



beyond[™]
appliances



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Introduction

The SANI (Smart Appliance Network Interface) Wireless Network transmits and receives data between your Beyond Connected Appliances.

In order to establish a Connected Appliance Network you must have at least:

One Of These	and	One Of These
iCEBOX FlipScreen Model FS04 or Later		Beyond Microwave Oven WBVMW2
iCEBOX CounterTop Model CT04 or Later		Beyond Breadmaker WBWBM2
Beyond Connected Home Hub WBYHH04		Beyond Coffee Maker WBYCM2

Precautions

The SANI Card is specifically designed for use with Beyond Connected Appliances.

WARNING: Do not attempt to insert or use this device in any computing or electronic equipment other than the iCEBOX certified devices.

WARNING: Use of this card in other devices could damage the card, device, or both.

WARNING: Use of this device in any way other than for its intended use will void the product warranty.

CAUTION: Once you install this card in your appliance and bind to the network, do not take the card out or install it in a different appliance until you follow the unbind procedure.

Pacemakers

Pacemaker manufacturers recommend that a minimum separation of 6 inches (20 cm.) be maintained between an RF Device and a pacemaker to avoid potential interference with the pacemaker. Persons with pacemakers:

should always keep the RF device more than 6 inches (20 cm) from their pacemaker when the RF device is switched on;

if you have any reason to suspect that interference is taking place, switch off your RF device immediately.

Hearing Aids

RF devices may interfere with some hearing aids. In the event of such interference, you may want to consult your service provider.

Installation and Configuration

Follow the procedures described in this chapter to install your SANI Card in your Beyond Connected Appliance.

Use the SANI card, you'll need to plug the card into the SANI Card Slot and follow the procedure for Adding an Appliance to your iCEBOX Home Hub. You don't need to install any new software. The iCEBOX Home Hub, the iCEBOX CounterTop, the Home Hub, and the Beyond Connected Appliances are all factory-ready to use this networking feature.

Install the SANI Card in your Beyond Appliance:

Remove the plastic slot-cap from the SANI Card Slot on the front of the appliance.

Insert the SANI Card in the SANI Card Slot.

Prepare your iCEBOX or Home Hub:

On the back of the iCEBOX or Home Hub, make sure the SANI Antenna is installed.

Add your Appliance to your iCEBOX Appliance Network:

On your iCEBOX, open the My Kitchen Options Menu.

On the My Kitchen Options Menu, select New Appliance.

On the Appliance control panel, press the NETWORK button. The Appliance will enter Binding mode. The word BIND will display and the word "Network" will blink on the Appliance display.

If the Appliance double-beeps and the word Bind disappears, there is a SANI Card problem.

If the word Network was already on the display, the Appliance is already networked. Press and hold the NETWORK button for five seconds to unbind the Appliance, then press the NETWORK button once to enter bind mode again.

When the iCEBOX detects the Appliance, it will prompt you to bind. You must choose OK to bind the Appliance.

What is the Beyond Appliance Home Network?

Beyond Appliances are able to exchange information with other Beyond Appliances in your home. To use the wireless network of your Beyond Appliances, you must have a Home Hub or an iCEBOX, and your appliances must have a SANI Card installed.

The Home Hub and the iCEBOX retrieve new or favorite food cooking programs from the Internet and send them to your Beyond Appliances over the Wireless SANI network.

When using this system, your appliances become smarter the more you use them. By communicating via the SANI network, they get new recipes and learn new barcodes that make them constantly easier and more enjoyable to use.

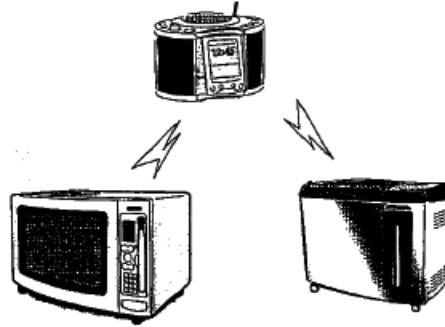


Figure 1-1 Typical Configuration

When you have accepted the Appliance, the Appliance will beep, the word "Network" will remain lit and the Appliance clock will synchronize to the iCEBOX. From then on, the Appliance status will be viewable on your iCEBOX and the Appliance network features will be available.

To add your appliance to your Home Hub Network:

1. On your Home Hub, press MENU to open the Main Menu.
2. When the Main Menu opens, press DOWN or UP until APPLIANCE is highlighted. Press SELECT.
The Appliance Menu will open.
3. Select DETECT APPL from the APPLIANCE Menu.
4. On the Appliance control panel, press the NETWORK button.
The Appliance will enter Binding mode. The word BIND will display and the word "Network" will blink on the Appliance display.
If the Appliance double-beeps and the word Bind disappears, there is a SANI Card problem.

If the word Network was already on the display, the Appliance is already networked. Press and hold the NETWORK button for five seconds to unbind the Appliance, then press the NETWORK button once to enter bind mode again.

When the Home Hub detects the Appliance, it will prompt you to bind. You must press the Select button to bind the Appliance. When you have accepted the Appliance, the Appliance will beep, the word "Network" will remain lit and the Appliance clock will synchronize to the Home Hub. From then on, the Appliance status will be viewable on your Home Hub and the Appliance network features will be available. If you turn off the Appliance or the Home Hub, you do not have to rebind. The network connection will reestablish when the appliances are turned back.

Care and Handling

Keep the card dry; if it gets wet, wipe it dry immediately. Use and store the card only in normal temperature environments. Handle the card carefully; do not drop it. Keep the card away from dust and dirt, and wipe it with a damp cloth occasionally to keep it looking new. Modifying or tampering with the card's internal components will cause a malfunction and will invalidate its warranty and void your FCC authorization to operate it. If your card is not performing right, contact Consumer Service immediately. If the trouble is affecting the telephone lines, the phone company can ask you to disconnect your Beyond Appliance Network until you have resolved the problem.

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Specifications

REVISION:	1.0
DATE:	16. FEB. 2004
SUPPLY VOLTAGE, VDD	5 V
RF FREQUENCY OPERATING RANGE	902 - 927 MHz US, CAN 868 - 890 EU
NUMBER OF CHANNELS AT 915MHZ -	25
POWER SUPPLY	4.5 -5.5 V
TEMPERATURE RANGE	-10 - 70 °C
BITS PER SECOND	57.6 KBPS
DATA BITS	8 BIT
PARITY	NONE
STOP BITS	1 BIT
FLOW CONTROL	HW

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Electronic Emission Notices

This device complies with Part 15 of the FCC/Industry Canada Rules. Operation is subject to the following two conditions:

- This device may not cause harmful interference.
- This device will accept any interference received, including interference that may cause undesired operation.

FCC/Industry Canada Radio Frequency Interference Statement

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/Industry Canada Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial or residential environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications, like the signals generated by radios and televisions and cordless telephones. If the equipment causes interference to radio or television reception, try to correct the interference by using one or more of the following measures:

- Plug the equipment into an outlet that is on a different circuit from the television or radio.
- Change the direction of the television or radio antenna until the interference disappears.
- Move the equipment to one side or the other of the television or radio.
- Move the equipment farther away from the television or radio.

To assure continued compliance, any changes or modifications not expressly approved by manufacturer could void the user's authority to operate the equipment.

R&TTE Compliance Statement

This equipment complies with all the requirements of DIRECTIVE 1999/5/CE OF THE EUROPEAN PARLIAMENT AND THE COUNCIL of March 9, 1999 on radio equipment and telecommunication terminal Equipment and the mutual recognition of their conformity (R&TTE). The R&TTE Directive repeals and replaces in the directive 98/13/EEC (Telecommunications Terminal Equipment and Satellite Earth Station Equipment) As of April 8, 2000.

Safety

This equipment is designed with the utmost care for the safety of those who install and use it. However, special attention must be paid to the dangers of electric shock and static electricity when working with electrical equipment. All guidelines of this document must therefore be followed at all times to ensure the safe use of the equipment.

EU Countries Intended for Use

The ETSI version of this device is intended for home and office use in Austria, Belgium, Denmark, Finland, France, (with frequency channel restrictions) Germany, Greece, Ireland, Italy, Luxembourg, the Netherlands, Portugal, Spain, Sweden, and the United Kingdom.

The ETSI version of this device is also authorized for use in EFTA member states: Iceland, Liechtenstein, Norway, and Switzerland.

The device is made to be plugged into home appliances made by Salton Hong Kong Limited for communication between the appliance and the Home Hub / Counter Top made by the same company. At the moment there are 3 home appliances available: coffee maker, bread maker and microwave oven. The device will only be installed in home appliances made by Salton Hong Kong Limited and it will never be used in equipment from other manufacturers. The version with integral antenna will be plugged into the host in such a way that only the antenna is outside the device. In two or three of the appliances the version with the antenna connector will be mounted inside the appliance and the antenna will be mounted outside and connected with a cable.

Limited Warranty

This product is warranted by Icebox, LLC to be free from defects in material and workmanship for one (1) year from the date of purchase, unless otherwise stated.

During this period if this product is found to be defective in material or workmanship, manufacturer or one of its authorized service facilities will, at its option either repair or replace this product without charge, subject to the following conditions, limitations and exclusions:

This warranty extends to the original consumer purchaser only and is not assignable or transferable nor does it apply if this device is used in connection with any machine other than the iCEBOX.

This warranty shall not apply to any product which has been subjected to misuse, abuse, abnormal use, negligence, alteration or accident, or has had its serial number altered or removed.

This warranty does not apply to any defects or damage directly or indirectly caused by or resulting from the use of unauthorized replacement parts and/or service performed by unauthorized personnel.

This warranty does not apply to the software driver that accompanies this product.

This warranty is made expressly in lieu of all other warranties, expressed or implied, including but not limited to any implied warranty of merchantability of fitness for a particular purpose, and all other obligations on the part of Icebox, LLC provided, however, that if the disclaimer of implied warranties is ineffective under applicable law, the duration of any implied warranties arising by operation of law shall be limited to one (1) year from the date of purchase or such longer period as may be required by applicable law.

Icebox, LLC hereby disclaims any and all liabilities for consequential and incidental damages arising out of or in connection with any breach of this warranty or any other claim with respect to this product, including but not limited to claims of negligence, strict liability in tort or breach of contract.

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 we 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.

Contact Information

Toastermaster Inc.
National Service Center
108 South Missouri Street
Cameron, Mo 63552

In USA and Canada call:

Consumer Service: 1-800-947-3744
Consumer Parts: 1-800-947-3745
consumer_relations@toastermaster.com

In Europe call:

European Customer Service: +3536 170 2058

Or in the UK call:

Customer Service: 0845 300 4310