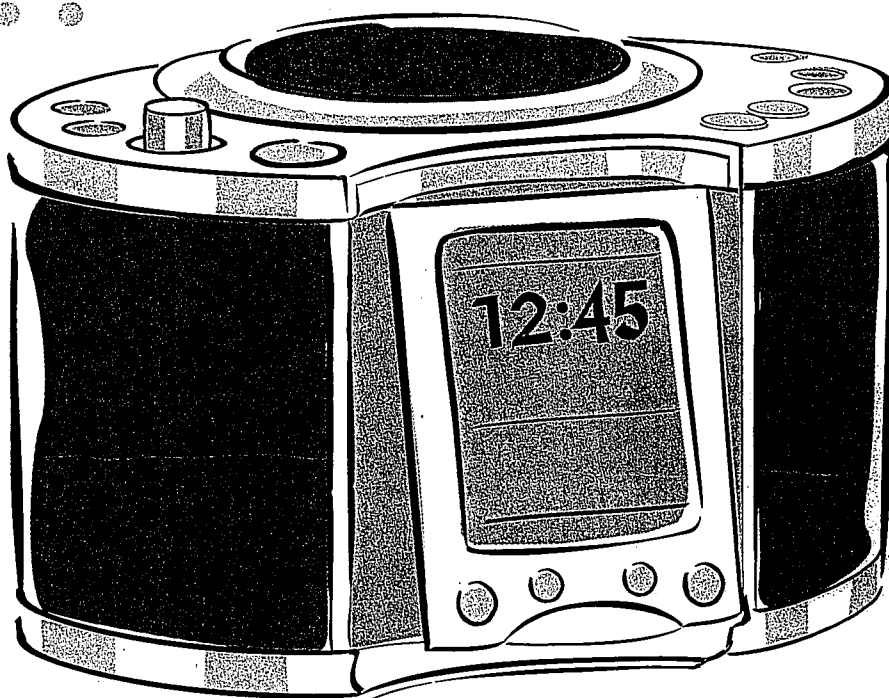


WBYHH03

home hub



beyondTM
appliances

CAUTION:

Use of controls or adjustments or performance of procedures other than those specified may result in hazardous radiation exposure.



CAUTION

**RISK OF ELECTRIC SHOCK
DO NOT OPEN**



CAUTION - TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). LEAVE SERVICING TO QUALIFIED SERVICE PERSONNEL. THE CAUTION MARK IS LOCATED ON THE BOTTOM OF THE APPARATUS.

WARNING:

To reduce the risk of fire or electric shock, do not expose this appliance to rain or moisture.

Table of Contents

1. Important Safety Information.....	5
Definition of Terms	5
Important Safeguards	5
Safety Precautions	5
2. First Things First.....	8
Setting Up Your User Account.....	8
3. Introducing the Home Hub	11
Unpacking Your Home Hub	11
Setting Up Your Home Hub Command Center.....	12
Choose a Location	13
Connect Your Home Hub to the Internet.....	13
Connect to Power	15
Initializing Your Home Hub.....	15
Initialization Procedure	15
Modifying Home Hub Settings.....	16
Setting Up the Home Hub to Manage Beyond Appliances.....	16
4. Get to Know Your Home Hub.....	18
Top Panel Buttons	18
Front Panel Buttons.....	20
Home Hub Display	20
The Display Backlight	21
5. Audio Mode: Playing the Radio and CDs	21
Adjusting Audio Volume	21
Listening to CDs	21

Playing a CD	21
CD Play Mode	22
Listening to the Radio	22
Changing Stations	22
Setting Preset Station Selections	23
Radio Menu options.....	23
6. Working with the Home Hub's Menus.....	23
Navigating the Menus.....	23
General Instructions for Navigating Menus	24
The Main Menu.....	24
Appliance Menu	25
Internet Menu	26
Network Menu	26
Time Menu.....	27
Setting the Clock Preferences	27
Manually Setting the Time and Date	28
Manually Setting the Alarms	29
Setting the Sleep Timer	29
Info Menu.....	30
CD Menu.....	31
Radio Menu	31
Manually Setting Preset Stations	31
System Menu	33
7. Home Hub Appliance Network.....	34
Overview	34
The Home Code.....	34
Role of the Home Hub.....	35
Setting Up the Home Hub as an Appliance Network Hub	37
8. Using Your BIN Account to Manage Home Hub Settings	38
Logging On to the BIN	38
Programming Your Home Hub and Beyond Appliances.....	39
Programming Radio Presets.....	39
Programming Alarms.....	40
Programming the Calendar.....	41
Programming News & Sports	43
Programming Stocks.....	44
Programming the Beyond Bread Maker.....	45
Programming the Coffee Maker Weekly Brew Schedule	47
Programming Microwave Oven Recipes	47
9. Maintenance.....	48
Cleaning and Care	48

10. Reference	48
Digital vs. Analog Phone Lines	48
Technical Specifications.....	49
Manually Setting Your Time Zone - North America	50
11. Troubleshooting	50
BIN Account Setup.....	50
Update Info.....	51
Other Problems.....	52
12. Limited One Year Warranty	53
13. Contact Information	54
FCC Consumer Information	55

Please read this owner's guide...

Please take the time to follow this owner's guide carefully. It will help you set up and operate your system properly, and enjoy all of its features. Save your owner's guide for future reference.

For your records:

The 12-digit serial number is located on the bottom of Home Hub.

System serial number: _____

Purchase date: _____

We suggest you keep your sales receipt together with this owner's guide.

***Tested to Comply
With FCC Standards
FOR HOME OR OFFICE USE***



1. Important Safety Information

Before using your Home Hub Information Center® for the first time, please take a few minutes to review the contents of this user manual. To reduce the risk of fire, personal injury, or product damage, familiarize yourself with the following safety warnings and cautions.

Before using the Home Hub:

- Read and understand all instructions pertaining to the Home Hub.
- Follow all warnings and cautions on the product and in these operating instructions.
- Do not use the Home Hub for anything other than its intended use.

Definition of Terms

 WARNING!	Hazards or unsafe practices which could result in serious personal injury or death.
 CAUTION!	Hazards or unsafe practices which could result in minor personal injury or product damage.

IMPORTANT SAFEGUARDS

Observe the following safety precautions to avoid possible injury or damage to the Home Hub.



WARNING!

Risk of radiation exposure: This product utilizes a laser. Use of the product in a manner other than specified in these instructions may result in hazardous radiation exposure. Do not disassemble the Home Hub. Refer servicing to qualified personnel.

SAFETY PRECAUTIONS

1. **Keep these instructions.**
2. **Clean only with a damp cloth.**
3. **Do not block any of the ventilation openings.** Install in accordance with the manufacturer's instructions.
4. **Power source:** Plug the product into a proper power source, as described in the operating instructions or as marked on the product.
5. **Polarization:** Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.

6. **Power cord protection:** Route the AC power cord so that it will not be walked on or pinched by items placed on or against it. Never handle the plug or cord with wet hands. Always grasp the plug body firmly when connecting and disconnecting it.
7. **Overloading:** When connecting the AC power cord, be careful not to overload the household AC outlet, extension cord, or outlet from any other device as this can result in fire or electric shock.
8. **Nonuse periods:** Unplug the unit from the household AC outlet if it is not to be used for a long time.
9. **Foreign material:** Ensure objects and liquids do not get into the unit.
Avoid exposing the unit to excessive smoke, dust, mechanical vibration, and shock.
10. **Magnetism:** Situate the unit away from equipment and devices that generate strong magnetic fields.
11. **Stacking:** Do not place anything on top of the Home Hub.
12. **Wall and ceiling mounting:** Do not mount the Home Hub on walls or ceilings.
13. **Water and moisture:** The Home Hub is not waterproof. Do not use the unit near water, such as near a bathtub or swimming pool. Avoid damp basements.
14. Only use attachments/accessories specified by the manufacturer.
15. Use only with a cart, stand, tripod, bracket, or table specified by the manufacturer, or sold with the apparatus. When a cart is used, use caution when moving the cart/apparatus combination to avoid injury from tip-over.
16. Refer all servicing to qualified service personnel. Servicing is required when the apparatus has been damaged in any way, such as power-supply cord or plug is damaged, liquid has been spilled or objects have fallen into the apparatus, the apparatus has been exposed to rain or moisture, does not operate normally, or has been dropped.
17. **Heat:** The Home Hub should be situated away from heat sources such as radiators, heat registers, stoves, or other products (including amplifiers) that produce heat.
18. **Unplug this apparatus** during lightning storms or when unused for long periods of time.

SAVE THESE INSTRUCTIONS

For Household Use Only

CLASS 1 LASER PRODUCT

The CD player in this product is classified as a CLASS 1 LASER PRODUCT. The CLASS 1 LASER PRODUCT label is located on the bottom of the unit.

CLASS 1	LASER PRODUCT
KLASSE 1	LASER PRODUKT
LOUKAN 1	LASER LAITE
KLASS 1	LASER APPARAT

Information About Products That Generate Electrical Noise

CAUTION:

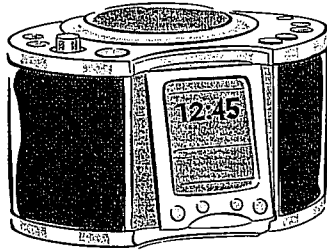
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate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

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

Any unauthorized changes or modifications to this equipment would void the user's authority to operate this device. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device complies with Part 15 of the FCC Rules and the Canadian ICES-003 Class B specifications.

2. First Things First



Your new Home Hub is a hard working unit!

Your Home Hub is a clock-radio-CD player with a high resolution display. You can set two wake-up alarms, a sleep timer, play your favorite CDs and listen to the radio (with up to 20 presets). It automatically links to the Internet to deliver the latest news and sports headlines and updates on stock prices and weather. It will keep track of calendar events for four individuals. The Home Hub automatically sets up and manages network connections with each Beyond appliance in your home (microwave oven, coffee maker, bread maker). It maintains accurate time settings and updates recipe data bases.

In order to begin using your Home Hub you'll need to use your personal computer to register on the Beyond Information Network.

Setting Up Your User Account on the Beyond Information Network

Setting up your user profile is an easy, one-time process. Once your profile is set up, you will be able to quickly and conveniently manage your Home Hub's settings for alarms, calendars, and other features. You'll also be able to manage settings for your Beyond Microwave Oven, Coffee Maker and Bread Maker.

Before going online to register, you may want to gather the following information:

Home Hub Serial Number. This can be found on the bottom of your Home Hub.

Internet Connection Information. The Home Hub can connect to the Internet via Dial-Up or Broadband Ethernet. Contact your ISP (Internet Service Provider) for these details.

If you use Dial-Up:

- User Name or Login ID
- Password
- Phone Number
- Dialing Prefix
- Primary DNS Server
- Secondary DNS Server

If you use Broadband:

- Is DHCP supported (Yes or No)? If DHCP is not supported, you'll also need:
- IP Address
- Net mask
- Default Gateway
- Primary DNS Server
- Secondary DNS Server

All required fields are noted with an asterisk (*). If you have questions about a specific field on the form, click its Help button.

Set Your User Profile

Note: Online help is available for each step of the registration process by clicking the "?" button.

1. On your personal computer, open your Web browser.
2. To access the Beyond Information Network type the following URL into your browser's address bar: <http://www.beyondappliances.com/bis>. The "Login" dialog will open.

Login

User Name:

Password:

Remember me: ☐

[?](#)

3. Click **Register**. The "User Details" dialog will open. Fill in all the required fields. Click **Proceed to Step 2** (below the dialog box).

User Details (Step 1 of 4)

Create a User Name*:

Enter a Password*:

Re-enter password*:

Owner's First Name*:

Owner's Last Name*:

Zip:

E-mail Address*:

User Verification

This is our way to verify your identity. To protect your account, make sure "Your Answer" is memorable for you, but hard for others to guess.

Secret Question*:

Your Answer*:

[?](#)

4. The "Product ID and Internet Service Provider Details" dialog will open. Fill in the required fields. Click **Proceed to Step 2a** (below the dialog box).

Product ID And Internet Service Provider Details (Step 2 of 4)

Product Identification Number*:

HomeHub Synch Time: hour min am/pm

Daylight Savings Time: ☒

(ISP) Dial-up Information: ☐

Internet Connection Information: ☐

[?](#)

- The **Product Identification Number**, or serial number, is a 12-digit number located on the bottom of your Home Hub.
- **Home Hub Synch Time** is the time that the Home Hub will automatically connect to the Beyond Information Network for updates. If you wish to change the default

- setting, you can select a time by using the pull down menu below hour and am/pm.
 - **Daylight Savings Time:** The Home Hub automatically adjusts for Daylight Saving Time. Click the check mark to disable automatic adjustment.
 - **(ISP) Dial-up Information:** Select this if you connect to the Internet via telephone modem.
 - **Internet Connection Information:** Select this if you have a broadband Internet connection.
5. Continue to complete the required fields. Be sure to check all the telephone features that apply:
- Enter **9** if you need to dial 9 to get an outside line.
 - Enter **1** if you need to use a ten digit number.
 - Enter ***70** if you will access the Internet on a line that has Call Waiting.
 - Enter **"T"** to switch from pulse/rotary to touch-tone dialing. Enter **P** to switch from touch-tone to pulse/rotary dialing.

When all fields are complete, click **Proceed to Step 3**.

6. A "Confirmation" dialog will open. Review the information.
If the information is satisfactory, click **Done**.

Your Beyond Information Network account is ready to use!

After your account is set up you can log on to the Beyond Information Network and begin configuring the Home Hub's settings for alarms, radio station presets and calendar settings. You can customize the information displays for news, weather and stocks.

The Beyond Information Network interface is user-friendly and intuitive. If you need help while using the Beyond Information Network, help is available online by clicking "?". Instructions are also available for using the Beyond Information Network in the Owner's Manual in Section 7.

3. Introducing the Home Hub

Thank you for purchasing the Beyond™ Home Hub and Command Center®.

The Home Hub, disguised as a stylish CD player/clock-radio/alarm clock, is actually the central command center for all the Beyond Appliances in your home. Beyond Appliances exchange information with the Home Hub automatically, "behind the scenes" without any extra effort on your part. They communicate with each other using the existing electrical wiring in your home.

The Home Hub communicates with the Beyond Information Network (BIN) via an Internet connection to bring you the local weather forecast, financial quotes, news, sports and family calendar reminders.

The Home Hub also retrieves new or favorite recipes and sends them to your Beyond Microwave Oven and Bread Maker.

Please read this manual thoroughly before using the Home Hub. Keep this manual handy for future reference.

Home Hub features:

- A built-in CD player to play your favorite CDs
- FM digital tuner with a 20-station preset memory
- High quality stereo speakers with active subwoofer
- A high resolution display that keeps you up to date with the latest headlines, financial news, sports scores, weather reports, and the status of your Beyond appliances
- Two person dual alarm clock
- External antenna

Unpacking Your Home Hub

STOP!! PLEASE READ AND FOLLOW THE REGISTRATION PROCEDURE IN CHAPTER 2, FIRST THINGS FIRST BEFORE SETTING UP YOUR HOME HUB!

Carefully unpack your Home Hub Command Center. Save all packing materials in case of future need. The original packing materials provide the safest way to transport your Home Hub Command Center. If any part of the product appears damaged, do not attempt to use the Home Hub. Contact your Beyond retailer or contact Beyond Customer Relations immediately (Please refer to the phone numbers listed on page 54).

Verify that you have received all the parts identified in Figure 1:

- Home Hub and Command Center
- Telephone splitter
- Telephone cord
- AC power cord
- Cable antenna
- Instruction manual

Find the serial number on the bottom of your Home Hub. Write it in the space provided on page 4.

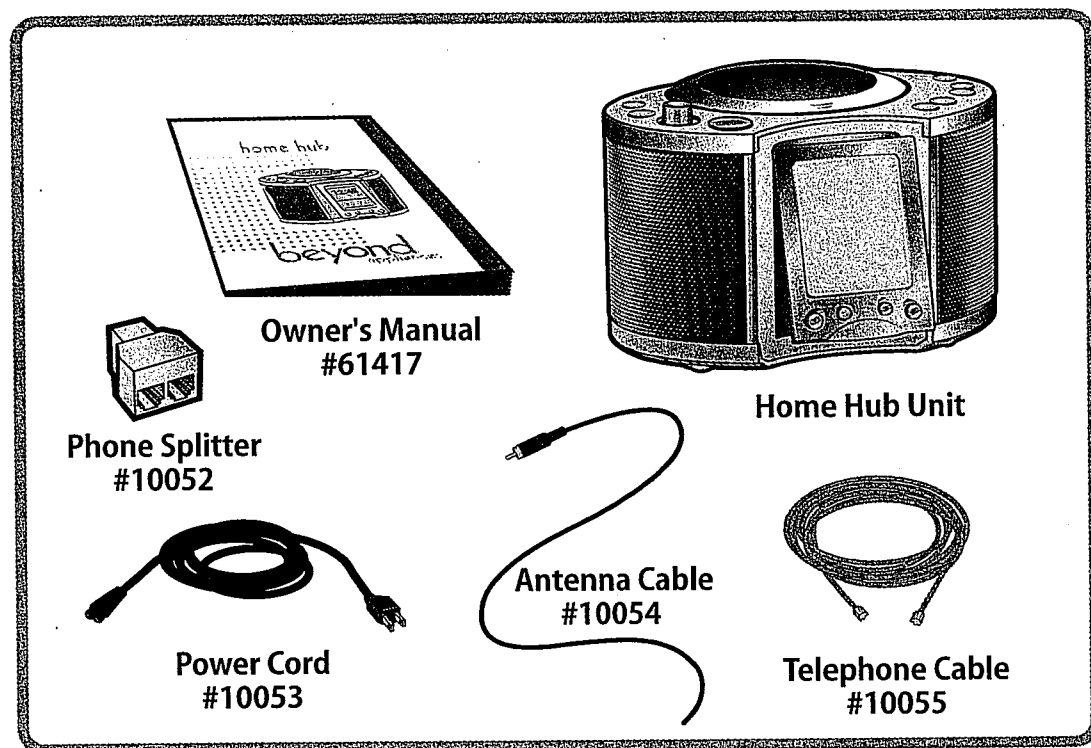


Figure 1. Items shipped with your Home Hub

Setting up Your Home Hub Command Center

You're probably eager to try out your new Home Hub Command Center, but please take a few minutes to read through this manual in order to familiarize yourself with all of the Home Hub's great features.

Before using the Home Hub for the first time

- Set up your User Profile (register) on the Beyond Information Network (described in Chapter 2, First Things First).

Verify that:

- An Internet connection is available via telephone or Ethernet line.
- A polarized power outlet is available.

Choose a Location

Choose a convenient location for the Home Hub that will allow you to easily view the display and to enjoy the Home Hub's high quality stereo sound when playing your favorite CDs or listening to your favorite radio programs. With two alarms, and a sleep timer, and frequent updates on the latest scores and headlines, the Home Hub is right at home on a bedside table or in the kitchen.

When choosing a location bear in mind:

- The Home Hub needs access to a polarized AC outlet, and a telephone jack OR Ethernet connection.
- Do not position the Home Hub close to sources of heat or moisture.

Connect Your Home Hub to the Internet

You may connect your Home Hub to the Internet either by a conventional telephone line or a broadband (Ethernet) connection. The type of connection you choose will depend on which type of Internet service is available, as well as your personal preferences. The Home Hub's Ethernet and telephone modem connectors are on the back of the Home Hub as shown in Figure 2, below.

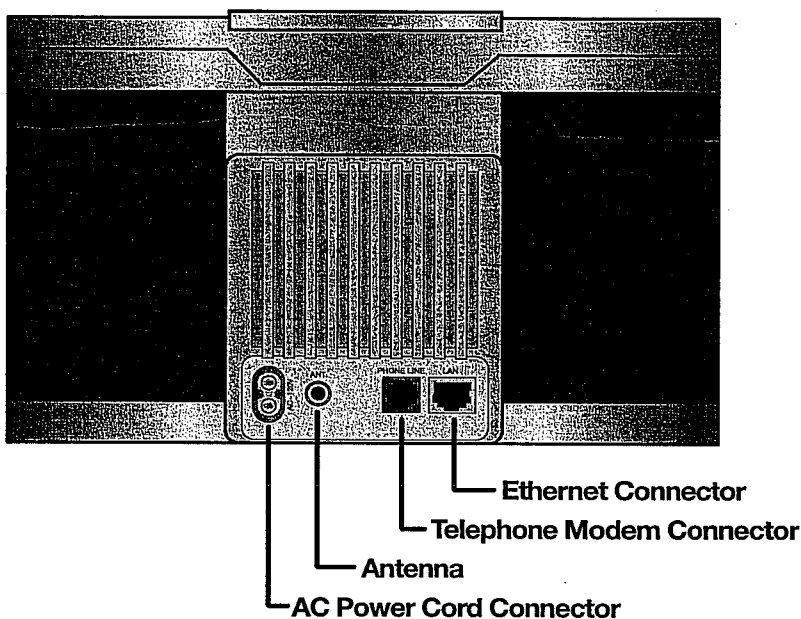


Figure 2. Home Hub rear panel showing location of connectors

Ethernet Connection

Use the broadband Ethernet connection if your Internet service is provided via cable or DSL (Digital Subscriber Line). Cable or DSL lines must be installed by a third party (for example, an Internet Service Provider, cable company, or telephone company).

Connect your existing cable or DSL line to the Ethernet connector shown above in Figure 2. Using an Ethernet cable (not included), plug one end into the Ethernet connector on the rear panel of the Home Hub and plug the other end into a functioning Ethernet connector in your home.

Telephone Modem Connection:

Insert one end of the supplied phone line into the telephone modem connector on the back panel of the Home Hub (see Figure 2). Insert the other end of the phone line into a phone jack with a dial tone.

Note: Using the phone splitter included with your Home Hub (shown below in Figure 3) will allow you to plug the Home Hub and a telephone into one jack.

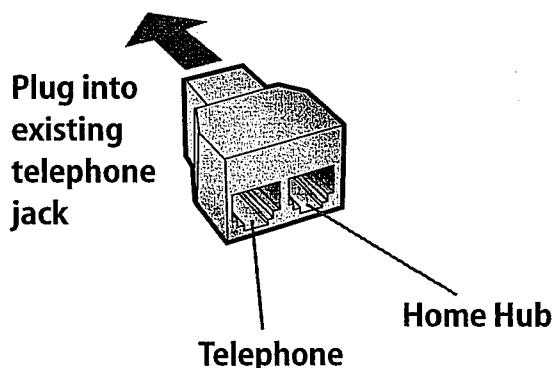


Figure 3. Optional installation using the phone splitter



CAUTION!

- DO NOT connect the Home Hub to a digital phone line! Connecting the Home Hub to a digital phone line will cause permanent damage to the Home Hub's modem. Digital phone lines are mainly used in industrial and commercial settings. Most homes are wired with analog phone lines. Consult the Reference section page 48 of this manual for more information about digital and analog phone lines. If you aren't certain what type of phone line you have, please contact your phone company.
- The Ethernet connector and the modem connector are side-by-side. Be sure to connect your communication cable to the proper connector. If you connect the telephone cable to the Ethernet connector, the Ethernet connector might be damaged.

Connect to Power

1. Plug the small end of the power cord into the power jack on the back of your Home Hub (Figure 2).
2. Plug the other end of the power cord into a polarized AC power (mains) outlet.



CAUTION!

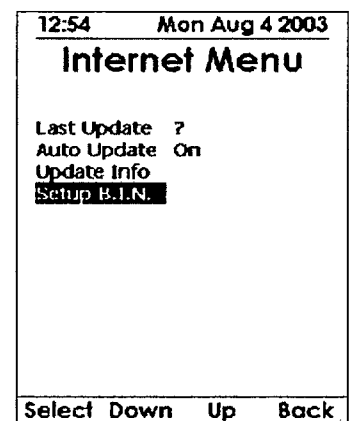
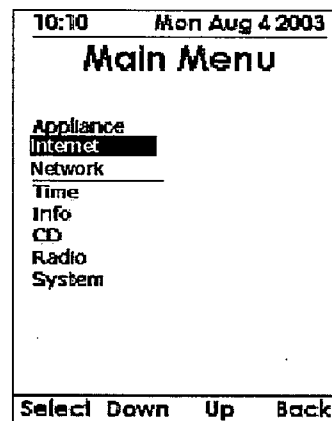
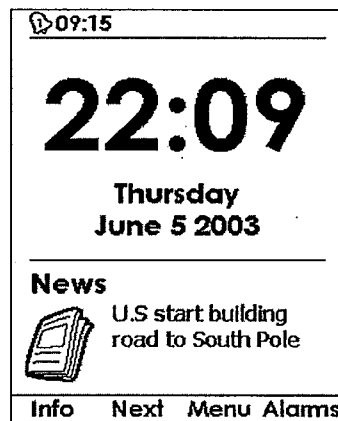
Do not defeat the safety purpose of the polarized or grounding-type plug. A polarized plug has two blades with one wider than the other. A grounding-type plug has two blades and a third grounding prong. The wider blade or third prong are provided for your safety. If the provided plug does not fit in your outlet, consult an electrician for replacement of the obsolete outlet.

Initializing Your Home Hub

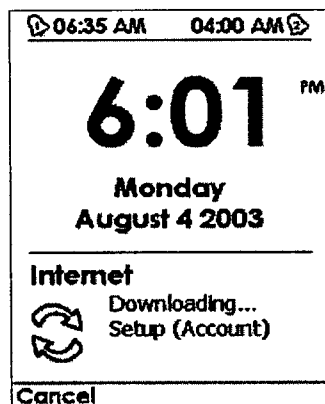
The first time you plug your Home Hub in, the display will light. The message **Home Hub Loading** will appear in the display. In a few seconds, the time, day, and date will appear in the display.

1. Connect your phone line to the Home Hub's modem connector (shown in Figure 2). To complete the Initialization Procedure, the Home Hub uses an automatic 1-800 ISP number, login and password.

NOTE: Use the modem connection for the Initialization Procedure even if you are planning to use an Ethernet connection for your Home Hub.



2. From the default display, press the button below **Menu**. The **Main Menu** will open.
3. Press the button below **Down** until **Internet** is highlighted. Press **Select**. The Internet Menu will open.
4. Press **Down** until **Setup BIN** is highlighted. Press **Select**. (BIN is short for Beyond Information Network.) Initialization will begin.



5. The Home Hub will download the Internet connection settings you have entered in your use profile in the BIN (Beyond Information Network) web site. On-screen messages will let you know when Initialization is complete. Press **Ok**.
6. Verify that your BIN account settings are correct by navigating to the Network Menu. If your account settings are correct, Initialization is complete.

- To navigate to the Network Menu: from the default display, press **Menu**. When the Main Menu opens, press **Down** until **Network** is highlighted. Press **Select** the Network Menu will open.
- The data downloaded during Initialization is what you entered in your profile when you set up your BIN account. If you need to revise the information in your profile please refer to the procedure "Modifying Home Hub Settings," immediately following this section.
- If you have configured other Home Hub settings for news, weather, radio stations presets, alarms or calendar, etc. they will take effect when you select **Update Info** from the Info Menu. Please refer to the Info Menu section on page 30 or Top Panel Buttons on page 18.

Modifying Home Hub Settings

You can log on to the Beyond Information Network anytime to modify settings for your Home Hub's settings. After you modify settings, you can activate them immediately by:

- Pressing and holding the front panel button below **Info**, or navigate to the Home Hub's on-screen **Internet Menu** (described above) and select **Update**.

The Home Hub will perform an automatic update:

- If you have a broadband connection, your Home Hub will automatically connect to the Beyond Information Network once an hour to check for new settings and information.
- If you have a modem connection, automatic updates occur once a day.

Setting Up the Home Hub to Manage Beyond Appliances

If you have other Beyond appliances in your home (microwave oven, bread maker, or coffee maker) your Home Hub can link them together into a network via the existing electrical wiring in your home. If you have Beyond appliances, make sure they are unplugged before performing this procedure.

To set up the Home Hub to function as an appliance network hub you must first have the Home Hub establish a Home Code, set the appliances' Home Code to match the Home Hub's and then have the Home Hub detect the appliances.

This procedure assures that no other Beyond devices on the power line network (in an apartment or town houses, for example) will be able to access your set of Beyond devices.

12:23	Mon Aug 4 2003
Appliance Menu	
Home Code	None
Appl Time	On
DB Synch	Off
Messages	On
Initialize HC	
Detect Appls	
Clear Appls	
Select Down Up Back	

12:35 PM	Mon Aug 4 2003
Appliance Menu	
Home Code	80
Appl Time	On
DB Synch	On
Messages	On
Initialize HC	
Detect Appls	
Clear Appls	
Select Down Up Back	

1. Open the Appliance Menu (from the default display, press the button below Menu. When the Main Menu opens, make sure Appliance is highlighted, then press Select).
2. The Appliance Menu will open. Press Down until Initialize HC is highlighted. Press Select. The message "Home Hub Home Code Searching" will appear.
3. The Home Hub will search for a Home Code. After a few seconds the message "Home Hub Home Code ## Found" will appear (where ## are the digits of the Home Code).
4. Make a note of assigned Home Code and press Ok.
5. Plug in your Beyond appliances. Set the Home Code on each appliance to match the Home Code on the Home Hub. Refer to the appliance owner's manuals for instructions on setting the Home Codes.
6. Navigate to back to the Appliance menu. Highlight Detect Appls and press Select. The Home Hub will detect the Beyond appliances.
7. When the Home Hub has detected your Beyond appliances, press Ok.

The Home Hub is now ready to function as an appliance network hub.

4. Get To Know Your Home Hub

The Home Hub's push buttons, connectors and other important features are shown in Figure 4, below.

Top Panel Buttons

The Home Hub has nine buttons on the top panel and four buttons below the display. Table 1, below, lists and describes the top panel buttons.

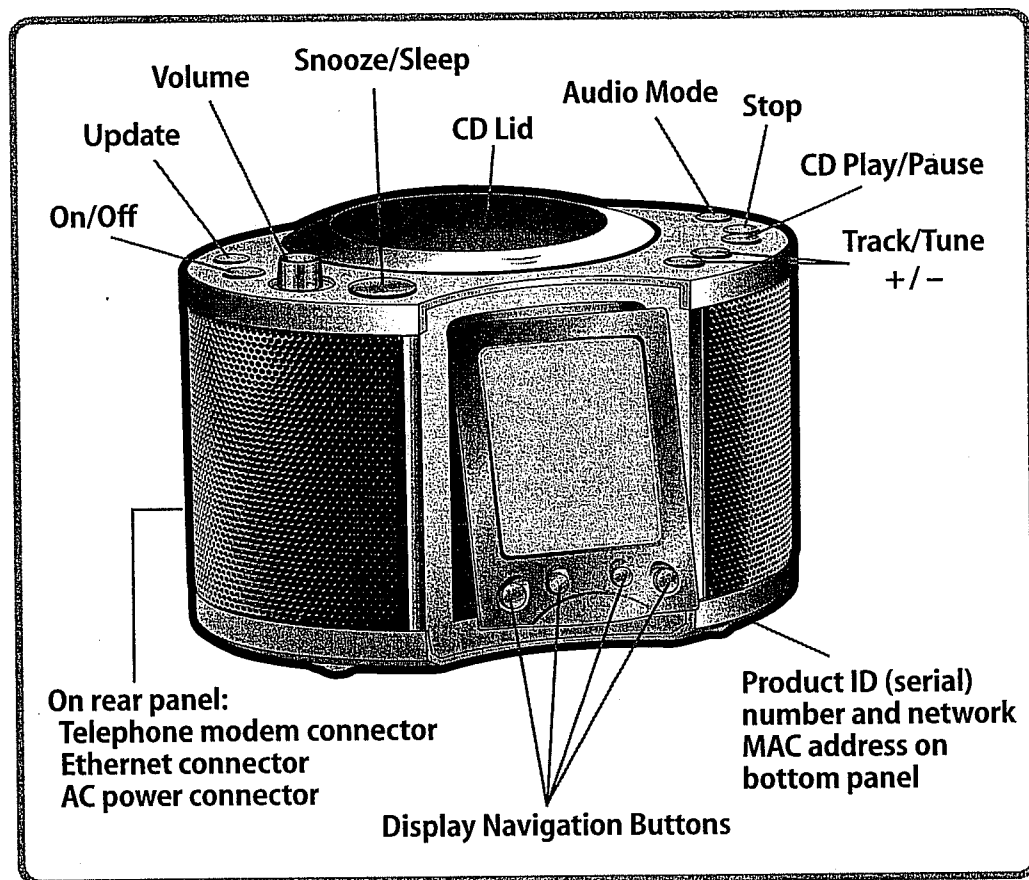


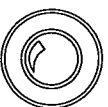

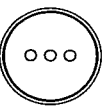

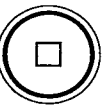



Figure 4. Home Hub Buttons

Table 1. Home Hub Buttons

Buttons on Top of the Home Hub	
 On/Off	<ul style="list-style-type: none"> • If an alarm is ringing, press On/Off to turn off the alarm. • If the CD or radio is off, press On/Off to begin play. The Home Hub will start audio play in the last used mode. • If the CD or radio is on, press On/Off to stop play. • If the sleep timer is on, press On/Off to turn off the sleep timer.
 Update	<p>Pressing this button will initiate a manual update, connecting your Home Hub to the Beyond Information Network and downloading new information, settings and preferences.</p>
 Volume +/-	<p>Rotate the volume wheel to select a volume level from 0 (mute) to 40 (maximum loudness) for the alarms, the CD or radio. The current volume level is displayed for a few seconds each time a volume wheel is rotated.</p>
 Audio Mode	<ul style="list-style-type: none"> • When the CD player is in use, press Audio Mode to stop CD play and turn on the radio. • When the radio is playing, press Audio Mode to turn off the radio and turn on the CD player (a CD must be in the tray.) • When the CD player or radio is in use, information about the current audio mode will appear in the display. To view the time/date, press and hold Audio Mode.
 Snooze/Sleep	<ul style="list-style-type: none"> • If an alarm is ringing, pressing this button will silence the alarm and set the Snooze alarm to ring again after a user-defined number of minutes have elapsed. • When the alarm is not ringing, press this button to display or set the sleep timer. This will turn off the CD player or radio after the sleep timer counts down.
 Play/Pause	<ul style="list-style-type: none"> • If a CD is in the CD player but not playing, press Play/Pause to start CD play. • If a CD is playing, press Play/Pause to pause play. • If the CD is paused, pressing Play/Pause will resume play.
 Stop	<ul style="list-style-type: none"> • If a CD is playing, press Stop to stop CD play.
 Track/Tune	<ul style="list-style-type: none"> • If the radio is on, pressing this button once will tune in the next preset station. Press and hold to seek rapidly through available radio stations. • If a CD is playing, press to move to the previous/next track. Press and hold to scan rapidly through the tracks.

Front Panel Buttons

The front panel buttons are used for navigating through the displays and menus. They have different functions depending the Home Hub's mode and what information is in the display.

Home Hub Display

The Home Hub display provides a variety of information depending on the current operational mode and your personal preferences.

Figure 5 shows a typical Home Hub display and examples of other kinds of information that may appear in the display.



The time, date, alarm and audio mode status appear in the top half of the display.

Personalized, user-selectable information and Home Hub operation messages appear in the bottom half of the display.

Figure 5. The Home Hub display

During normal operation, the time of day, date, and audio mode information appear in the top half of the display.

Personalized information (calendar, news, weather, sports, etc.), information about the Beyond appliances in your home, and Home Hub operational messages appear in the bottom half of the display.

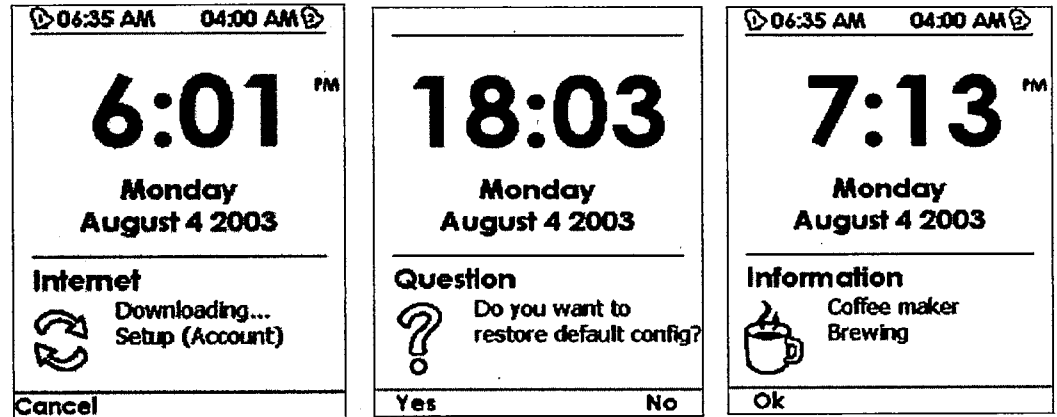


Figure 6. The lower half of the Home Hub screen displays news, personal and operating system information, prompts and questions.

The Display Backlight

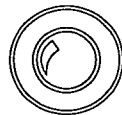
The Home Hub uses a light sensor to determine the ambient light level around the device. The measured light level is used to set the intensity of the display backlight.

You can manually adjust the intensity of the display backlight. Instructions for manually setting the backlight intensity can be found in the section "System Menu" on page 33.

5. Audio Mode: Playing the Radio and CDs

Press  to turn on audio. Press  to toggle between CD and radio play.

Adjusting Audio Volume











Rotate the volume knob to the right (clockwise) to increase the volume level. Rotate the volume knob to the left (counter-clockwise) to decrease the volume. The volume level appears on the display for 5 seconds each time volume wheel is rotated.

Listening to CDs

The Home Hub plays music CDs in CDDA format. The Home Hub does not play MP3 files or CDs with data files.

Playing a CD

1. Place a CD in the tray: Press gently on the front of the CD lid to pop it open. Insert a CD, label side up, then close the lid. Press just until you feel the lid latch.

2. Press  to turn on audio. Press  to toggle between CD and radio play.
3. When the number of tracks appears on the display, press the Play button  to start play.
4. If a CD is playing, press  to pause play. Press  again to resume play.
5. Press  to stop CD play.
6. Press  to move ahead one track or press  to move back one track. Press and hold either button to search forward or backwards quickly.

CD Play Mode



There are two CD play back modes:

- Normal: all the CD tracks are played in sequence. At the end of the last track, the CD stops automatically.
- Repeat Disc: All tracks on the CD are repeated in sequence until either the Stop or Audio Mode button is pressed.



To select a CD playback mode, use the push buttons below the display to navigate to the CD menu (Menu > Main Menu > CD Menu).

Instructions for using the Home Hub's menus begin in Section 6, Working with the Home Hub's Menus on page 23.

Listening to the Radio

1. Press  to turn on audio. Press  to toggle between CD and radio play until Radio appears in the display. Radio play will begin.
2. If necessary, adjust the position of the cable antenna for clearer FM radio reception.

Changing Stations

Press  to tune the frequency to next higher preset station or press  to tune in the next lower preset station. Press and hold to seek the next station.

Setting Preset Station Selections

The Home Hub can store 20 preset radio stations. You choose the preset stations on the BIN web site and they'll be downloaded to your Home Hub the next time you update your settings or when the Home Hub automatically synchronizes its settings.

Instructions for setting preset radio stations are available on the BIN web site and in this manual in the section Programming Radio Presets on page 39.

Radio Menu options:

Using the Home Hub's on-screen menus, you can select:

Preset Synch	On/Off	Enable or disable synchronization of the Home Hub alarm settings with the alarm settings received from the BIN.
Mute Low Signal	On/Off	When this feature is enabled (default) radio play is muted when the broadcast frequency signal level is low.
Search Level	1, 2, 3	Select the strength of the radio tuner's search for radio stations. 3 indicates that a high or good quality signal is required in order to detect a station and 1 indicates lowest signal quality is required.

6. Working with the Home Hub's Menus

Use the Home Hub's on-screen menus to...

- Initialize Internet or network settings
- Update settings for information display and operation of Beyond appliances on your home network
- Manually set the time, date, sleep timer and alarms
- To view system information such as serial number and software version.

Navigating the Menus

Use the four buttons below the display to navigate through the menus. The text above each button indicates the button's function. The text will vary depending on which menu or function is active.

To access the Home Hub's menus, from the main (time/day/date) display, press **Menu**. The main display is shown on the next page:



Info

Normally, information (News, Weather, Finance, etc.) is displayed in the lower half of the screen. When you select **Info** the entire screen is used to display all the information available in the current category (a complete weather forecast, in this example).

Press **Next** to display the next category of information.

Press **Done** to return to the main display.

Next

Press to see the next screen of information in the current category without clearing the time/day/date from the top half of the display.

Menu

Press to display the Main Menu.

Alarms

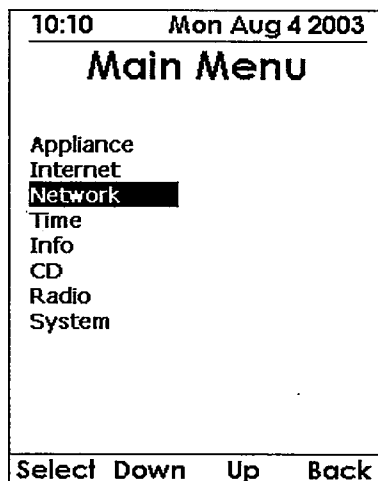
Press to set the Alarms. Please refer to Manually Setting the Alarms on page 29 for instructions on setting the alarms using the on-screen menus. You may also set the alarms on the BIN.

General Instructions for Navigating Menus:

- Press << or >> to sequentially display optional settings.
- When the desired setting appears, press **Store** to save the setting.
- Press **Cancel** to cancel changes.
- Press **Back** to return to the previous menu or the Main Screen.

Main Menu

Start from the Main Menu to access all of the Home Hub's sub-menus.



Select

Select the highlighted item.

Down

Move the highlighting (selection) down.

Menu

Move the highlighting up.

Back

Return to the main display.

Appliance Menu

The Appliance Menu allows you to:

- Modify the way Home Hub communicates with the Beyond appliances in your home network.
 - Detect new Beyond appliances on the network.
 - Initialize your home network and set a new Home Code when you first install your Home Hub.
- Note:** Set a new Home Code only when the Home Code listed in the menu is None.
- View or set your Home Code.

Please refer to Section 7, Home Hub Appliance Network, on page 34 for complete information on using the Home Hub to communicate with your Beyond appliances.

12:35 PM Mon Aug 4 2003	
Appliance Menu	
Home Code	80
Appl Time	On
DB Synch	On
Messages	On
Initialize HC	
Detect Appls	
Clear Appls	
Select Down Up Back	

- | | |
|---------------------|--|
| Home Code | Displays current Home Code used by the Home Hub to identify Beyond appliances in your home network. If this value is None, it means that you must first Initialize your Home Hub. |
| Time Synch | On: The Home Hub will (or Off , will not) automatically update the clocks on the Beyond appliances in your home network. |
| DB Synch | On: The Home Hub will (or Off , will not) automatically update the recipe data base in the Beyond Microwave Oven and Beyond Bread Maker. |
| Messages | On/Off: The Home Hub will (or Off , will not) display appliance status messages in the bottom half of the main display. |
| Initialize | When you select Initialize the Home Hub searches for an available Home Code. The message Home Hub House Code Searching appears in the display. (Messages must be set ON .)

Press Ok to clear the message.

The message Home Hub Home Code: # Found appears in the display.

Press Ok to clear the message and return to the main display (time/day/date). |
| Detect Appls | Press to detect new Beyond appliances on your home network. |
| Clear Appls | Select Reset to clear detected appliances and to launch a new Detect Appliances operation. Use Reset when you have removed/unplugged an appliance from the network. You can also use Reset when the Home Hub is experiencing difficulties detecting or communicating with Beyond appliances. |

Internet Menu

Use the Internet Menu to view, update or initialize settings from the BIN.

12:36 PM Mon Aug 4 2003	
Internet Menu	
Last Update	08-04 10:33
Auto Update	On
Update Info	
Setup B.I.N.	
Select Down Up Back	

- Last Update** Displays the date of the last Internet update.
- Auto Update** The Home Hub will (or **Off**, will not) automatically connect to the BIN to update settings. If **On** is selected, the time of the automatic update is set on the BIN web site. If you have an Ethernet connection, the Home Hub will connect to the BIN approximately once per hour. If you are using a modem, the Home Hub will connect to the BIN once a day.
- Update Info** If you have modified your Home Hub or Beyond Appliances on the BIN you can activate the settings immediately by pressing **Update**.
- Setup BIN** If you have edited the information in your user profile, you must select **Setup BIN** to download the new information to the Home Hub.

Network Menu

Use the Network Menu to select the type of Internet connection you will use to view your ISP settings.

12:49 PM Mon Aug 4 2003	
Network Menu	
Type	Modem
IP Address	192.168.80.4
IP Net Mask	255.255.255.0
DHCP	Off
ISP User	enzolai
ISP Num	5553333
Down Up Back	

- Type** **Auto** (default), **Modem**, **Ethernet**
Select the type of Internet connection used with your Home Hub. After making your selection, press **Store** to save.
- IP Addr. Mask** Displays settings created in your user profile on the BIN web site.
- ISP User** IP Address and Net Mask will also show values automatically assigned by DHCP.
- ISP Num**
- DHCP** **On/Off**: Enable or disable Dynamic Host Configuration Protocol.
Note: Please consult with your Internet Service Provider for the optimum setting.
- Ethernet** Indicates Ethernet connected or disconnected status

Time Menu

Use the Time Menu to modify setting for the clock, alarms and sleep timer. You can access the Set Alarm sub-menu from the Time Menu.

Setting the Clock Preferences

The Home Hub communicates with the BIN to maintain the correct time and date based on the zip code entered in your User Profile on the BIN. However, you may opt to adjust the time settings manually.

Clock preferences are set using the Time Menu. The Time Menu allows you to:

- Enable or disable automatic maintenance of the clock.
- Set the time.
- Set the time format (12- or 24-hour).
- Set the time zone.
- Enable or disable automatic Daylight Saving Time adjustments.

12:38 PM Mon Aug 4 2003	
Time Menu	
Alarm Synch	On
Time Synch	Off
DST	On
Format	12 AM/PM
Time Zone	-5
Set Alarm	
Set Sleep	
Set Time	
Select Down Up Back	

When adjusting settings in the Time Menu:

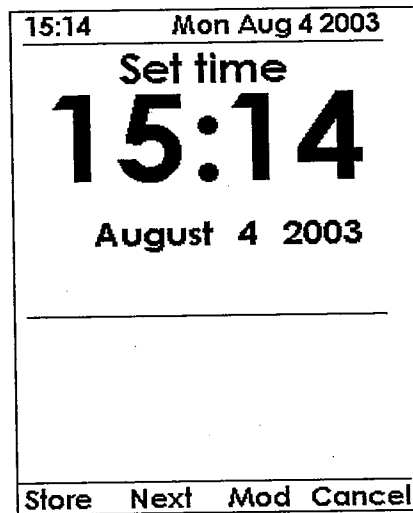
- Press < or > to change settings.
- Press **Store** to save the settings.
- Press **Cancel** to cancel changes.

Alarm Synch	On: The Home Hub will (or Off , will not) download Alarm settings from the BIN.
Time Synch	On: The Home Hub will (or Off , will not) maintain the correct time of day based on the zip code entered in your user profile in the BIN. The Home Hub communicates the time setting to the Beyond appliances in your home.
DST	On/Off: Enable or disable automatic Daylight Saving Time updates.
Format	12 AM/PM (default): Display the time in 12-hour am/pm format. 24 H: The time of day is displayed in 24-hour (military) format.
Time Zone	-6: The digit displayed reflects your time zone based on Greenwich Mean Time. It is set automatically based on the zip code entered in your user profile. You can set Time Zone manually if you first select Time Synch Off (see above). A table of North American time zones can be found on page 50.
Set Alarm	Select to open the Set Alarms Menu. See page 29 for using the Set Alarms menu. You may only set alarms manually if Alarm Synch is set to off.
Set Sleep	Select to set the Sleep Timer. Off is the default. You can set the timer in 5-minute increments from 5 to 90 minutes.
Set Time	Select to set the time and date. To set the time manually you must first select Time Synch Off (see above).

Manually Setting the Time and Date

The Home Hub automatically maintains the correct time through its connection with the BIN. However, you may manually set the time.

NOTE: You may only set time manually if Time Synch in the Time Menu is set to Off.



1. Press **Down** or **Up** as necessary to highlight **Time**.
2. Press **Select**. The Set Time menu will open.
3. The hour digits will be blinking. Press **Mod** until the desired digits are displayed.
4. Press **Next** to move to the minute digits. Press **Mod** until the desired digits are displayed.
5. Press **Next** to move to the month. Press **Mod** until the desired month is displayed.
6. Press **Next** to move to the day. Press **Mod** until the desired day is displayed.
7. Press **Next** to move to the year. Press **Mod** until the desired year is displayed.
8. When the time and date are set correctly, press **Store** to save the setting and return to the main display.


Note: You can also access the Set Time menu by pressing and holding



Manually Setting the Alarms

05:03 AM Wed Sep 3 2003



Set Alarms

 **09:45** AM

Wednesday

Alarm State: Off
 Snooze Minutes: 25
 Audio Source: FM Radio
 Radio Preset: 5

●●●●●○○○○○

 Wed 07:10 AM On
 **Wed 09:45 AM Off**

Set Next Test Done

NOTE: You may only set alarms manually if Alarm Synch in the Time Menu is set to Off.

To open the Set Alarms menu:

- From the main display, press **Alarms**, or
- From the Time Menu select **Set Alarm**

1. Press **Next** to toggle between Alarm 1 and Alarm 2. In the illustration to the left, Alarm 1 is selected. When the desired Alarm is highlighted:
2. Press **Set**. The hour digits will blink. Press **Mod** repeatedly until the desired digits are displayed.
3. Press **Next** to move to the minute digits. Press and hold **Mod** until the desired digits are displayed.
4. Press **Next** to move to State. Press **Mod** to toggle between **On/Off** until the desired setting is displayed.
5. Press **Next** to move to Snooze Minutes. Press **Mod** to adjust the snooze minutes from 0 to 90 in 5-minute increments until the desired setting is displayed.
6. Press **Next** to move to Audio Source. Press **Mod** repeatedly to cycle through the options: FM radio, CD Player, Buzzer. When the desired option appears press **Next**.
7. Press **Mod** to select Audio Sound (1-4 when Buzzer is the Audio source), CD Track or Radio Preset. When the desired setting appears press **Next**.
7. Press **Mod** to increase or decrease the audio volume.
8. When all the settings are satisfactory, press **Store** to save the settings. Press **Cancel** to discard new settings and revert to previous values.

Setting the Sleep Timer

04:16 AM Wed Sep 3 2003

Set sleep

10 min

Store << >> Cancel

Setting the Sleep Timer starts a countdown that will shutoff the current audio when it expires. You can use the Sleep Timer when listening to a CD or the radio while falling asleep, for example, to make sure that the audio turns off after a certain amount of time.

1. To open the Set Sleep menu press the snooze button on top of the Home Hub.



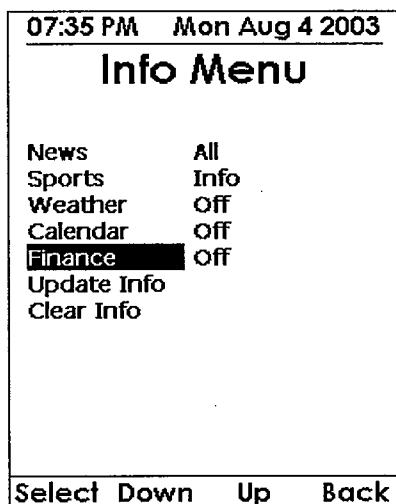
2. Press << or >> to adjust the timer up or down. When the desired time appears press **Store** to save the setting and return to the main display.

Audio will turn off automatically after the set number of sleep minutes have expired.

Note: If **Store** is not selected, and no other buttons are pressed, the sleep timer will automatically be set to the number of minutes shown in the display.

Info Menu

The Information Menu allows you to select the categories of information that appear on the main display.



News
Sports
Weather
Calendar
Finance
Appliance

All/On/Off: Enable or disable the display of information for the selected category. Each category that is turned on is displayed for 5 seconds. Informational displays rotate in sequence: Weather, News, Sports, Appliance, Finance.

For each item in this menu there are 3 possible values:

- **Off:** This type of information is never downloaded from the BIN.
- **All:** This category of information is downloaded from the BIN. An abbreviated version is displayed in the lower half of the Home Hub's screen. A full version can be displayed by pressing **Info** from the default display.
- **Info:** This category of information is downloaded from the BIN. It is displayed on the full screen page shown when **Info** is pressed.

When you revise the settings on the Info Menu the changes will not go into effect until the next time the Home Hub connects to the BIN. To update the display immediately:

1. Press **Down** until **Clear Info** is highlighted. Press **Select**.
2. Then, press down until **Update Info** is highlighted. Press **Select**.

Update Info

Download the latest weather, news, sports, information from the BIN.

Clear Info

Clears all information downloaded from the BIN.

CD Menu

View or select CD playback options. To view all playback options, the Home Hub must be in CD audio mode.

NOTE: You may only change CD menu items when the CD is currently playing.

04:49 AM Wed Sep 3 2003

CD Menu

Mode Repeat Disc

Store << >> Cancel

Repeat Disc

All tracks on the CD are played continuously in sequence until either the Stop or Audio Mode button is pressed.

Normal

Plays to end of disc then stops.

Radio Menu

Use the Radio Menu to enable or disable automatic updates of radio station presets, to enable or disable the Mute Low feature, to set the tuner search level and to manually set station presets.

NOTE: Many of these menu items are only available when the radio is currently playing.

12:27 Mon Aug 4 2003

Radio Menu

Preset Synch On
Mute Low On
Search Level 3
Preset 3: 000.0
Frequency 99.3
Tune Up
Tune Down
Search Up
Search Down
Store Preset
Clear Preset

Store < > Cancel

Preset Synch

The Home Hub will (or **Off**, will not) download radio station presets from the BIN. Downloaded presets will override manual presets if Preset Synch is On.

Mute Low

The Home Hub will (or **Off**, will not) mute radio output when the broadcast signal level is low.

Search Level

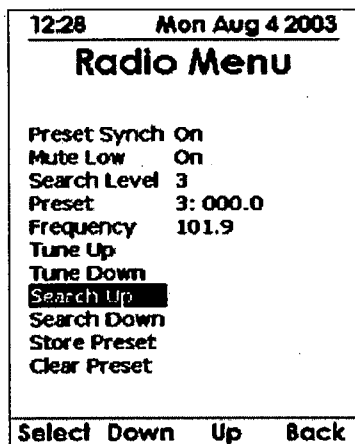
3 (default). Set the level (from 1 - 3) for seeking radio stations. Search Level 1 will allow weaker stations, Search Level 3 will select only the strongest stations.

Preset Frequency

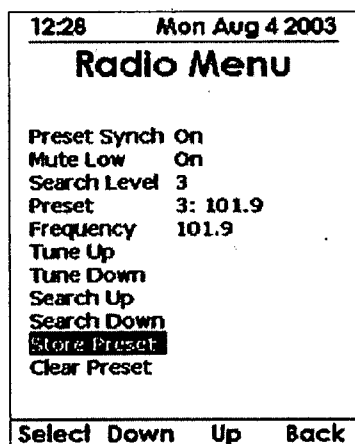
You can preset up to 20 radio stations. In this example, radio station 99.3 is preset 5.

Manually Setting Preset Stations

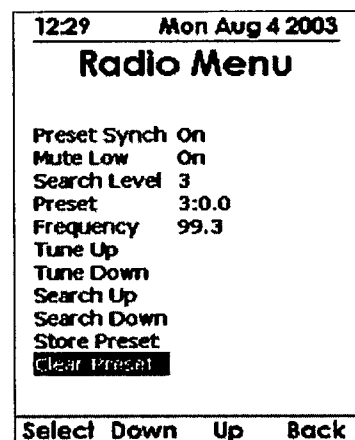
You can set up to 20 radio presets on the Home Hub using either the BIN web site or the Home Hub's Radio Menu. Instructions for setting radio presets on the BIN web site are found in "Programming Radio Presets" on page 39.



1. Turn the radio on. Open the Radio Menu. The frequency of the station that is currently tuned in will be displayed. The preset number assigned to that station will also be displayed.
2. Press **Down** until **Search Up** is highlighted, Press **Select**. The Home Hub will seek and tune in the next available frequency (101.9 in this example).



3. If you want to make 101.9 a preset station, press **Up** until **Preset** is highlighted. Press **Select**. A preset number will be displayed. If you want to use a different preset number, press << or >> to choose a lower or higher preset number.
4. When the desired preset number appears, press **Store**.
5. Press **Down** until **Store Preset** is highlighted. Press **Select**. The station currently tuned in will be preset to the number you selected in step 3.



Clearing or Reassigning Presets

If you want to change the radio station assigned to a particular preset:

6. Highlight **Preset** and press **Select**. Press << or >> to view current preset assignments.
7. When the preset that you want to clear or reassign appears press **Store Preset**.
8. Press **Down** until **Clear Preset** is highlighted. Press **Select** to clear the frequency currently assigned to that preset number.

System Menu

Use the System Menu to:

- View Home Hub serial number and software version
- Update software
- Adjust the brightness of the display backlight
- Restore default settings
- Factory reset

13:00	Mon Aug 4 2003
System Menu	
Serial Num	111111111314
SW Version	01.06.007
Country	US
Language	English
Backlight	Auto
SW Update	
Reset Cfg	
SW Restore	
Select	Down Up Back

Serial Number	Displays the Home Hub's serial number.
SW Version	Displays the version number of the software running on your Home Hub.
Country	Displays the localization settings for the Home Hub.
Language	Displays the language used for Home Hub displays.
Backlight	Options are: Auto , Off , 1 , 2 , 3 , 4 . Auto : The brightness of the display will adjust automatically according to the amount of ambient light in the Home Hub's location. Off . Turn off the display backlight. 1, 2, 3, 4 . Select increasingly bright backlight levels.
SW Update	Select to download a new software release.
Reset CFG	Select to restore all menu options to their default values. When you select Reset Cfg , you will then be prompted to select Yes to confirm the reset.
SW Restore	Restore software and configuration settings to factory default state. When you select SW Restore , you will then be prompted to select Yes to confirm the reset.

7. Home Hub Appliance Network

Overview

The Home Hub establishes a network via your home's electrical wiring to detect, monitor and communicate with other Beyond appliances in your home. The Home Hub also serves as a gateway to the Beyond Information Network.

There are three Beyond appliances available:

Coffee Maker

The Beyond Coffee Maker features flexible programming that allows it to conform to your weekly schedule. Each day of the week can be programmed with a unique brew time and shut-off time with the simple point and click interface.

Bread Maker

The Beyond Bread Maker has a time of day display and a barcode scanner. Simply scanning the barcode on a box of bread mix or cake mix will automatically program the Bread Maker to cook the mix perfectly. The Home Hub maintains the Bread Maker's clock setting and synchronizes the Bread Maker's recipe data base with the BIN data base.

Microwave Oven

The Beyond Microwave Oven has a time of day display and a barcode scanner. Scanning the barcode on a package of microwaveable food automatically programs the oven to prepare the food perfectly. The Home Hub maintains the oven's clock setting and synchronizes the oven's recipe data base with the BIN data base.

The Home Code


Every Beyond appliance is set to a Home Code from 1 to 99. The Home Code allows the Home Hub to detect and communicate with the appliance. Each Home Hub and its network of appliances must be set to the same unique Home Code in order to avoid interference with other Home Hubs and appliances operating on the same power line network, for example in an apartment building. All of your appliances must be set to the same Home Code to work properly.

Role of the Home Hub

The Home Hub manages communication between your Beyond appliances and the Beyond Information Network. The Home Hub:

Monitors Appliances on the Home Hub Network

03:57 AM Wed Sep 3 2003

 **Appliance**
Home Code: 81

Coffee Maker Brewing
UPC DB: N/A
Params: 3:52 AM Sep 3

Microwave
UPC DB: Default
Params: N/A

Bread Maker Off
UPC DB: Downloading
Params: 3:56 AM Sep 3

Next Done

The Home Hub will display a list of the detected appliances in the Appliance Info page.

The Home Hub periodically checks to make sure that previously detected Beyond appliances are still online. One appliance is polled every 30 seconds. If an appliance does not respond to the Home Hub polling messages for a period of one hour (if the appliance is unplugged) it will automatically be removed from the list.

Note: To manually clear all appliances from the list and detect new appliances, from the main menu select: **Appliance > Clear Appls.**

Detects New Appliances

12:35 PM Mon Aug 4 2003

Appliance Menu

Home Code B0
Appl Time On
DB Synch On
Messages On
Initialize HC
Detect Appls
Clear Appls

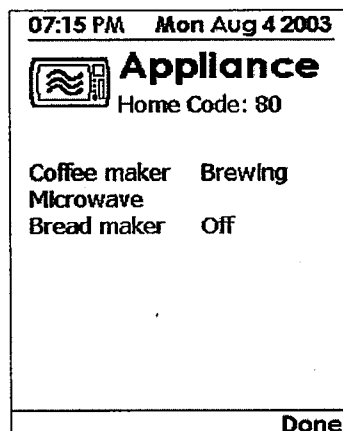
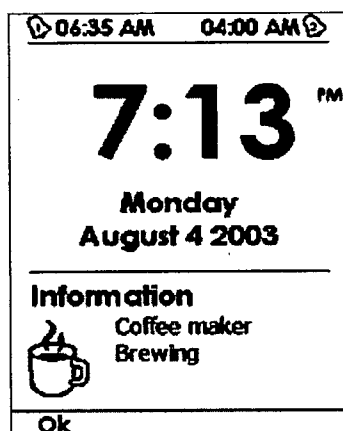
Select Down Up Back

When a new Beyond appliance is plugged in to an electrical outlet in your home it will be detected automatically by the Home Hub if its Home Code is the same as the Home Hub's Home Code. You must first set the appliance's Home Code to match the Home Hub's Home Code in order for the Home Hub to detect the new appliance.

Detecting New Appliances

1. Make sure the appliance's Home Code matches the Home Hub's Home Code. (Refer to the appliance's owner's manual for instructions for setting the appliance's Home Code.)
2. If the appliance was already plugged in, unplug it and plug it in again. OR – From the Main Menu, on the Home Hub, select **Appliance > Detect Appls.**

Monitors Appliances



The operating status of the bread maker and coffee maker are monitored every 30 seconds while these appliances are on-line. If the status of an appliance changes a message will appear in the lower half of the main display and on the Appliance Info display (if **Appliance > Messages** is set to On).

The status is also checked immediately when an appliance comes on-line.

Sets and Maintains Appliance Clocks

In the Appliance Menu, if **Appl Time > On** is selected, the Home Hub synchronizes the time on the appliances every 5 minutes. The time is also synchronized whenever a new appliance is detected. This means that the clocks on the Beyond appliances will always be synchronized with the exact time and will automatically be adjusted for time zone and daylight savings time. In the case of a power outage the appliances will all have the same time once they have all come back on line.

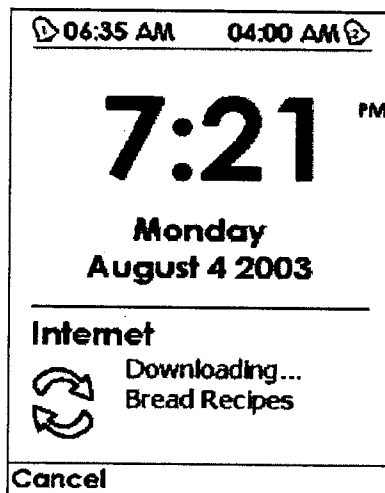
Updates Appliance Parameters

The Home Hub downloads programming parameters (Coffee Maker schedule, Microwave Oven and Bread Maker programs/recipes) from the BIN for each type of online appliance. The parameters are sent to the appliances as soon as they are downloaded from Internet. Status messages appear in the lower part of the main display indicating when upload to appliance is started and when it is complete.

Program parameters are stored in the Home Hub and uploaded to any new device of the appropriate type that is detected after a delay of five minutes. If the Home Hub is powered off before the parameters are sent to the appliance, they are lost. They must be downloaded again.

To manually initiate a parameter update, from the Main Menu select **Internet**. When the Internet Menu opens, select **Update Info**.

Maintains the Recipe Database for the Beyond Bread Maker and Microwave Oven



If **Appliance > DB Synch** is **On**, the Home Hub polls your Beyond Breadmaker and Microwave Oven every five minutes for scanned barcodes. The Home Hub saves a list of the barcodes and sends it to the BIN, and at the same time checks to see if a new UPC/barcode database is available.

New barcode databases are downloaded and sent to the appropriate appliance. The barcode databases can be quite large. The process can take up to one and a half hours to complete. Normal communication with the appliances is uninterrupted during the download procedure.

Messages are displayed indicating when the database download starts and completes. The completion message indicates the status of the database download. If the download was not successful, an error code and message will be displayed. The Home Hub will try to download the database again after one hour.

If a new appliance comes online and the Home Hub has downloaded a valid database for that type of appliance, it sends the database to the newly detected appliance (after a delay of five minutes).

If the Home Hub is powered off, databases that were downloaded from the BIN but not yet sent to the appliances are lost.

To manually check for a new database, from the Main Menu, select **Internet**. When the Internet Menu opens, select **> Update Info**. Or, use the Update button on top of the Home Hub.

Setting Up the Home Hub as an Appliance Network Hub

For a functioning appliance network:

- Your Home Hub must select a Home Code.
- All the appliances to be included in the network must have their Home Codes set to match the Home Hub
- The Home Hub must detect the appliances on the network.

Please refer to the section "Setting Up the Home Hub to Manage Beyond Appliances" on page 16 for instructions on setting a new Home Code and detecting the Beyond appliances in your home.

Removing Appliances from the Network

If you wish to remove an appliance from the Home Hub's network:

1. Unplug the appliance.
2. Open the Appliance Menu and highlight **Clear Appliances**. Press **Select**. The Home Hub will detect the appliances that are still on the network. The appliance that was unplugged will be omitted.
3. To verify that the appliance has been removed, open the Appliance Info page to view a list of appliances on the Home Hub's network.

8. Using Your BIN Account to Manage Home Hub Settings

You may access the Beyond Information Network (BIN) from any standard Internet browser. The BIN interface allows you to easily program your Beyond appliances and manage and customize nearly all of the Home Hub's parameters and options. (You must first register and set up your User Profile. If you have not already done so, please refer to the section "Initializing Your Home Hub" on page 15.)

To access the BIN web site, type the following URL into your browser's address bar:
<http://www.beyondappliances.com/bis>

Logging On to the Beyond Information Network (BIN)

To program the Home Hub and your Beyond Appliances from your personal computer, you start by logging on to the BIN.

To log on to the BIN:

1. In your Internet browser's address bar type the following URL:
<http://www.beyondappliances.com/bis>. Click **Go** or press **Enter** as appropriate. The BIN home page will open.
2. Click **Log In** (on the menu bar at the top of the screen). When the Login dialog opens, enter your user name and password.
 - If you don't want to enter your username and password every time you log in, check **Remember Me**.
 - If you can't remember your password, click **I forgot my password**. Your password will be e-mailed to you shortly.

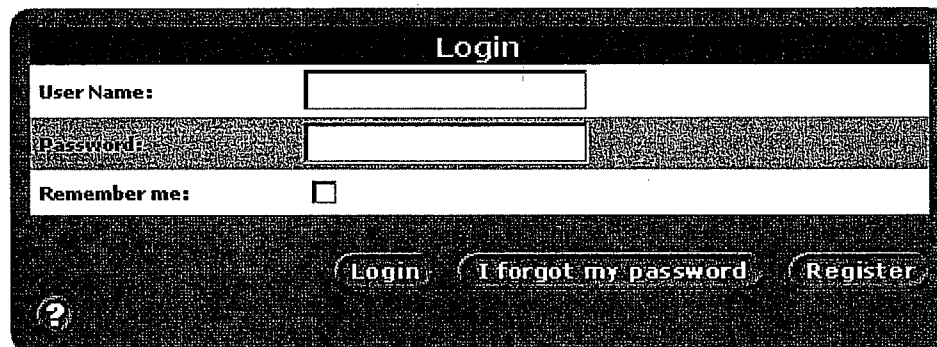


Figure 7. Login Dialog

3. When the Login dialog is complete, click **Login**. The Program Appliances page will open (Figure 8).

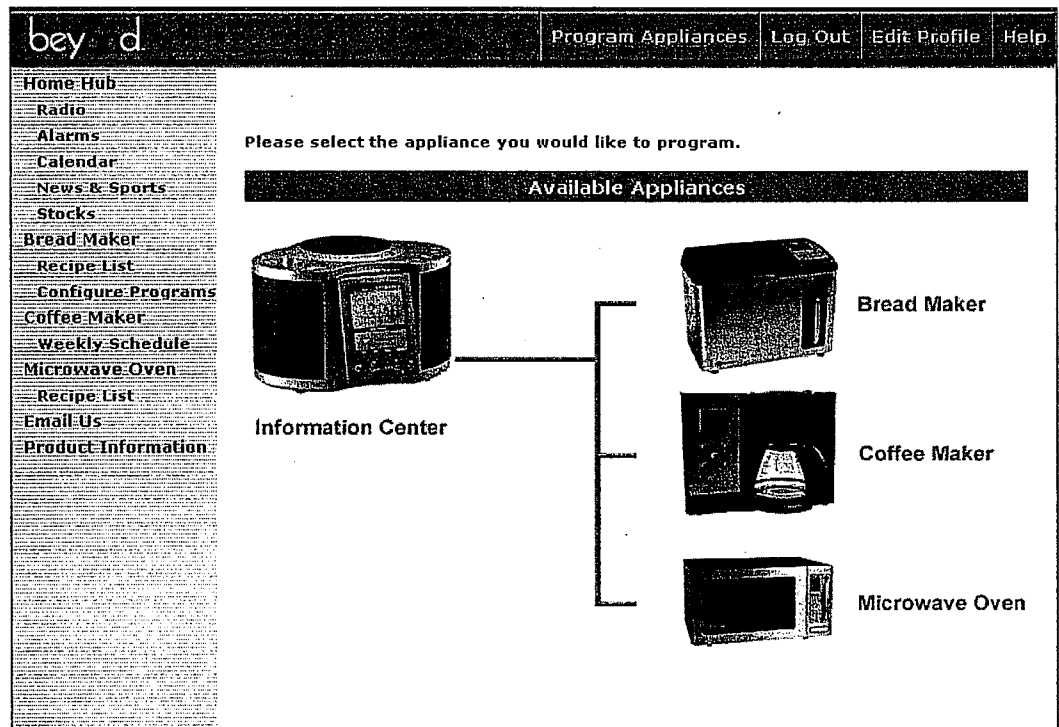


Figure 8. Program Appliances Page

Programming Your Home Hub and Beyond Appliances

The Program Appliances page (Figure 8) provides access to every Home Hub function and user-configurable feature for the Home Hub and the Beyond appliances in your home.

Programming Radio Presets

Start on the Program Appliances page.

1. Click **Radio** in the list of links on the left margin of the Program Appliances page. The Radio Presets dialog will open (Figure 9).
2. The Radio Presets page shows a list of all available radio stations in your area (based on the zip code entered in your User Profile). To select a station, click the box in the **Selected** column next to the desired radio station. To unselect a station, click the check mark in the **Selected** column. You may set up to 20 presets.
3. You may add an unlisted FM radio station by entering the frequency and call letters in the fields at the bottom of the Available Stations dialog.
4. When you are finished making your selections, click **Save** to save your selections and return to the Program Appliances page.
5. Your radio presets will be available next time your Home Hub connects to the internet and updates. (Please refer to the Info Menu section on page 28.)

Available FM Stations				
Freq	Call Sign	City	State	Stations
100.3	KEXP-FM	SEATTLE	WA	<input type="checkbox"/>
90.7	KSER	EVERETT	WA	<input type="checkbox"/>
94.9	KUOW	SEATTLE	WA	<input type="checkbox"/>

Add Unlisted Station		
Freq	Call Sign	FM
<input type="text"/>	<input type="text"/>	<input type="text"/>

Figure 9. Radio Presets Dialog

Programming Alarms

Start on the Program Appliances page.

1. Click **Alarms** in the menu bar on the left margin of the Program Appliances page. The Alarm 1/Alarm 2 page will open (Figure 10).
2. Use the **Set Schedule** dialog in the center of the screen to set an alarm schedule for each day of the week.
 - Use the pull down menus in the **On Time** column to set the hour, minutes and AM/PM.
 - Use the pull down menus in the **Wake Up To** column to set the alarm to be a buzzer, CD or radio.
 - Use the pull down menus to select a volume from 01 (very soft) to 40 (loud).
 - To activate the alarm, put a check in the **Active** column.
3. When the alarm settings are satisfactory, click **Save**.
4. To return to the Program Appliances page, click your browser's **Back** button or click **Program Appliances** (in the menu bar at the top of the screen).

Day	On Time	Wake up To:	CD Track	Volume	Active
Sunday	01:00 am	2 KUOW	01	01	<input type="checkbox"/>
Monday	01:00 am	01 Beeper	01	01	<input type="checkbox"/>
Tuesday	01:00 am	01 Beeper	01	01	<input type="checkbox"/>
Wednesday	01:00 am	01 Beeper	01	01	<input type="checkbox"/>
Thursday	01:00 am	01 Beeper	01	01	<input type="checkbox"/>
Friday	01:00 am	01 Beeper	01	01	<input type="checkbox"/>
Saturday	01:00 am	CD	05	01	<input type="checkbox"/>

Buttons: Cancel, Reset, Save

Figure 10. Alarm Programming Page

Programming the Calendar

Start on the Program Appliances page.

Click **Calendar** in the menu bar on the left margin of the Program Appliances page. The Calendar page will open (Figure 11).

Navigation Bar: Program Appliances | Log Out | Edit Profile | Help

Sidebar Menu: Home Hub, Radio, Alarms, **Calendar**, News & Sports, Stocks, Bread Maker, Recipe List, Configure Programs, Coffee Maker, Weekly Schedule, Microwave Oven, Recipe List, Email Us, Product Information

Calendar Section:

Calendar

Please select an event which you would like to view, or edit, the details by clicking on that event or add a new event. You may change your associations at any time.

Associations: Sunny, Mira, Coco

Back | Today | Add New Event | Change Associations

Calendar Grid:

Select: June 2003 Go

Sunday	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	Dentist appt	26	27	28
29	30					

Back | Today | Add New Event | Change Associations

Figure 11. Calendar Page

Associations

The Home Hub calendar can manage schedules for up to four individuals. Each individual using the calendar may choose to have their calendar events displayed in a particular color so that their events can be easily distinguished from those of other individuals using the Home Hub's calendar.

Add events to the calendar:

1. Select the desired month and year using the pull down menu. Click **Add New Event** (above the calendar). The Add New Event dialog will open (Figure 12).
2. Fill in the fields for Subject, Location, Notes. Use the pull down menus to set the dates and times. If desired, choose a color association.
3. Click **Save** to save the event to the Home Hub calendar and return to the Calendar page.

To view details for an existing event:

1. On the Calendar page, click the event. The Edit Event dialog will open.
2. View or if desired, edit details. Click **Save** to return to the Calendar page.

To return to the Program Appliances page, click your browser's **Back** button or click **Program Appliances** (in the menu bar at the top of the screen).

Figure 12. Add Event Dialog

Programming News & Sports

You can program the Home Hub to search for the news and sports headlines that are most relevant to you.

Start on the Program Appliances page.

Click **News & Sports** in the menu bar on the left margin of the Program Appliances page. The News and Sports Preferences page will open (Figure 13). To set sports preferences click **Sports** at the top of the News Categories dialog.

To set news preferences:

Enter up to five different keywords to filter the news in the desired category. When you are finished making your selections, click **Save** to save your selections and return to the Program Appliances page.

News | Sports

Available News Categories

<input checked="" type="checkbox"/> Business	KeyWords: environment				
<input type="checkbox"/> Global	KeyWords:				
<input type="checkbox"/> Entertainment	KeyWords:				
<input checked="" type="checkbox"/> General	KeyWords: science				
<input checked="" type="checkbox"/> Health	KeyWords: yoga	organic			
<input checked="" type="checkbox"/> International	KeyWords: Italy	Japan			
<input type="checkbox"/> Politics	KeyWords:				
<input type="checkbox"/> Strange	KeyWords:				
<input type="checkbox"/> Technology	KeyWords:				
<input type="checkbox"/> US	KeyWords:				
<input type="checkbox"/> Other	KeyWords:				

Save

Figure 13. News and Sports Preferences

Programming Stocks

The Home Hub will display information for stocks that you have saved in your Home Hub portfolio. To create a portfolio:

Start on the Program Appliances page.

1. Click **Stocks** in the menu bar on the left margin of the Program Appliances page. The Stock Portfolio page will open (Figure 14).

Symbol	Company Name	Shares	Personal
SFP	SALTON INC	500	<input checked="" type="checkbox"/>
PSC	PHILADELPHIA SUBURBAN CP	750	<input type="checkbox"/>

Save

?

Figure 14. Stock Portfolio Page

2. Click **Add Stock** to open the Add Stock dialog (Figure 15).

Symbol	Add New Stock	Shares
<input type="text"/>		<input type="text"/>

Look-up Symbol Save

?

Figure 15. Add Stock Dialog

3. Enter the appropriate ticker symbol and number of shares. If you don't know the ticker, click **Look-up Symbol**. The Search Stock dialog will open (Figure 15).

Search Stocks by Company Name or Symbol

Search by Symbol:

Search by Company Name:

[Look-up Symbol](#)

Search Results

Symbol	Company Name	Action
MSO Y	MARTHA STEWART LIVING	ADD
MSO Y	MARTHA STEWART LIVING	ADD

Figure 16. Search for Stocks Dialog

4. Enter the company name or symbol and click **Look-up Symbol**. When the search results appear, click **ADD** to have the stock added to your Home Hub portfolio and return to the Add Stock dialog.
5. When you're finished adding stocks, click **Save** to save your Home Hub portfolio and return to Program Appliances page.

Programming the Beyond Bread Maker

Please refer to your Beyond Bread Maker's owner's manual for complete instructions on programming and using the Bread Maker.

You can download breadmaking programs for your favorite bread maker mixes. You can also create up to five custom breadmaking programs based on commercial mixes or your own recipe.

To start programming the Beyond Bread Maker, click **Bread Maker** on the menu bar on the left margin of the Program Appliances page (Figure 17).

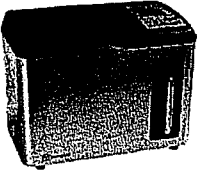
bey d

Program Appliances | Log Out | Edit Profile | Help

Home Hub
Radio
Alarms
Calendar
News & Sports
Stocks
Bread Maker
Recipe List
Configure Programs
Coffee Maker
Weekly Schedule
Microwave Oven
Recipe List
Email Us
Product Information

You have selected Bread Maker.

Available Appliances

 Bread Maker

Add mixes to memory

Configure user programs

Figure 17. Programming the Bread Maker

Downloading Recipes From the BIN

1. Click **Add mixes to memory** or **Recipe List** (from the list on the left margin). A list of all the recipes available from the Beyond Information Network (BIN) will open. The default is for all the recipes to be selected for download (there is a check mark beside every recipe in the "Selected" column).
2. Click **Clear All** to unselect all the recipes. Then click the box beside each recipe you wish to download. When you are finished making your selections, click **Save** to save your selections and return to the main Bread Maker page.
3. The next time your Home Hub connects to the BIN, the recipes you selected will be downloaded to your Bread Maker's memory.

Programming Customized Bread Maker Recipes

You can customize cooking programs for commercial mixes and create cooking programs for your own homemade mix. To create custom cooking programs:

1. Click **Configure Programs**. The Configure Programs dialog will open (Figure 18).
2. Enter a name for the program (required). Use the pull down menus to set cooking time and other recipe details. When you are satisfied with your selections, click **Save** to save your custom program to the Bread Maker's memory and return to the Program Appliances page.

Program Name :

User Program 1

Event	Entry
Preheat time:	<input type="text" value="000"/> Minutes
Knead 1 time:	<input type="text" value="000"/> Minutes
Knead 2 time:	<input type="text" value="000"/> Minutes
Rise 1:	<input type="text" value="000"/> Minutes
Punch down:	<input type="text" value="000"/> Seconds
Rise 2:	<input type="text" value="000"/> Minutes
Shaping:	<input type="text" value="000"/> Seconds
Rise 3:	<input type="text" value="000"/> Minutes
Baking:	<input type="text" value="000"/> Minutes
Keep Warm:	<input type="text" value="000"/> Minutes
Nuts or Add-ins:	<input type="text" value="No"/>
Temperature:	<input type="text" value="200"/> Degrees

Figure 17. Configure Programs Dialog

Programming the Coffee Maker Weekly Brew Schedule

Please refer to your Beyond Coffee Maker's owner's manual for complete instructions on programming and use.

To set the Beyond Coffee Maker's weekly brew schedule:

1. Click **Coffee Maker** on the menu bar on the left margin of the Program Appliances page (Figure 19). The Set Schedule dialog will open.
2. The Current Schedule dialog displays the current brew schedule for each day of the week. To edit the brew schedule, use the pull down menus in the Set Schedule dialog to set the hour and minutes for each day of the week.
3. When the settings are satisfactory click **Save** to save the schedule to the Home Hub's memory and return to the Program Appliances page.

Day	On Time	Off Time
Sunday	10:00 AM	11:00 AM
Monday	06:00 AM	06:30 AM
Tuesday	07:15 AM	09:15 AM
Wednesday	05:45 AM	06:45 AM
Thursday	07:00 AM	08:00 AM
Friday	07:00 AM	08:00 AM
Saturday	10:00 AM	11:00 PM

Save

Figure 19. Coffee Maker Weekly Schedule

Programming Microwave Oven Recipes

Please refer to your Beyond Microwave Oven's owner's manual for complete instructions on programming and use.

You can download microwave cooking programs for your favorite microwaveable foods. You can also create custom microwave cooking programs for commercially prepared foods or your own recipes.

To start programming the Beyond Microwave Oven:

1. Click **Microwave Oven** on the menu bar on the left margin of the Program Appliances page. A list of all the recipes available from the BIN will open. The default is for all the recipes to be selected for download (there is a check mark beside every recipe in the "Selected" column).
2. Click **Clear All** to unselect all the recipes. Then click the box beside each recipe you wish to download to your oven's memory. When you are finished making your selections, click **Save** to save your selections and return to the Program Appliances page.

The next time your Home Hub connects to the BIN, the recipes you selected will be downloaded to your microwave oven's memory.

9. Maintenance

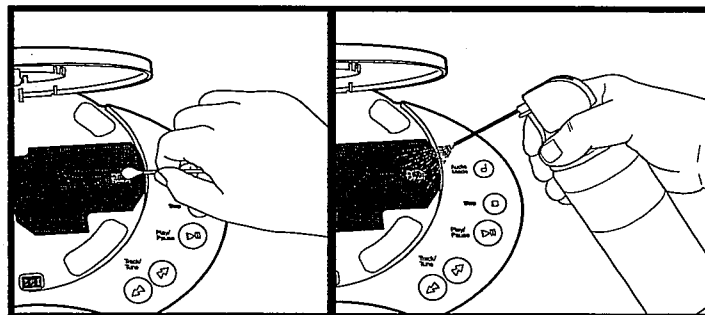
Cleaning and Care

External surfaces

Note: Unplug the Home Hub from household AC current before cleaning.

- Wipe external surfaces with a soft, dry cloth. If the surfaces are extremely dirty, use a soft cloth lightly moistened with a soap-and-water solution or a weak detergent solution.
- Never use abrasive pads, scouring powders, alcohol, paint thinner, benzene or other solvents.

Laser lens



- Open the CD lid. Using a cotton swab, gently wipe off finger prints.
- To clear dust from the lens, use a camera lens blower.
- Never touch the laser lens with your fingers.

10. Reference

Digital vs. Analog Phone Lines

Two types of phone lines commonly available: analog and digital. Most homes are wired with analog phone lines. Digital lines are usually found in commercial and industrial sites. However, newer homes, apartments, and condominiums may be pre-wired with high speed digital phone lines. All modems, including the modem in the Home Hub, require an analog phone line. Connecting a modem to a digital line will cause permanent damage to the modem.

To determine which type of phone line you have, look at the phone line connector. An analog phone connector is terminated with 2 or 4 copper wires. A digital connector is terminated with 6 or 8 copper wires. If you cannot determine *for certain* which type of phone line you have, contact your phone service provider.

If You Have a Digital Phone Line:

In commercial buildings, apartment buildings, and condominiums, digital phone lines usually come from a "telephone switch" or PBX located in the building. These telephone switches will also support analog phone lines. The telephone system administrator can arrange for an analog phone line to be brought to your location from the local telephone switch.

If you live in a house wired with a digital line, you can arrange with your phone company to have an analog line brought into your home. In addition, many digital phone manufacturers offer inexpensive adapters that plug into the digital phone line and convert it to an analog line. These adapters usually work best at lower modem speeds.

Technical Specifications

Environment	
Operating Temperature:	32°F to 113°F (0°C to 45°C)
Humidity:	10 % to 80 %
Storage Temperature:	-4°F to 113°F (-20°C to 45°C)
Humidity:	5 % to 95 %
Power	
Input Voltage	AC 100 to 120 Volts, 60 Hz
Power Consumption	30 Watts (max)
Physical Attributes	
Dimensions (W x D x H)	250 x 170 x 170 mm
Weight	6.6 lb; 3 kg
Enclosure	Injection moulded, high impact ABS plastic
Audio	
Channels	Stereo, Left + Right, Subwoofer
Power	4 watts per channel
Frequency Response	100 – 20,000 Hz
Speakers	2 x 2 inch, 16 Ω ; 1 x 3 inch, 8 Ω
Sound Level	75 dB maximum
Network	
Telephone Connection	RJ-11
Dial-up Connection	56k V.90 modem
Dial-up Protocol	PPP
Broadband Connection	RJ45 10BaseTX Ethernet, DHCP assigned IP address
Internet Protocol	TCP/IPv4
Display	
LCD	60 x 80 mm, FFSTN with backlight
Display Colors	Monochrome
Maximum Resolution	Horizontal: 240 Dots, Vertical: 320 Lines

NOTE: Specifications subject to change without notice.

Manually Setting Your Time Zone - North America

Table 2. Greenwich Mean Time for North America

Time Zone	Standard Time	Daylight Savings Time
Newfoundland	GMT -3h:30m	GMT -2h:30m
Atlantic	GMT -4	GMT -3
Eastern	GMT -5	GMT -4
Central	GMT -6	GMT -5
Mountain	GMT -7	GMT -6
Pacific	GMT -8	GMT -7
Alaska	GMT -9	GMT -8
Hawaii - Aleutian	GMT -10	NA

11. Troubleshooting

BIN Account Setup

Make sure a phone line with a dial tone is connected to the modem connector on the Home Hub's rear panel (see Figure 2 on page 13).

Problem	Remedy
You want to set up your account using the modem while the Ethernet and phone lines are connected to the Home Hub.	<ul style="list-style-type: none"> • In the Network Menu set Type > Modem. • Disconnect the Ethernet line until BIN setup is complete.
You want to setup using an Ethernet connection with a fixed IP but can't connect.	<ul style="list-style-type: none"> • Use the phone line to set up your BIN account. • Enter your IP address in User Profile dialog. • After setup is complete, disconnect the phone line and connect your Ethernet.
You want to setup over Ethernet using DHCP but can't connect.	<ul style="list-style-type: none"> • Open the Network Menu and verify that DHCP is On and a valid IP address is listed. • If you still cannot connect, use the phone line to complete BIN setup. After setup is complete, disconnect the phone line and connect your Ethernet.
Setup over the modem fails.	<ul style="list-style-type: none"> • Does your phone line require a prefix to dial out? • If so, complete Setup using Ethernet and DHCP, or use an analog phone line that does not require a dial-out prefix. • Note: This is necessary only during BIN Setup.

Update Info

Make sure that your BIN account is setup. If not, open the Internet Menu and select **Setup BIN**.

Problem	Remedy
You are trying to connect via modem while an Ethernet line is connected.	<ul style="list-style-type: none"> • Open the Network Menu. If you wish to connect to the BIN using a modem, verify that Type > Modem is selected.
Update over the modem fails.	<ul style="list-style-type: none"> • Open the Network Menu. Verify that the values in ISP User and ISP Num match the values entered in the Web site Edit Profile page. • Verify that a phone line with a dial tone is connected to the Home Hub.
Dial up error 680 - no dial tone is detected, or line in use on another extension.	<ul style="list-style-type: none"> • Verify that the phone line is not in use and that there is a dial tone on the line.
Dial up error 676 - busy. The ISP is busy.	<ul style="list-style-type: none"> • Try again later.
Dial up error 679 - no answer or no connect. No computer answered the call at the dialed number.	<ul style="list-style-type: none"> • Verify ISP telephone number is correct. • Verify that dial out prefix is correct. • Use ',' comma to insert a pause after the dial out prefix. • Contact ISP.
Dial up error 619 - no remote server. A modem picked up the call but no PPP server was found.	<ul style="list-style-type: none"> • Verify ISP telephone number correct. • Contact ISP.
Dial up error 691 - bad user name or password.	<ul style="list-style-type: none"> • Open the Network Menu. Verify that the ISP user name is correct. • Re-enter ISP password on web site Edit Profile page and run Setup BIN again. <p>Note: For security purposes, passwords are not displayed on the Home Hub.</p>
Other dial up error	<ul style="list-style-type: none"> • Try again later. If you continue to have problems, unplug the Home Hub for 30 seconds and try again. If you still have problems, contact Beyond support.

Other Problems

Problem	Remedy
The Home Hub cannot detect Beyond appliances	<p>Home Hub's Home Code does not match the Beyond Appliance's Home Code.</p> <ul style="list-style-type: none"> • Open the Appliance Menu. Check the Home Hub's Home Code. Make sure the appliances' Home Codes match the Home Hub's to make sure they are all the same. • Open the Appliance Menu, select Clear Appls. then select Detect Appls.
Can't manually set an option.	<ul style="list-style-type: none"> • Some options can only be set via the BIN. • CD mode can only be changed in CD menu when the CD player is on. • Radio presets can only be set in Radio menu when Radio is On. • Local time zone and DST on/off can only be set if Time > Time Synch set to Off. • Alarms may only be set manually when Time > Alarm Synch set to Off.
The Home Hub does not download a database.	<p>Open the Appliance Menu. Make sure that DB Synch > On is selected.</p>
Time on appliances does not match Home Hub time.	<ul style="list-style-type: none"> • Check the appliance display to verify that the network icon appears. • On the Home Hub, open the Appliance Info page to see if the appliance is listed (from the default display, press Info until the Appliance Info page appears). <p>If the appliance is not listed on the Appliance Info page: Open the Appliance Menu, select Clear Appls. then select Detect Appls.</p> <ul style="list-style-type: none"> • Open the Appliance menu. Verify that Appl Time > On is selected.
Cannot set an option using the BIN.	<p>Some options can only be set locally. Use the Home Hub's on-screen menus to set the option.</p>
Malfunction due to hardware fault or software error code	<p>Unplug the Home Hub. Wait 30 seconds, plug back in.</p>

12. Limited One Year Warranty

Warranty: This Beyond product is warranted by Salton, Inc. to be free from defects in materials or workmanship for a period of (1) year from the original purchase date. This product warranty covers only the original consumer purchaser of the product.

Warranty Coverage: This warranty is void if the product has been damaged by accident in shipment, unreasonable use, misuse, neglect, improper service, commercial use, repairs by unauthorized personnel, normal wear and tear, improper assembly, installation or maintenance abuse or other causes not arising out of defects in materials or workmanship. This warranty is effective only if the product is purchased and operated in the USA, and does not extend to any units which have been used in violation of written instructions furnished with the product or to units which have been altered or modified or to damage to products or parts thereof which have had the serial number removed, altered, defaced or rendered illegible.

Implied Warranties: ANY IMPLIED WARRANTIES WHICH THE PURCHASER MAY HAVE ARE LIMITED IN DURATION TO ONE (1) YEAR FROM THE DATE OF PURCHASE. Some states do not allow limitations on how long an implied warranty lasts, so the above limitation may not apply to you.

Warranty Performance: During the above one-year warranty period, a product with a defect will be either repaired or replaced with a reconditioned comparable model (at our option) when the product is returned to the Repair Center, or the purchase price refunded. The repaired or replacement product will be in warranty for the balance of the one-year warranty period and an additional one-month period. No charge will be made for such repair or replacement.

Service and Repair: Should the appliance malfunction, you should first call toll-free 1 (800) 947-3744 between the hours of 9:00 am and 5:00 pm Central Standard Time and ask for CONSUMER SERVICE stating that you are a consumer with a problem. Please refer to model number WBYHH03 when you call.

In-Warranty Service (USA): For an appliance covered under the warranty period, no charge is made for service or postage. Call for return authorization (1 800 947-3744).

Out-of-Warranty Service: A flat rate charge by model is made for out-of-warranty service. Include \$25.00 (U.S.) for return shipping and handling. We will notify you by mail of the amount of the charge for service and require you to pay in advance for the repair or replacement.

For Products Purchased in the USA, but Used in Canada: You may return the product insured, packaged with sufficient protection, and postage and insurance prepaid to the USA address listed below. Please note that all customs duty / brokerage fees, if any, must be paid by you and we will require you to pay the cost of customs duty / brokerage fees to us in advance of our performing any service.

Risk During Shipment: We cannot assume responsibility for loss or damage during incoming shipment. For your protection, carefully package the product for shipment and insure it with the carrier. Be sure to enclose the following items with your appliance: any accessories related to your problem, your full return address and daytime phone number, a note describing the problem you experienced, a copy of your sales receipt or other proof of purchase to determine warranty status. C.O.D. shipments cannot be accepted.

To return the appliance, ship to:

Attn: Repair Center
Salton, Inc
708 South Missouri Street
Macon, MO 63552

To contact us, please write to, call, or email:

Salton, Inc.
P.O. Box 6916
Columbia, MO 65205-6916
1(800) 947-3744
Email: Salton@Saltonusa.com

Limitation of Remedies: No representative or person is authorized to assume for Salton, Inc. any other liability in connection with the sale of our products. There shall be no claims for defects or failure of performance or product failure under any theory of tort, contract or commercial law including, but not limited to negligence, gross negligence, strict liability, breach of warranty and breach of contract. Repair, replacement or refund shall be the sole remedy of the purchaser under this warranty, and **in no event shall Salton be liable for any incidental or consequential damages, losses or expenses.** Some states do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation or exclusion may not apply to you.

Legal Rights: This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

For more information on Salton products:
Visit our website: www.eSalton.com

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WBYHH03
Printed in China

13. Contact Information

Coordonnées :

Contacte a:

Toastmaster Inc.
National Service Center
708 South Missouri Street
Macon, Mo 63552
In USA and Canada call:
Consumer Service: 1-800-947-3744
Consumer Parts: 1-800-947-3745
consumer_relations@ toastmaster.com
Hours: 8:00 A.M. - 5:30 P.M. Central Standard Time

Aux USA et au Canada, appeler les numéros suivants:

Service Consommateurs : 1-800-947-3744
Pièces Consommateurs : 1-800-947-3745
consumer_relations@ toastmaster.com
Horaires : De 8h00 à 17h30, heure GMT - 6

En México:

Toastmaster de México, S. A. de C. V.
Cerrada de Recursos
Hidráulicos Número 6
La Loma Industrial
Tlalnepantla de Baz, C. P. 54060
Estado de México
52-5-397-2848
Horario: 8:00 a.m. hasta 5:30 p.m., hora del Centro

CONTACT US/APPELEZ



1-800-947-3744



www.toastmaster.com



consumer_relations@toastmaster.com

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Sous-traitant de Salton, Inc.
A una Subsidiaria de Salton, Inc.

FCC Consumer Information:

- a) This equipment complies with Part 68 of the FCC rules and the requirements adopted by the ACTA. On the bottom of this equipment is a label that contains, among other information, a product identifier in the format **US:AAAEQ##TXXXX**. If requested, this number must be provided to the telephone company.
- b) An applicable certification jacks Universal Service Order Codes (USOC) for the equipment is provided (i.e., **RJ11C**) in the packaging with each piece of approved terminal equipment.
- c) A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.
- d) The REN is used to determine the number of devices that may be connected to a telephone line. Excessive RENs on a telephone line may result in the devices not ringing in response to an incoming call. In most but not all areas, the sum of RENs should not exceed five (5.0). To be certain of the number of devices that may be connected to a line, as determined by the total RENs, contact the local telephone company. [For products approved after July 23, 2001, the REN for this product is part of the product identifier that has the format **US:AAAEQ##TXXXX**. The digits represented by ## are the REN without a decimal point (e.g., 03 is a REN of 0.3). For earlier products, the REN is separately shown on the label.]
- e) If this equipment WBYHH03 causes harm to the telephone network, the telephone company will notify you in advance that temporary discontinuance of service may be required. But if advance notice isn't practical, the telephone company will notify the customer as soon as possible. Also, you will be advised of your right to file a complaint with the FCC if you believe it is necessary.
- f) The telephone company may make changes in its facilities, equipment, operations or procedures that could affect the operation of the equipment. If this happens the telephone company will provide advance notice in order for you to make necessary modifications to maintain uninterrupted service.
- g) Should you experience trouble with this equipment, please contact (**Toastmaster Inc. National Service Center, 708 South Missouri St., Macon, MO 63552, U.S.A.**) for repair or warranty information. If the equipment is causing harm to the telephone network, the telephone company may request that you disconnect the equipment until the problem is resolved.
- h) Please follow instructions for repairing if any (e.g. battery replacement section); otherwise do not alternate or repair any parts of device except specified.
- i) Connection to party line service is subject to state tariffs. Contact the state public utility commission, public service commission or corporation commission for information.
- j) **NOTICE:** If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this [equipment ID] does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company or a qualified installer.

NOTICE: According to telephone company reports, AC electrical surges, typically resulting from lightning strikes, are very destructive to telephone equipment connected to AC power sources. To minimize damage from these types of surges, a surge arrester is recommended.

Automatic Dialers

The consumer instructions for automatic dialers must contain the following cautionary notice:
WHEN PROGRAMMING EMERGENCY NUMBERS AND (OR) MAKING TEST CALLS TO EMERGENCY NUMBERS:

- 1) Remain on the line and briefly explain to the dispatcher the reason for the call.
- 2) Perform such activities in the off-peak hours, such as early morning or late evenings.

