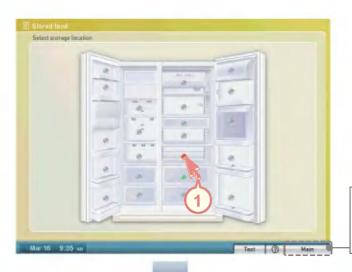


- Touch the circle on the refrigerator diagram where you wish to record your food item.
- Touch the New button.
- Use keyboard to record the name of food item stored.
 - For keyboard operations, see page 17.
- Set the storage period by touching the ▲ ▼.
 - Today's data is displayed in the storage
 - Days stored are automatically calculated from the input date.
- Touch the OK button.
 - The gray circle changes to green if the food list is recorded.

Touch the circle at the desired position.



Stored Food



ormation of Storage eriod Passed

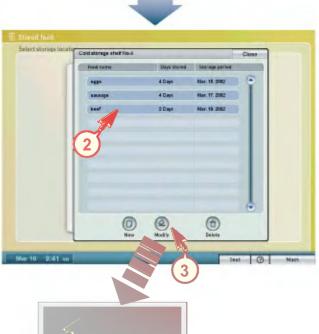
When food lists are empty

When the storage period has not expired

When the storage period expires

Main

Touch this button to return to the Main screen.

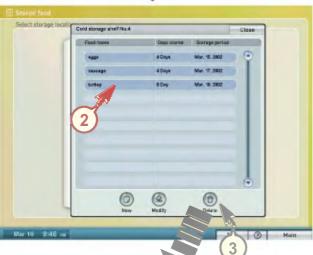


- Touch the circle at the desired position.
- Select the food name to modify.
- Touch the Modify button.
- Modify contents using the keyboard.
 - For keyboard operations, see page 17.
- Touch the OK button.

Stored Food









- Touch the circle at the desired position.
- Select the food name to delete.
- Touch the Delete button.
- Touch Yes to delete the selected item.



- Notice window appears on the main screen to indicate that storage period has expired for some food item.

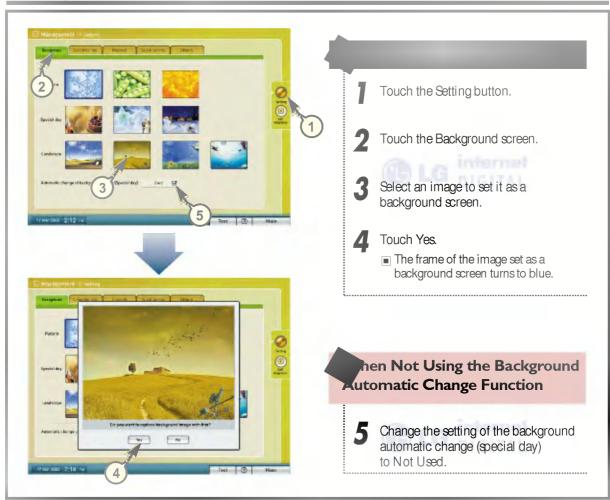


- You can check the stored food expirations by touching the () Check stored food button.





Background



The background image is automatically changed to one of these images(below) for birthdays, anniversaries, and wedding if you have selected the Automatic Change Feature.

- For digital diary operations, see page 33.



Birthday



Wedding



Christmas





Customer Information Setting





- Touch the Setting button.
- Touch the Customer info. button.
- Input Name, Address, Phone number and E-mail Address.
 - For keyboard operations, see page 17.
- Touch the Save button.
- Input the DreamLG username and password.
- Touch the Save button.

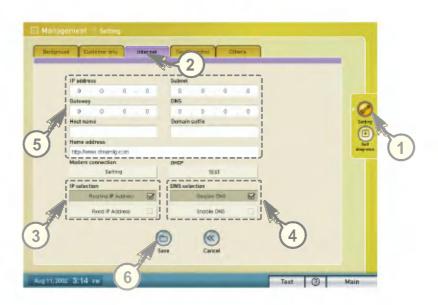
Note

Why should you input DreamLG ID? It is intended to input DreamLG ID for providing more convenient service in connection with an automatic malfunction report or when connected to DreamLG. Connect to the Dream LG website http://www.dreamlg.com and register your DreamLG ID. The input is not always needed.





Internet Setting With a Built-In LAN



- Touch the Setting button.
- 7 Touch the Internet button.
- 3 Select whether you will use a fixed IP address or a floating IP address.
- 4 Select whether you want to enable DNS.
- Input information such as IP address, gateway, subnet, DNS, host name, and domain suffix.
- Touch the Save button.
 - The system will reboot.

Note

- To use Internet, you need a unique address. You must assign an IP address, just as each phone is assigned its own number.
- There are two methods to use IP address.
 The one is to assign fixed IP address and the other is to receive and use floating IP address by using the DHCP server.

Caution

- To setup the internet, you must input the necessary information for IP settings. Contact your ISP and also contact LG service center if you need help. At the initial installation, LG service personnel can help you to set it up. It is advised not to modify the settings after initial installation.





Internet Setting With an External Modem



- Touch the Setting button.
- Touch the Internet button.
- Touch the Modem connection Setting button.
- Check the on the Enable Modem button.
- Input user name, password, and phone number.
- Touch the Save button.
 - The button will appear on the main screen.
- Touch the button on the main screen.
- Touch the Connect button.



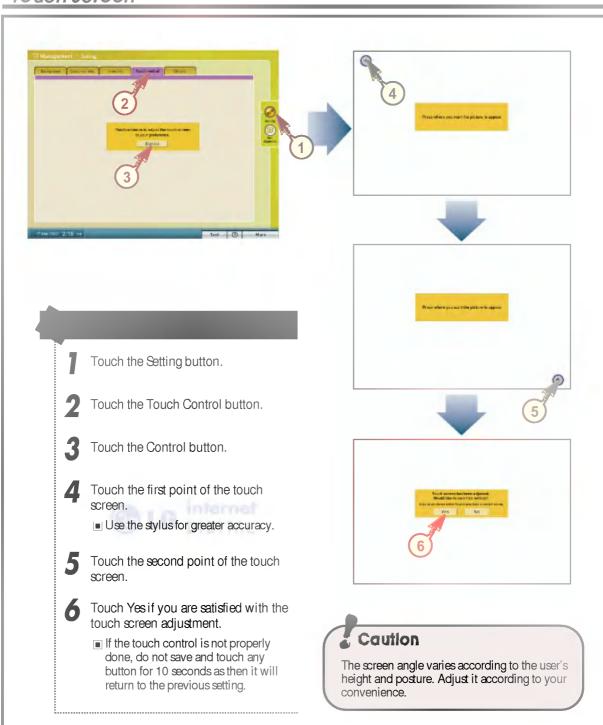
- Touch the 🕥 button on the main screen.
- Touch the Cancel button.

Caution

- Make sure your external modem is connected and turned on.
- Contact your ISP and also contact LG Service Center if you need help.



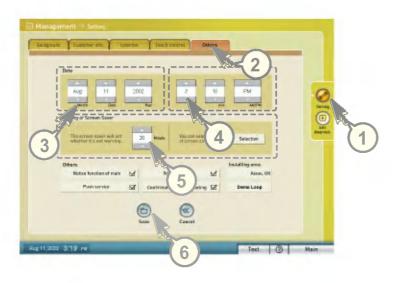
Touch Screen







Others



- Touch the Setting button.
- Touch the Others button.
- Set the date for the Day, Month, and year using the ▲▼ buttons.
- Set the time for Hour, Minute and AM/PM using the ▲▼buttons.
- Touch the Save button.

- Touch the Setting button.
- Touch the Others button.
- Input the activation time for screen
 - Select Never if desiring not to use a screen saver.
- Touch the Save button.

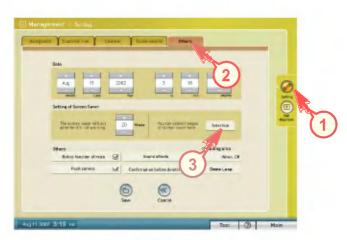
Note

- 1. If you set pictures as your screen saver, these pictures will then appear continuously when screen saver mode activates.
- 2. In case no picture is set, it will be changed to the power saving mode in which the monitor
- First, set time when the refrigerator is installed.





Others



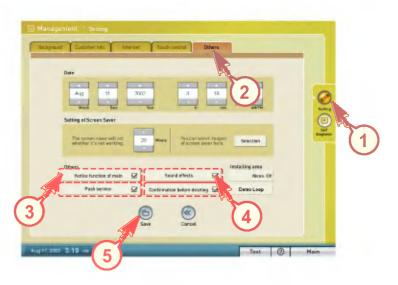




- Touch the Setting button.
- Touch the Others button.
- Touch the Selection button.
- Select all the pictures you wish to set for your screen saver.
 - The frame will turn blue.
- You can preview pictures of the screen saver by touching Preview button.
- Touch the Save button.



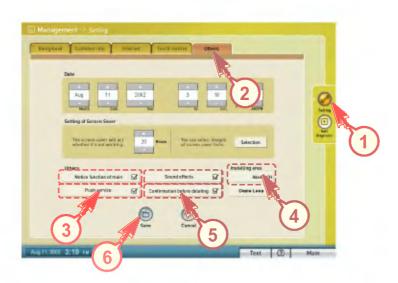
Others



- In settings you have an option to use the notice window on the main screen to notify you about a new memo, scheduled event, food storage expiration date, or malfunction. See pages 25, 35, and 44.
- Touch the Setting button.
- Touch the Others button.
- Select whether you will use this function.
- Touch the Save button.

- This turns the click sound on or off.
- Touch the Setting button.
- Touch the Others button.
- Select whether you will use this function.
- Touch the Save button.

Others



- In settings you have an option to see weather information on the main screen.
- Touch the Setting button.
- Touch the Others button.
- Select whether you will use this function.
- Select your area.
- Touch the Save button.



- In settings you have an option to enable or disable the display of an alarm message while deleting files.
- Touch the Setting button.
- Touch the Others button.
- Select whether you will use this function.
- Touch the Save button.
- ✓ Caution
- Important files may get deleted by mistake if confirmation message function in deletion is not opted for.



Management – Self-Diagnosis



In Normal Operation



When a failure is found through self-diagnosis, you can automatically report it to the service center via Internet.

Touch the Self-diagnosis button.

Defects That Can Be Detected Through Self-Diagnosis.

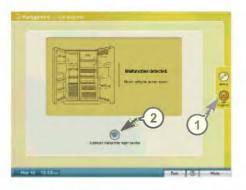






Figure 1. Internet report successful.



- Touch the Self-Diagnosis button.
- Touch the Automatic Malfunction Report Service button.



Figure 2. Internet report failed. When Figure. 2 appears, call the service center on the phone.



This refrigerator has a self-diagnosis feature for the refrigerator and freezer. Other problems, such as shelf damage cannot be detected through selfdiagnosis. In such a case, report these faults via Internet or call the Authorized Service Center immediately. If the Internet is not available, telephone your servicer.



First, input your DreamLG ID in the Internet section of the Management menu before sending an automatic malfunction report. If a malfunction occurs, do not turn the power off but contact an Authorized Service Center.

Management – Self-Diagnosis

Defects That Cannot Be Detected Through Self-Diagnosis.

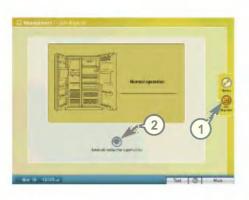






Figure 1. Internet report successful





Figure 2. Internet report failed.

Case of Defects That Cannot Be etected Through Self- diagnosis

- Touch the Self-Diagnosis button.
- Touch the Automatic Malfunction Report Service button.

Caution

- 1. If Internet report succeeded, you will see the message shown in Figure 1.
- 2. If it failed, you will see the message shown in Figure 2.



Appendix I – TV Closed Captions (For USA version only)

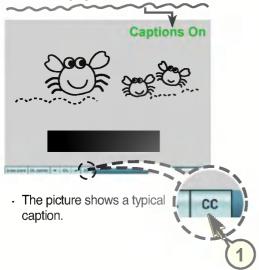




Note

Closed captioning is a process which converts the audio portion of a television program into written words which then appears on the television screen in a form similar to subtitles. Closed captions allow viewers to read the dialogue and narration of television programs.

It will be displayed for about 3 seconds.



Captions are the subtitles of the dialogue and narration of television programs, For prerecorded programs, program dialogue can be arranged into captions in advance. It's possible to caption a live program by using a process called real-time captioning, which creates captions instantly. Real-time captioning is normally done by professional reporters using a machine shorthand system and computer for translation into English. Captioning is an effective system for the gearing-impaired, and it can also aid in teaching language skills.

Poor reception conditions are encountered:

- IGNITION:

Picture may flutter, drift, suffer from black spots or horizontal streaking. Usually caused by interference from automobile ignition systems, neon lamps, electrical drills, and other electrical appliances.

- GHOSTS:

Ghosts are caused when the TV signal splits and follows two paths. One is the direct path and the other is reflected off from tall buildings, hills or other objects. Changing the direction or position of the antenna may improve reception.

- SNOW:

If your receiver is located at the weak fringe area of a TV signal, your picture may be marred by small dots. It may be necessary to install a special antenna to improve the picture.

- An old, bad, or illegally recorded tape is played.
- Strong, random signals from a car or airplane interfere with the TV signal.
- The signal from the antenna is weak.
- The program wasn't captioned when it was produced, transmitted, or taped.

1

Touch the CC button.

To disable this function, touch the CC button again.





Appendix □ – Parental Control overview (For USA version only)





Note

- Parental Control can be used to block specific channels, ratings and other viewing sources.
- The password will be required to gain access to Parental control if the Lock System is turned on.

The parental Control Function (V-Chip) is used to block program viewing based on the ratings sent by the broadcast station. The default setting is to allow all programs to be viewed. Viewing can be blocked by the type of program and by the categories chosen to be blocked. To use this function, the following must be set:

- 1. Ratings and categories to be blocked.
- 2. Set a password.
- 3. Enable the lock.

Rating guidelines are provided by broadcast stations. Most television programs and television movies can be blocked by TV Rating and/or Individual Categories. Movies that have been shown at the theaters or direct-to-video movies use the Movie Rating System(MPAA) only.

Movie Ratings:

- Unblocked
- G (General audience)
- PG (Parental guidance suggested)
- PG 13 (13 years)
- R (Restricted)
- NC 17 (18 years)
- X (Adult)

If you set PG - 13: R, NC - 17 and X will automatically be blocked.

Television Programs Including Mader-TV Movies

TV Ratings (Age):

- Unblocked
- TV Y (Youth)
- TV Y7 (Youth, 7 years)
- TV G (General audience)
- TV PG (Parental guidance suggested)
- TV 14 (14 years)
- TV MA (Mature audience)

Content Categories:

- Dialog Sexual dialogue (applies to TV - PG, TV - 14)
- Language Adult language (applies to TV - PG, TV - 14, TV - MA)
- Sex scenes Sexual situations (applies to TV - PG, TV - 14, TV - MA)
- Violence (applies to TV - PG, TV - 14, TV - MA)
- F Violence Fantasy violence (Applies only to TV - Y7)
- No Rating





(For USA version only)









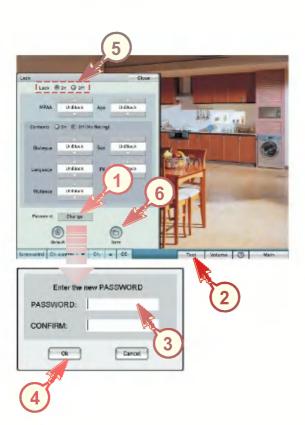
- Touch the Lock button.
- Touch the Text button.
 - For keyboard operations, see page 17.
- Input the password.
 - Factory preset password: 1111.
 - password must be entered in range of one to eight alphanumeric characters.
- Select the types of blocking to be set.
 - Parental restrictions can be set up using either of two method: The MPAA or the Age (TV guidelines) ratings.
- Use the ▲▼ buttons to select the types of ratings to block.
- The TV guidelines(Age) have additional options. You can change any of the subratings.
- Touch the Save button.





Appendix □ – Parental Control overview (For USA version only)





- Touch the Change button.
- Touch the Text button.
 - For keyboard operations, see page 17.
- Enter the new password.
 - Password must be entered in range of one to eight alphanumeric characters.
- Touch the OK button.

Select On or Off.

Touch the Save button.





Appendix III – Method of Writing Characters LG Internet



1. Writing Capital Letters

<u></u>	Writing Method	 Writing Method
	EG .	
B		
E		
•	4- 76 1	
		S
Ļ,		
). Vij	M North	ZZ





Appendix III – Method of Writing Characters



2. Writing Lowercase Letters

	Writing Method	Writing Method
Image: Control of the control of th		
C		
	NEAS:	y za za w
		Z , A B
Section (Asserting to Section 1)	se security and the second sec	200 1000 1000 1000 1000 1000 1000 1000

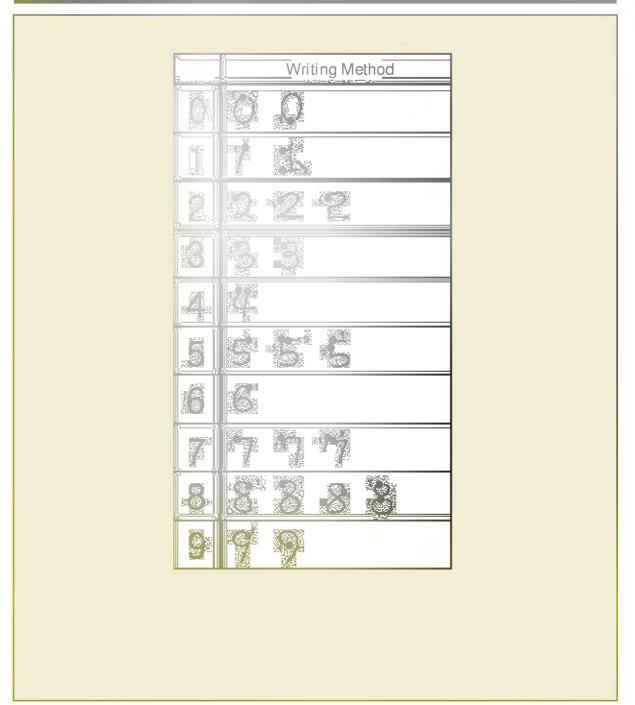




Appendix Ⅲ – Method of Writing Characters



3. Writing Numbers







Appendix Ⅲ – Method of Writing Characters

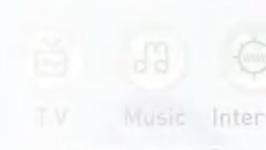


4. Writing Special characters

Er	Writing Method	4 3	Writing Method
	N:	# # # # # # # # # # # # # # # # # # #	
			Č
17 6 A			
(0/)	93 93	(2) (3)	i.
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		# #	
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2000 A		35kg	
		Š	
Tr.	war and the same a		











LRSPC2661T SXS REFRIGERATOR

User's Guide

Please read this guide thoroughly before operating, and keep it handy for reference at all times.

CAUTION

Do not attempt to modify this product in any way without written authorization from LG Electonics, Inc.

Unauthorization modification could void the user's authority to operate this product.

The responsible party for this device compliance is:

LG Electronics USA, INC.

201 James Record Road

Huntsville, AL 35824-0126 USA

1-256-774-4059

FCC Notice

NOTE: This equipment has been tested and found to comply with the limits for a Class B Digital Device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipmint generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instruction, may cause harmful interference to radio communication. However, there is no guarantee that interference will not occur in a particular installation. If this equipment dose cause harmful interference to radio or television reception. Which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver
- Connect the equipment into an oulet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

Table of Contents

Introduction	Entry	_			
	Important Safety Instruction	<u> </u>			
	Identification of Parts	_			
Installation	Where to Install	-			
	Door Removal	<u> </u>			
	Mounting the freezer and refrigerator compartment doors —————				
	Feed Water Pipe Installation				
	Water connection instruction guide				
	Operation instruction guide	<u> </u>			
	Height Adjustment				
	Method to Connect Cables				
Operation	Starting —	-			
	Adjusting the Temperatures and Functions ————————————————————————————————————	_			
	(Dispenser / Automatic Icemaker)				
	Screen Usage —	-			
	Remote Control Usage ————————————————————————————————————	_			
	Shelf ————————————————————————————————————	<u> </u>			
	Egg Box —				
	Switching Between Vegetable and Fresh Compartments ————				
	Deodorizer —	<u> </u>			
Suggestion on food storage	Location of Foods	_			
	Storing Foods				
Care and maintenance	How to Dismantle Parts				
	General Information	<u> </u>			
	Cleaning				
	Trouble Shooting				

Entry

The model and serial numbers are found on the inner case or back of refrigerator compartment of this unit. These numbers are unique to this unit and not available to others. You should record requested information here and retain this guide as a permanent record of your purchase. Staple your receipt here.

Date of purchase	:	
Dealer purchased from	:	
Dealer address	:	
Dealer phone no.	:	
Model no.	:	
Serial no.	:	

Important safety instruction

Before it is used, this refrigerator must be properly installed and located in accordance with the installation instructions in this document.

Never unplug your refrigerator by pulling on the power cord. Always grip plug firmly and pull it straight out from the outlet.

When moving your appliance away from the wall, be careful not to roll over the power cord or to damage it in any way.

After your refrigerator is in operation, do not touch the cold surfaces in the freezer compartment, particularly when your hands are damp or wet. Skin could adhere to these extremely cold surfaces.

Unplug the power cord from the power outlet for cleaning or other requirements. Never touch it with wet hands because of the risk of electric shock.

Never damage, severely bend, pull out, or twist the power cord because damage to the power cord may cause a fire or electric shock.

Never place glass products in the freezer, because they may be broken due to expansion when their contents are frozen.

Never place your hands within the ice storage bin of the automatic ice maker. You could be hurt by the operation of the automatic ice maker.

The appliance is not intended for use by young children or infirm persons without supervision.

Young childeren should be supervised to ensure that they do not play with the appliance.

Never allow anyone to climb, sit, stand or hang on the refrigerator. These actions may damage the refrigerator and even tip it over, causing severe personal injury.

Recommended Grounding Method Before you move your refrigerator into its final location, it is important to make sure you have the proper electrical connection:

A 115 Volt, 60 Hz., AC only 15 or 20 ampere fused, grounded electrical supply is required. It is recommended that a separate circuit serving only your refrigerator be provided. Use an outlet that cannot be turned off by a switch. Do not use an extension cord.

The refrigerator-freezer should be so positioned that the supply plug is accessible for quick disconnection when accident happens.

If the supply cord is damaged, it must be replaced by the manufacturer or its service agent or a similarly qualified person in order to avoid a hazard.

Accessibility of Supply Plug

> **Supply Cord Replacement**

Child entrapment warning

DANGER: Risk of child entrapment.

Before you throw away your old refrigerator or freezer:

Take off the doors but leave the shelves in place so that children may not easily climb inside.

The appliance is not intended for use by young children or infirm persons without supervision.

Young children should be supervised to ensure that they do not play with the appliance.

Storage Warning

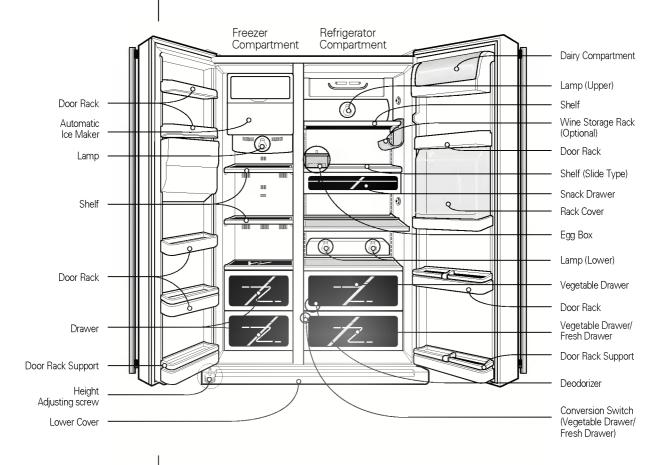
Storage warning or use gasoline or other flammable vapor and liquids in the vicinity of this or any other appliance.

Grounding

In the event of an electric short circuit, grounding reduces the risk of electric shock by providing an escape path for the electric current.

In order to minimize the possibility electric shock, this appliance must be grounded Improper use of the grounding plug can result in an electric shock. Consult a qualified electrician or service person if the grounding instructions are not completely understood, or if you have doubts on whether the appliance is properly grounded.

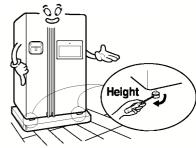
Identification of Parts



Where to Install

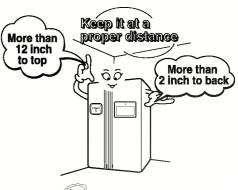
Strong and even floor

Unstable installation may cause vibration and noise. If the floor on which to install the refrigerator is not even, make the refrigerator level by rotating the height adjusting screw. Carpet or floorcloth a refrigerator is installed may be discolored by heat from the bottom of the refrigerator. So, it may be necessary to place a thick pad below the refrigerator.



A proper distance from adjacent items

Please keep the refrigerator at a proper distance from other things. Too small a distance from adjacent items may result in lowered freezing capability and increased electricity charges consumption.



Where feed water pipe can be easily connected in a dry place

Select a place where a feed water pipe can be easily connected to the automatic ice maker and dispenser.

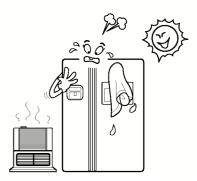
In a wet or damp place, the refrigerator could rust or pose risk of electrical shock.



Where is free from heat or coal gas

In places where ambient temperature is high, freezing capability deteriorates and cost of electricity is increased.

Coal, gas, and smoke may discolor the appearance of refrigerator.



NOTE

• Install the refrigerator at a place where the ambient temperature is 41 °F ~ 109 °F. Too high or low ambient temperature may cause functional troubles. Also, the tube between the dispenser and automatic ice maker may freeze.

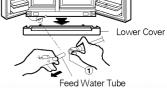
Door Removal

If your access door is too narrow for the refrigerator to pass the through, remove the refrigerator door and pass the refrigerator

laterally.

Remove lower cover and then feed water pipe

Remove the lower cover by lifting upward, and then pull up the feed water tube while pressing area $\mathbb O$ shown in the figure to the right.

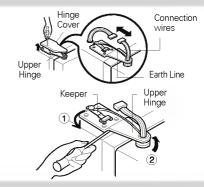


NOTE

• If a tube end is deformed or jagged, cut the damaged portion away.

Remove the freezer compartment door

- 1) Separate all connection wires except for the earth line after removing the hinge cover by loosening the screws.
- 2) Remove the keeper by rotating it to counted clockwise (①) and then lifting the upper hinge up (②).



NOTE

- In removing the upper hinge, use caution so that the door does not to fall over frontward.
- 3) Remove the freezer compartment door by lifting it upward. This time, the door should be lifted enough for the feed water pipe tube to be completely pulled out.

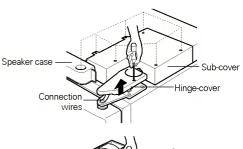


NOTE

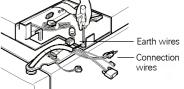
• Move the refrigerator compartment door passing through the access door and set it aside but be careful not to damage the feed water pipe tube.

Remove the refrigerator door

 Loosen screws of the hinge-cover, Sub cover and speaker case and Remove the covers.

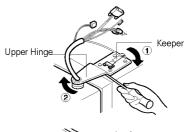


2) Loosen screws of the earth wires. Disconnect all connection wires.



Remove the refrigerator door

3) Remove keeper by rotating it clockwise (①) and then remove the upper hinge by lifting it up (②).

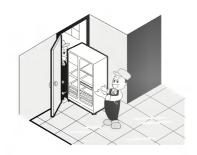


4) Remove the refrigerator compartment door by lifting it up.



Pass the refrigerator

Pass the refrigerator laterally through the access door as shown in the right figure.



Mounting the freezer and refrigerator compartment doors

Mount them in the reverse sequence of removal after they pass through the access door

Feed water pipe Installation

Before installation

- Automatic ice maker operation needs water pressure of 147~834 kPa (1.5~8.5 kgf/cm²) (That is, an instant paper cup (180 cc) will be fully filled within 3 sec.).
- If water pressure does not reach the rating 147 kPa (1.5 kgf/cm²) or below, it is necessary to purchase a separate pressure pump for normal automatic icing and cool water feed.
- Keep the total length of the feed water pipe tube below 472 inch and exercise caution in bending the tube. If the tube is 472 inch or longer it may cause trouble in water feed owing to the reduced water pressure.
- Install the feed water pipe tube at a place free from heat.

Warning

Connect to potable water supply only.

Water connection instruction guide

Connecting the refrigerator to a water source

Read all directions carefully before you begin.



Connect to potable water supply only.

IMPORTANT

- If operating the refrigerator before installing the water connection, turn ice maker to the **OFF** position to prevent operation without water.
- All installations must be in accordance with local plumbing code requirements.
- Use copper tubing and check for leaks.
- Install copper tubing only in areas where temperatures will remain above freezing.
- It may take up to 24 hours for your ice maker to begin producing ice.

Tools required

- Standard screwdriver
- 7/16 inch and 1/2 inch open-end wrenches or two adjustable wrenches
- 1/4 inch nut driver
- 1/4 inch drill bit
- Hand drill or electric drill (properly grounded)

NOTE

• Your refrigerator dealer has a kit available with a 1/4 - inch saddle-type shut - off valve, a union, and copper tubing. Before purchasing, make sure a saddle-type valve complies with your local plumbing codes. Do not use a piercing-type or 3/16 - inch saddle valve which reduces water flow and clogs more easily.

Cold water supply

The ice maker water valve contains a flow washer which is used as a water pressure regulator.

The ice maker needs to be connected to a cold water line with water pressure $207 \sim 827$ kPa ($30 \sim 120$ psi).

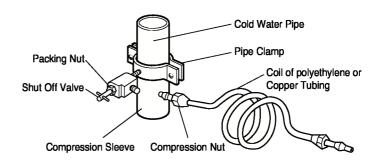
If a problem occurs, call your utility company.

Connect the tubing to water line

- 1. Unplug refrigerator or disconnect power.
- 2. Turn OFF main water supply. Turn ON nearest faucet long enough to empty water pipes.
- 3. Find a 1/2 inch to 1-1/4 inch vertical COLD water pipe near the refrigerator.

NOTE

- Horizontal pipe will work, but the following precaution must be taken: Drill on the top side of the pipe, not the bottom. This will help keep water away from the drill. This also keeps normal sediment from collecting in the valve.
- 4. To determine the length of copper tubing you will need, measure from the connection on the lower left rear of the refrigerator to the water pipe. Add 7 feet (2.1m)to allow for moving refrigerator for cleaning. Use 1/4 -inch O.D. (outside diameter) copper tubing. Be sure both ends of copper tubing are cut square.
- 5. Using a grounded drill, drill a 1/4 inch hole in the cold water pipe you have selected.
- 6. Fasten shut off valve to cold water pipe with pipe clamp. Be sure outlet end is solidly in the 1/4-inch drilled hole in the water pipe and that the washer is under the pipe clamp. Tighten packing nut. Tighten the pipe clamp screws carefully and evenly so washer makes a watertight seal. Do not over tighten or you may crush the copper tubing, especially if soft (coiled) copper tubing is used. Now you are ready to connect the copper tubing.
- 7. Slip compression sleeve and compression nut on copper tubing as shown. Insert end of tubing into outlet end squarely as far as it will go. Screw compression nut onto outlet end with adjustable wrench. Do not over tighten.
- 8. Place the free end of the tubing into a container or sink, and turn ON main water supply and flush out tubing until water is clear. Turn OFF shut off valve on the water pipe. Coil copper tubing.



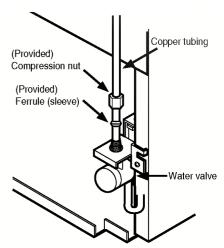
Connect the tubing to

the refrigerator

Operation instruction guide

Before making the connection to the refrigerator, be sure the refrigerator power cord is not plugged into the wall outlet.

- 1. Remove the plastic flexible cap from the water valve.
- 2. Place the compression nut and ferrule (sleeve) onto the end of the tubing as shown.
- 3. Insert the end of the copper tubing into the water valve connection as far as possible. While holding the tubing, tighten the fitting.



Turn the water on at the shutoff valve

Tighten any connections that leak.

Plug In the Refrigerator

Arrange the coil of copper tubing so that it does not vibrate against the back of the refrigerator or against the wall. Push the refrigerator back to the wall.

Start the Icemaker

Set the ice making stop switch to the ON position The icemaker will not begin to operate until it reaches its operating temperature of 15 °F (-9 °C) or below. It will then begin operation automatically if the ice making stop switch is in the ON position.

Automatic ice maker

- The automatic ice maker can automatically make 8 pieces of ice cube at a time, 80-100 pieces a day.
 - But these quantities may be varied according to various conditions including how many times the refrigerator door opens and closes.
- Ice making stops when the ice storage bin is full.

NOTE

• It is nomal that a noise is produced when ice made is dropped into the ice storage bin.

When ice maker does not operate smoothly

Ice is clumped together

- When ice is clumped together, take the ice clumps out of the ice storage bin, break them into small pieces, and then place them into the ice storage bin again.
- When the ice maker produces too small or clumped ice, the amount of water supplied to the ice maker need to adjusted. Contact the service center.
- If ice is not used frequently, it may clump together.

Power failure

• Water may drop into the freezer compartment. Take the ice storage bin out and discard all the ice then dry it and place it back.

The unit is newly installed

• It takes about 12 hours for a newly installed refrigerator to make ice in the freezer compartment.



Throw away the ice (about 20 pieces) first made after refrigerator installation.

The first ice and water may include particles or odor from the feed water pipe or feed water box.

This is also necessary if the refrigerator has not been used for a long time.

Never store beverage cans or other foods in ice storage bin for the purpose of rapid cooling.

Such actions may damage the automatic ice maker.

Never remove the ice maker cover.

Sometimes level the surface so that the ice storage bin is fully filled with ice.

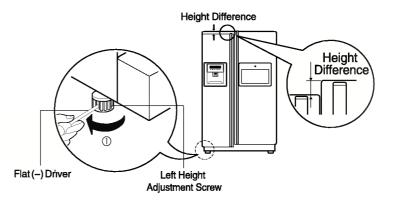
Ice may pile up just around the ice maker causing the ice maker to think that the ice storage bin is ful.

If discolored ice is dispensed, immediately contact Service Center. Do not use until problem is solved.

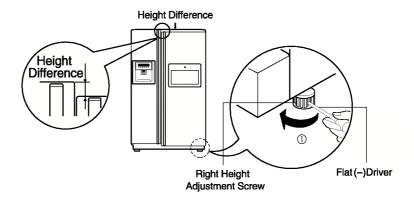
If the freezer compartment door is lower than the refrigerator compartment door

Height Adjustment

Make them level by inserting flat-head screw driver into the groove of the left height adjusting screw and rotating it clockwise (①).



If the freezer compartment door is higher than the refrigerator compartment door Make them level by inserting flat-head screw driver into the groove of the right height adjusting screw and rotating it clockwise (①).



After leveling the door height

Refrigerator door will close smoothly by raising the door's side via the height adjusting screw. If the door does not close well because of unequal door heights, performance may be affected.

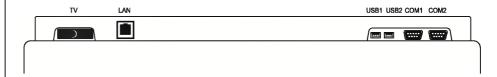
Method to Connect Cables

Connection Terminal

There is a terminal on the rear upper part of refrigerator where the external devices can be plugged-in.

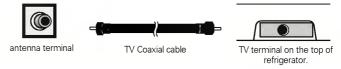
- For connection, turn the connection terminal clockwise and tighten.
- In connecting coaxial cables take care so that copper wires will not be bent.
- USB 1/2, COM 1/2 are external expansion terminals used in servicing.

Rear Upper Side of Refrigerator



Connect to TV-antenna

 Connect the TV terminal on the top of the refrigerator to antenna terminal with coaxial cable.



Caution!

- Install the antenna in a place separated from power transmission lines. Contact antenna may cause electrical shock.
- Install with adequate space so that even if antenna falls down due to severe wind, it will not contact adjacent power lines.
- If the antenna cable attaches to the refrigerator from outdoors, be sure that the cable bends upward coming into the refrigerator. Entry of water into the refrigerator's electronic inputs may cause electrical shock.

Connect to Video

Select TV channel 3 or 4 when connecting an auxiliary video source.

The channel selected must correspond to the channel switch on the rear side of the video source.

 Connect the refrigerator and the video source using the RF coaxial cable and its corresponding jacks



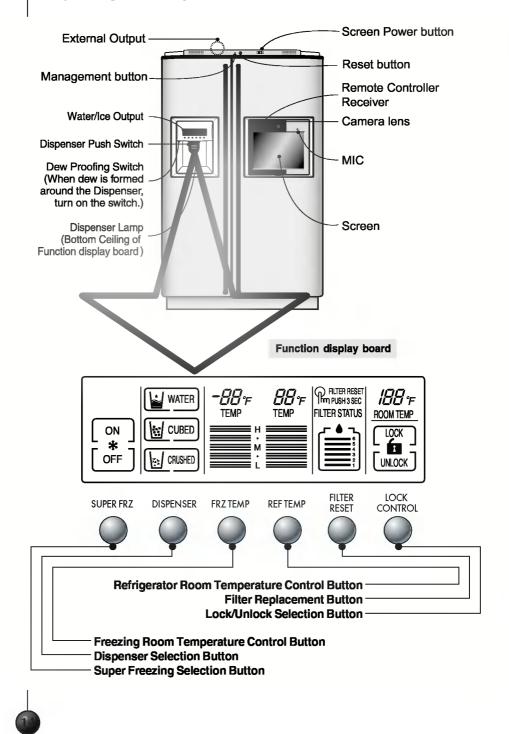
Connect to Outside Speaker (audio)

• When high volume sound is required, connect the audio source to an external speaker.

Starting

When your refrigerator is first installed, allow it to stabilize at normal operating temperatures for 2-3 hours prior to filling it with fresh or frozen foods. If power is interrupted, wait 5 minutes before restarting.

Adjusting the temperatures and functions



LCD Back Light

LCD back light turns on to allow easy viewing of status in following cases:

- When powering on
- When touching desired button
- When opening the refrigerator or freezer door

Touching any button when the LCD back light is turned off only turns on the LCD back light. No setting status is changed.

The LCD back light turns off for power saving in following cases:

- When a minute has passed after powering on
- When a minute has passed after opening or closing doors of refrigerator (refrigerator section, freezer section)
- When there is no button operation for a minute after touching the desired button.

Black lines may appear when the display window is rubbed during cleaning. This is a normal phenomenon of LCD displays. The black lines quickly disappear.

You can adjust temperature of and freezer section and refrigerator section.

How to adjust the temperature in the freezer compartment

How to adjust the temperature in the refrigerator compartment

reezer section temperature adjustment



refrigerator section temperature adjustment

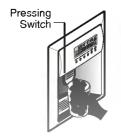


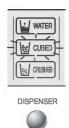
- Repeated pressing of the FRZ TEMP or REF TEMP button raises the temperature from Low to Medium to High. From High the setting changes back to Low.
- Actual inside temperature may vary depending on the status of food. The displayed setting temperature is not actual temperature but target temperature.
- Refrigeration function is weak at initial startup. Control temperature as above after using it for at least two or three days.

Dispenser use selection

You can select water or ice.

- * Please select water, crushed ice or cubed ice by pressing the button as you desire.
- ★ Selection option is repeated in the order of (Crushed) → (Water) → (Cubed) whenever the button is pressed.
- * Gently press the push button with the cup.
 - The selected option is indicated on the display.
 - After ice is dispensed, a tap or click may be heard. This is normal. It is the sound of the ice dispenser door closing.







- The automatic icemaker can automatically make 8 ice cubes at a time, 80 pieces a day. But these quantities may vary according to operating conditions including how many times the refrigerator door opens and closes.
- Ice making stops when the ice storage bin is full.

NOTE

- It is normal that a noise is produced when ice is dropped into the ice storage bin.
- Reference: When removing cup from the pressing switch after receiving ice or water, please wait for 2-3 seconds in order to get the last portion of crushed ice or

When Icemaker does not operate smoothly

Ice is lumped together

- When ice is lumped together, take the ice lumps out of the ice storage bin, break them into small pieces, and then place them into the ice storage bin again.
- When the icemaker produces too small or lumped together ice, the amount of water supplied to the icemaker need to adjusted. Contact the service center.
- * If ice is not used frequently, it may lump together.

Power failure

• Ice may drop into the freezer compartment. Take the ice storage bin out and discard all the ice then dry it and place it back. After the machine is powered again, crushed ice will be automatically selected.

The unit is newly installed

• It takes about 12 hours for a newly installed refrigerator to make ice in the freezer compartment.

Super freezer

Use for rapid freezing in the rapid freezing compartment within the freezer.

• 'On' and 'Off' cycles whenever the pushed.







Ex) In selecting

- The arrow mark graphic remains on after blinking 4 times when SUPER FRZ is initially activated.
- SUPER FRZ automatically turns off after it has been on for some time.
- Rapid freezing time may vary depending on the status of the freezing section or the type or condition of foods included in the rapid freezing compartment.

Lock

Use to prevent other settings from being accidentally changed.

 'Lock' and 'Release' cycle whenever the button is pressed.

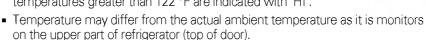




The other functions

Ambient temperature display window.

- Temperature is displayed only between 16 °F ~ 120 °F.
- Temperatures lower than 14 °F are indicated with 'LO' and temperatures greater than 122 °F are indicated with 'HI'.



Door open warning

- A warning alarm sounds at an interval of 30 seconds if a minute passes with the door of refrigerator left or not completely closed.
- Please contact the local service center if warning continues to sound even after closing the door.

Diagnosis (failure detection) function

- The diagnosis function automatically detects failure if one occurs in the product during the use of the refrigerator.
- If a failure occurs in the product, its display and/or buttons will cease to function properly. In this case, do not turn power off but immediately contact the local service center. The service engineer will require considerably more time to diagnose the problem if the refrigerator has been turned off.

How to use dispenser

• Select crushed ice, water or cubed ice and gently press the push switch with a glass or other container.

Water

Light the water indicating lamp by pressing the selection button.

• Water will be dispensed by pressing the push switch with a glass.

Crushed ice

Light the crushed ice indicating lamp by pressing the selection button.

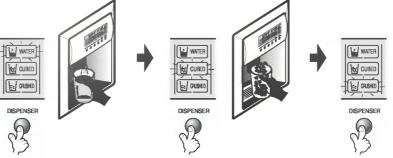
• Crushed ice will be dispensed by pressing the push switch with a glass.

Cubed ice

ROOM TEMP

Light the cubed ice indicating lamp by pressing the selection button.

 Cubed ice will be dispensed by pressing the push switch with a glass.



Filter Status Display Function

- Remaining filter replacement period is displayed by month according to the figure on the right. The indicator will reset when power is removed and then reapplied to the refrigerator.
- Text and graphic called as Text and graphic called as status text of LCD if 6 months have passed.
- Reset the filter status indicator by touching the filter replace button for more than 3 seconds after replacing the 6-month filter.



Cautions

Throw away the ice (about 24 pieces) and water (about 7 glasses) first made after refrigerator installation.

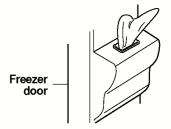
The first ice and water may include particles or odor from the feed water pipe or feed water box. This is necessary in case that the refrigerator has not been used for a long time.

Keep children away from the dispenser.

Children may push switch incorrectly.

Be careful that food is not blocking. the ice passage.

If foods are placed at the entrance of ice passage, ice may not be dispensed. The ice passage may also be covered with ice if crushed ice is used exclusively. In this case, remove the crushed ice that has accumulated.



Never store beverage cans or other foods in ice storage bin for the purpose of rapid cooling.

Such actions may damage the automatic ice maker.

Never use thin crystal glass or crockery to collect ice.

Such glasses or containers may be broken.

Put ice into a glass before filling water or other beverages.

Liquid may splash if ice is added to existing liquid in a glass.

Never touch the ice outlet with hand or tools.

Such contact may cause damage to the dispenser or injury to the hand.

Never remove the ice maker cover.

Verify that the refrigerator is properly leveled so that the ice storage bin can be completely full. If the unit is not level, the ice maker could cease ice production prematurely.

If discolored ice is dispensed, immediately contact Service Center, and discontinue use.

Never use a glass that is too narrow fore the ice.

Ice may be jammed in ice passage and, thus, the refrigerator may be failed.

Keep the glass at a proper distance from ice outlet.

A glass too close to the outlet may hinder ice from coming out.

Make sure that the area around the door switch is free from any substance that would attract insects, as insects can hinder proper operation of the switch.

For more details, see the digital guide.

Screen Usage

Do not scrub the screen with abrasives, knives, or other sharp utensils. Pressing the screen too strongly may damage LCD screen.

It is better write by using a touch pen for more clarity.

- The touch pen is attached to the right side of the screen.
- Push the frame of the screen with hands in order to close the screen after using it if the screen was set to the tilted position.

Remote Control Usage

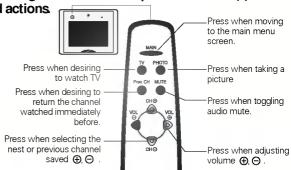
Caution!

- Avoid exposing the remote to high heat or moisture as the remote is composed of sensitive, precision electronics.
- Strong shock of any kind may result in failure of the remote.
- The refrigerator's remote will not properly operate a normal television set.
- Do not use batteries other than the indicated type.
- Do not use new batteries and old batteries together. Doing so may cause fire or electrical shorting due to the rupture of the batteries.
- When inserting batteries into the remote, observe the polarity (+/-) indications. Failure to observe polarity indications may cause damage to the remote.
- Dispose properly of used batteries. Keep used batteries out of reach of children. If a child swallows a battery, consult a physician immediately.
- Place cells at a place where child's hands shall not touch with them. If the child swallow them, please consult the doctor immediately.

Function of Remote Control

Point the remote toward the refrigerator screen and press the button(s) corresponding to the desired actions.

- You can easily select next or previous channel and control volume by using the remote control.
- Make sure no obstacles exist between remote control and the IR (infrared) receiver on the refrigerator.



Method to Change Batteries

- Remove the lid pressing it toward No.1 and then lifting it up toward No.2.
- Replace the batteries according to the polarity indicated inside the remote control and then close the lid.
- Replace old batteries with 2 new, 1.5V, AAA type cells.
- The lifespan of a battery is about a year, but may be shorted by increased frequency of use.
- Take the batteries out when not using the remote control for an extended period as batteries can leak and cause damage to the remote.



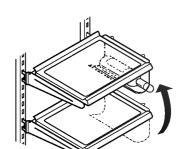
Slide type tempered glass shelf (In select

models only)

Attachable wine corner (In select models only)

Shelf

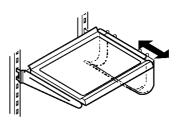
Slide type shelf allows you to place or take food out more conveniently.



Bottles can be stored laterally with this wine corner. This can be attached to any shelf.

Wine holder adjustment:

Wine holder can be separated by pulling it straight out and installed by placing it at the end of the shelf you want and pushing it inward.

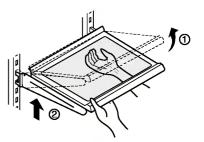


Shelf height adjustment

The Refrigerator compartment shelf is movable so that you can place it at a proper height according to the space you need for different food items.

How to separate a shelf:

Lift a shelf incling to ① direction, and then separate it lifting to ② direction.



How to install a shelf:

Position the shelf at the desired height and hang its links on the grooves. Then, lower the front side of the shelf and hang it on the grooves.



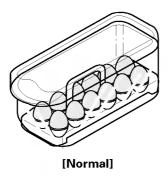
NOTE

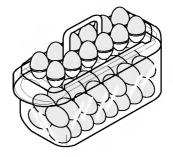
• Make the shelf horizontal. Otherwise it may fall off.



Egg Box

You can move the egg box to a place you want and select another form of box according to the amount of eggs.





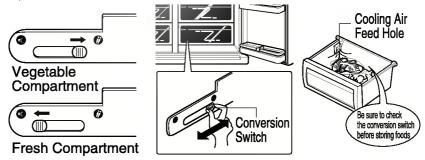
[For Many Eggs]

NOTE

- Never use the egg box as an ice storage bin. It can break.
- Never store the egg box in the freezer compartment or fresh compartment.

Switching Between Vegetable and Fresh Compartments

• The Bottom drawer in the refrigerator can be converted into a vegetable or fresh compartment



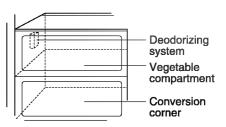
The Fresh compartment maintains the temperature at a lower point than the refrigerator compartment so that meat or fish can be stored fresh longer.

NOTE

- Vegetables or fruits will freeze if the conversion switch is set to fresh compartment. So, be sure to check it before storing vegetables.
- If possible, do not place food around the cool air feed hole.

Deodorizer (In select Models Only)

This system efficiently absorbs strong odors by using the optical catalyst. This system does hot have any affect on stored food.



How to use the deodorizing system

- Since it is already installed onto the cool air intake duct from the refrigerator compartment, you need no separate installation.
- Please use closed containers to store food with pungent odors.
 Otherwise, this odor can be absorbed by other food in the compartment.

Location of Foods

(Refer to page 4, Identification of Parts)

Automatic ice maker Ice is automatically made and stored.

Wine rack

Store wine.

Snack Drawer

Store small foods such as bread, snacks, etc.

Freezer compartment shelf

Store various frozen foods such as meat, fish, ice cream, frozen snacks, etc.

Freezer compartment door rack

- Store small packaged frozen food.
- Temperature is likely to increase as door opens.

So, do not store long-term food such as ice cream.

Freezer compartment drawer

 Store meat, fish, chicken, etc. after wrapping them with aluminum.

Dairy compartment

Store dairy products such as butter, cheese, etc.

Egg box

Place this egg box in the proper location.

Refrigerator compartment shelf

Store side dishes or other foods at a proper distance from each other for effective cooling.

Refrigerator compartment door rack

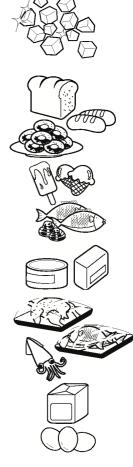
Store small packaged food or beverages such as milk, juice, beer, etc.

Vegetable compartment

Store vegetables or fruits.

Vegetable compartment/fre sh compartment conversion corner

Store vegetable, fruits, meat to thaw, fish, etc. setting the conversion switch as necessary. Be sure to check the conversion switch setting before storing foods.





Storing Foods

- Store fresh food in the refrigerator compartment. How food is frozen and thawed is an important factor in maintaining its freshness and flavor.
- Do not store food which goes bad easily at low temperatures, such as bananas, and melons.
- Allow hot food to cool prior to storing. Placing hot food in the refrigerator could spoil other food, and lead to higher energy consumption.
- When storing the food, cover it with vinyl wrap or store in a container with a lid. This prevents moisture from evaporating, and helps food to keep its taste and nutrients.
- Please keep a distance at least 0.6 inch from the air vents to food.
- Do not open the door frequently. Opening the door lets warm air enter the refrigerator, and cause temperatures to rise.
- Never keep too much food in door rack because they may push against by inner racks so that the door cannot be fully closed.

Freezer compartment

- Do not store bottles in the freezer compartment. They may break when frozen.
- Do not refreeze food that has been thawed. This causes loss of taste and nutrient.
- When storing frozen food like ice cream for a long period, place it on the freezer shelf, not in the door rack.

Refrigerator compartment

- Avoid placing moist food in top refrigerator shelves, it could freeze from direct contact with chilled air.
- Always clean food prior to refrigeration. Vegetables and fruits should be washed and wiped, and packed food should be wiped, to prevent adjacent food from spoiling.
- When storing eggs in their storage rack or box, ensure that they are fresh, and always store them in an upright position, which keeps them fresh longer.

NOTE

• If you keep the refrigerator in a hot and humid place, and frequently open the door or put a lot of vegetables in it, moisture may form in it which has no effect on its performance. Just wipe away the moisture with a cloth.

How to Dismantle Parts

NOTE

• Dismantling is done in the reverse sequence of assembly.

Be sure to unplug the power plug before dismantling and assembly.

Never apply severe force to dismantle parts. Parts may be damaged.

Freezer compartment lamp

Separate the lamp by pulling it out (②) while slightly lifting the lamp cover (①). Turn the bulb counterclockwise. Max. 60 W bulb for refrigerator is used and can be purchased at a service center.

Dispenser lamp

Max. 15 W bulb for refrigerator is used and can be purchased at a service center.

Freezer compartment shelf

Lift the front side (①) and pull it out (②).

Door rack and support

Lift the door rack holding both sides (\mathbb{O}) and pull it out (\mathbb{O}) .

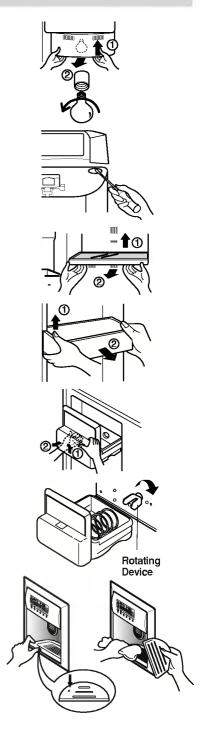
Ice storage bin

Hold the ice storage bin as shown in the right figure and pull it out (②) while slightly lifting it (③).

- It is recommended not to dismantle the ice storage bin unless necessary.
- Be sure to use both hands when removing the ice storage bin, not to drop it on the floor.
- If the ice storage bin does not fit well, slightly turn the rotating device.

After dispenser is used

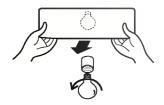
Water collector has no self-drainage function. So it should be cleaned regularly. Remove the cover by pressing the left side of water collector cover and dry it with a cloth. Press the point marked as shown in the figure to the right to remove the water collector cover.



Upper lamp in refrigerator compartment

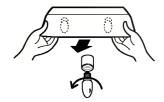
To remove the lamp cover, pull the lamp cover forward while pressing the bottom side of the lamp cover upward. Turn the bulb counterclockwise.

Max. 60 W bulb for refrigerator is used and can be purchased at a service center.



Lower lamp in refrigerator compartment

Separate the lamp cover by holding both lower sides of it and pulling it it forward. Turn the bulb counterclockwise. Max. 30 W bulb for refrigerator is used and can be purchased at a service center.



Rack cover

- Separate the upper rack cover and then pull out the rack cover (①).
- The rack cover can be removed by pulling it upwards.

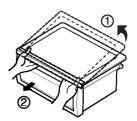


NOTE

• Be sure to remove parts on the refrigerator door to remove the vegetable compartment, snack drawer and Rack cover.

Vegetable compartment cover

- Pull out the vegetable compartment cover (②) with its backside lifted up (①), and the cover can be removed.
- To install the cover, push it fully until it touches the back wall.



General Information

Vacation time

During average length vacations, you will probably find it best to leave the refrigerator in operation. Place freezable items in freezer for longer storage.

When you plan not to operate, the refrigerator remove all food, disconnect the power cord, clean the interior thoroughly, and leave each door OPEN to prevent odor formation.

Power failure

Most power failures that are corrected in an hour or two will not affect your refrigerator temperatures.

However, you should minimize the number of door openings while the power is off. During power failures of longer duration, place a block of dry ice on top of your frozen packages.

If you move

Remove or securely fasten down all loose items inside the refrigerator.

To avoid damaging the height adjusting screws, turn them all the way into the base.

Anti condensation pipe

The outside wall of the refrigerator cabinet may sometimes get warm, especially just after installation.

Don't be alarmed. This is due to the anti-condensation pipe, which pumps hot air around the refrigerator to prevent "sweating" on the outer cabinet wall.

Cleaning

It is important that your refrigerator be kept clean to prevent undesirable odors. Spilled food should be wiped up immediately, since it may acidify and stain plastic surfaces if left uncleaned.

Exterior

Use a lukewarm solution of mild soap or detergent to clean the durable finish of your refrigerator.

Wipe with a clean damp cloth and then dry.

Interior

Regular cleaning is recommended. Wash all compartments with a baking soda solution or a mild detergent and warm water. Rinse and dry.

After cleaning

Please verify that the power cord is not damaged, power outlet is not overheated, or power plug is inserted well into the power outlet.

Warning

Always remove power cord from the wall outlet prior to cleaning in the vicinity of electrical parts (lamps, switches, controls, etc.).

Wipe up excess moisture with a sponge or cloth to prevent water or liquid from getting into any electrical part and causing an electric shock.

Never use metallic scouring pads, brushes, coarse abrasive cleaners, strong alkaline solutions, flammable or toxic cleaning liquids on any surface.

Do not touch frozen surfaces with wet or damp hands, because damp object will stick or adhere to extremely cold surfaces.

Trouble Shooting

Before calling for service, review this list. It may save you both time and expense. This list includes common occurrences that are not the result of defective workmanship or materials in this appliance.

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Normal Operations Refrigerator		
Refrigerator Compressor does not run.	Refrigerator control is off.	Set refrigerator control.
	Refrigerator is in defrost cycle.	This is normal for a fully automatic defrosting refrigerator. The defrost cycle occurs periodically.
	Plug at wall outlet is disconnected.	Make sure plug is tightly pushed into outlet.
	Power outage. Check house lights.	Call local electric company.
Refrigerator Runs too much or too long	Refrigerator is larger than the previous one you owned.	This is normal. Larger, more efficient units run longer.
	Room or outside weather is hot.	It is normal for the refrigerator to work longer under these conditions.
	Refrigerator has recently been disconnected for a period of time.	It takes a few hours for the refrigerator to come down to room temperature completely.
	Automatic ice maker is operating.	Operation of the ice maker causes the refrigerator to run slightly longer.
	Large amounts of warm or hot food may have been stored recently.	Warm food will cause the refrigerator to run longer until the desired temperature is reached.
	Doors are opened too frequently or too long.	Warm air entering the refrigerator causes it to run more. Open the door less often.
	Refrigerator or freezer door may be slightly open.	Make sure the refrigerator is level. Keep food and containers from blocking the door. See problem section. OPENING/CLOSING of Doors.
	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting until the refrigerator temperature is satisfactory.
	Refrigerator or freezer gasket is dirty, worn, cracked, or poorly fitted.	Clean or change gasket. Leaks in the door seal will cause the refrigerator to run longer in order to maintain desired temperatures.

Refrigerator compressor does not run.	Thermostat is keeping the refrigerator at a constant temperature.	This is normal. The Refrigerator goes on and off to keep the temperature constant.
Temperatures are too cold		
Temperature in the freezer is too cold but the Refrigerator Temperature is Satisfactory.	Freezer control is set too cold	Set the freezer control to a warmer setting until the freezer temperature is satisfactory.
Temperature in the refrigerator is too cold and the freezer temperature is satisfactory.	Refrigerator control is set too cold.	Set the refrigerator control to a warmer setting
Food stored in drawers freezes.	Refrigerator control is set too cold.	See above solution.
Meat stored in fresh meat drawer freezes.	Meat should be stored at a temperature just below the freezing point of water (32°F, 0°C) for maximum fresh storage time.	It is normal for ice crystals to form due to the moisture content of meat.
Temperatures are too warm		
Temperatures in the refrigerator or freezer are	Freezer control is set too warm.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
too warm.	Refrigerator control is set too warm. Refrigerator control has some effect on freezer temperature.	Set the freezer or refrigerator control to a colder setting until the freezer or refrigerator temperature is satisfactory.
	Doors are opened too frequently or too long.	Warm air enters the refrigerator/ freezer whenever the door is opened. Open the door less often.
	Door is slightly open.	Close the door completely.
	Large amounts of warm or hot food may have been stored recently.	Wait until the refrigerator or freezer has had a chance to reach its selected temperature.
	Refrigerator has recently been disconnected for a period of time.	A refrigerator requires some hours to cool down completely.
Temperature in the refrigerator is too warm but the freezer temperature is satisfactory.	Refrigerator control is set too warm.	Set the refrigerator control to a colder setting.

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Sound and Noise		
Louder sound levels when Refrigerator is on.	Today's refrigerators have increased storage capacity and maintain more even temperatures.	It is normal for sound levels to be higher.
Louder sound levels when compressor comes on.	Refrigerator operates at higher pressures during the start of the ON cycle.	This is normal. The sound will level off as the refrigerator continues to run.
Vibrating or rattling noise.	Floor is uneven or weak. Refrigerator rocks on the floor when it is moved slightly.	Be sure floor is level and solid and can adequately support refrigerator.
	Items placed on the top of the refrigerator are vibrating.	Remove items.
	Dishes are vibrating on the shelves in the refrigerator.	It is normal for dishes to vibrate slightly. Move dishes slightly. Make sure refrigerator is level and firmly set on floor.
	Refrigerator is touching wall or cabinets.	Move refrigerator so that it does not touch the wall or refrigerator.
Water/Moisture /Ice Inside Refrigerator		
Moisture collects on the inside walls of the refrigerator.	The weather is hot and humid which increases the rate of frost buildup and internal sweating.	This is normal.
	Door is slightly open.	See problem section Opening/Closing of doors.
	Door is opened too often or too long.	Open the door less often.
Water/Moisture/Ice Outside Refrigerator		
Moisture forms on the outside of the refrigerator or between doors.	Weather is humid.	This is normal in humid weather. When humidity is lower, the moisture should disappear.
	Door is slightly open,causing cold air from the inside the refrigerator to meet warm air from the outside.	This time, close the door completely.

Odors in Refrigerator		
	Interior needs to be cleaned.	Clean interior with sponge,warm water and baking soda.
	Food with strong odor is in the refrigerator.	Cover food completely.
	Some containers and wrapping materials produce odors.	Use a different container or brand of wrapping materials.
Opening/Closing of Doors/Drawers		
Door(s) will not close.	Food package is keeping door open.	Move packages that keep door from closing.
Door(s) will not close.	Door was closed too hard, causing other door to open slightly.	Close both doors gently.
	Refrigerator is not level. It rocks on the floor when it is moved slightly.	Adjust the height adjusting screw.
	Floor is uneven or weak. Refrigerator rocks on the floor when it is moved slightly.	Be sure floor is level and can adequately support refrigerator. Contact carpenter to correct sagging or sloping floor.
	Refrigerator is touching wall or cabinets.	Move refrigerator
Drawers are difficult to move.	Food is touching shelf on top of the drawer	Keep less food in drawer.
	Track that drawer slides on is dirty.	Clean drawer and track.
Dispenser		
Dispenser will not dispense ice	Ice storage bin is empty.	When the first supply of ice is dropped into the bin, the dispenser should operate.
	Freezer temperature is set too warm.	Turn the freezer control to a higher setting so that ice cubes will be made. When the first supply of ice is made, the dispenser should operate.
	Household water line valve is not open.	Open household water line valve and allow sufficient time for ice to be made. When ice is made, dispenser should operate.
	Refrigerator or freezer door is not closed.	Be sure both doors are closed.

Dispenser will not dispense ice.	Ice has melted and frozen around auger due to infrequent use, temperature fluctuations and/or power outrages.	Remove ice storage bin, and thaw and the contents. Clean bin, wipe dry and replace in proper position. When new ice is made, dispenser should operate.
lce dispenser is jammed.	Ice cubes are jammed between the ice maker arm and back of the bin.	Remove the ice cubes that are jamming the dispenser.
	Ice cubes are frozen together.	Use the dispenser often so that cubes do not freeze together.
	Ice cubes that have been purchased or made in some other way have been used in the dispenser.	Only the ice cubes made by the ice maker should be used with the dispenser.
Dispenser will not dispense water.	Household water line valve is not open. See problem "Ice maker is not making any ice."	Open household water line valve.
	Refrigerator or freezer door is not closed.	Be sure both doors are closed.
Water has an odd taste and/or odor.	Water has been in the tank for too long.	Draw and discard 7 glasses of water to freshen the supply. Draw and discard an additional 7 glasses to completely rinse out tank.
	Unit not properly connected to cold water line.	Connect unit to cold water line which supplies water to kitchen faucet.
Sound of ice dropping	This sound is normally made when automatically made ice is dropped into ice storage bin. Volume may vary according to refrigerator's location.	
Sound of water supply	This sound is normally made when ice maker is supplied with water after dropping the automatically made ice.	
Other	Please thoroughly read 'Automatic ice maker and Dispenser' in this manual.	

CUSTOMER ASSISTANCE NUMBERS:

To Prove Warranty Coverage
 Retain your Sales Receipt to prove date of purchase.
 A copy of your Sales Receipt must be submitted at the time warranty service is provided.

■ To Obtain Product, Customer or Service Assistance Call Toll-free for Customer Service

Tel: 1-800-243-0000

■ To Obtain Nearest Authorized Service Center
Call 1-800-243-0000, push option #1, 24 hours a day, 7days per week.
Please have your product type (Monitor, TV, VCR, MWO, Refrigerator) and ZIP code ready.



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