



onn™



# Universal Remote

## Model: ONB13AV004

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# PRODUCT GUIDE

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Congratulations on your purchase of the ONN Universal Remote. This remote is capable of operating thousands of audio/video devices including TVs, DVD players, cable, satellite receivers, and more!

**IMPORTANT:  
SAVE THIS MANUAL AND CODE LIST FOR  
FUTURE REFERENCE**

## QR Code

Scan the QR code to view our helpful demonstration video for programming your ONN remote.



Scan this to view remote setup video  
Mira a ver el video de instalación remota  
<http://www.myonnremote.com>

## Battery Installation

Your universal remote requires two (2) AAA Alkaline batteries (not included).

### To Install the Batteries:

1. Remove the battery compartment cover by sliding the cover down.
2. Match the (+) and (-) marks on the batteries to the (+) and (-) marks inside the battery compartment, then insert two (2) AAA Alkaline batteries. Be sure to use fresh batteries.
3. Slide the battery compartment cover back into place.

**Note:** *If your remote stops operating properly, replace the batteries with new ones. The remote will retain the codes you have programmed for up to 10 minutes after the batteries are removed.*

### Battery Precautions:

- Do not mix old and new batteries.
- Do not mix alkaline, standard (carbon-zinc), or rechargeable (Ni-Cd, Ni-MH, etc.) batteries.
- Always remove old, weak or worn-out batteries promptly and recycle or dispose of them in accordance with local and national regulations.

### Care and Maintenance

- Keep the remote away from moisture. If it gets wet, dry it immediately.
- Use and store the remote at normal household temperatures.
- Use a soft, damp cloth to clean the remote.
- If the remote is not going to be used for a long period of time, remove the batteries from the remote.
- Handle the remote with care.

# Button Functions

**TV, CBL/SAT, DVD/ VCR, AUX**  
Selects the device to control.

Red Indicator Light when any button is pressed.

**ON•OFF** Turns the device On or Off.

**EXIT** Exits On-Screen Menus.

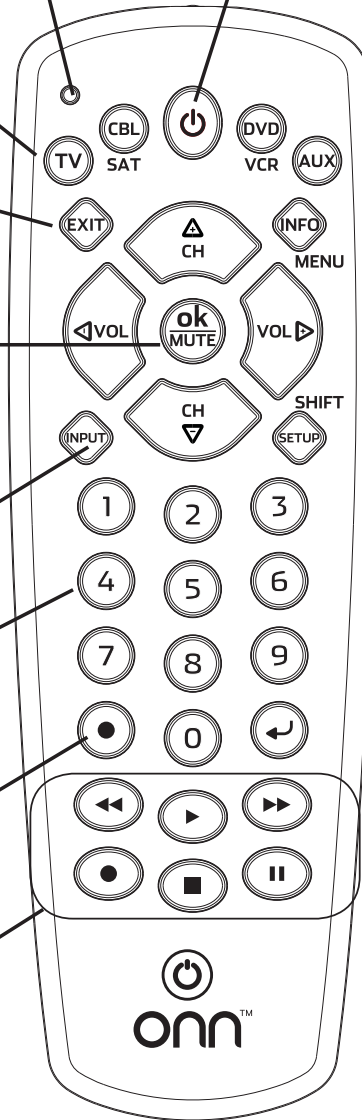
**MUTE** Turns off the TV sound while the picture remains. In **SHIFT** mode **OK** Selects menu items for the device you are controlling.

**INPUT** Selects the video inputs from available viewing sources.

**NUMBERS**  
Enter numbers for direct channel selection.

**DOT:** Used to select digital channels, for example: 4.1, 9.2.

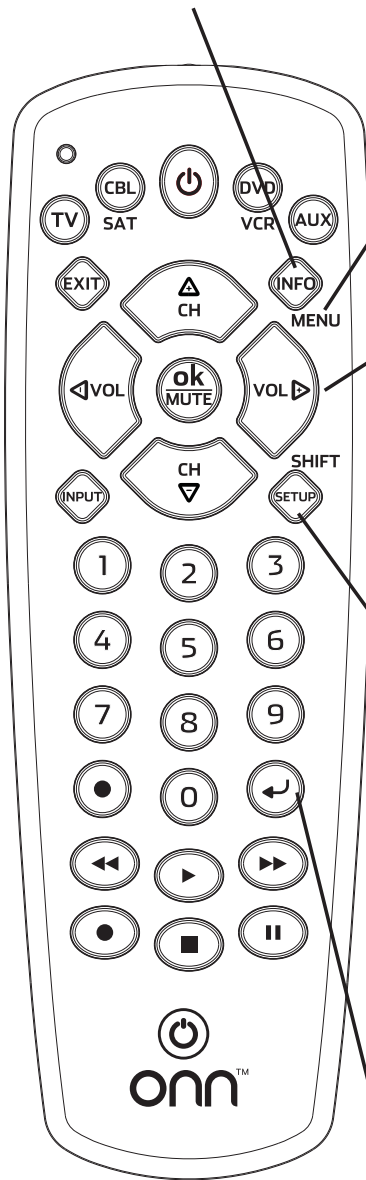
**RECORD, PLAY STOP, REWIND, FAST FORWARD, PAUSE**



## Button Functions, cont.

**INFO** displays/selects on-screen channel information, etc.

**MENU** displays the Menu on the TV and other devices. Use the **SHIFT** button to access this feature.



### **VOLUME UP/DOWN**

Changes the volume level of the device, normally the TV.

### **CHANNEL UP/DOWN**

Changes the channels. In **SHIFT** mode, these buttons navigate on-screen cursors and are used to make selections.

**SETUP** button is used to program the remote.

**SHIFT** is the alternative function of this button.

Use the **SHIFT** button to access the Menu and Navigation functions of your device. To enter the **SHIFT** mode press this button once. To exit the shift mode, press the **SHIFT** button again.

*NOTE: The red indicator light will blink when the remote is in SHIFT mode.*

### **ENTER**

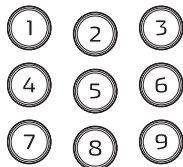
For some TV models, the **ENTER** button is used after a channel number is entered to immediately change to the selected channel.

# Programming Your Remote

Your ONN universal remote control is designed to control up to 4 different audio/video devices such as TV, DVD, VCR, satellite, cable and audio using only one remote. To use this remote, you will need to program it to control the devices of your choice. There are two ways to program the remote - direct code entry or auto code search.

## Direct Code Entry (Recommended)

1. Locate the Remote Code List provided in this manual. Find the **DEVICE CATEGORY** you wish to program (for example **TV, DVD, SAT, AUX**) and then find the **BRAND** of that device. Circle all the codes under that brand. Example: For a GE TV, locate the TV code section then circle all of the GE TV codes.
2. Manually turn on the device you wish to control.
3. Press and hold the **SETUP** button until the red indicator light stays on (approximately 2 seconds) and then release the **SETUP** button.
4. Press and release the desired device button on the remote (**TV, DVD, SAT, AUX**). The red indicator will blink once and then remain on.
5. Enter the first 4-digit code previously found in the code list using the number buttons on the remote. If the code entered is a valid code, the red indicator light will turn off. If the code entered is not a valid code, the red indicator light will flash and remain on allowing you to re-enter the code.



**Note:** *If no buttons are pressed for 35 seconds, the remote will exit the SETUP mode and you will have to*

## Programming Your Remote

*start over.*



6. Point the remote at the device. Press the **POWER** button—if the device turns off, no further programming is required for that device. If the device does not turn off, return to step 3 and use the next code found in the code list. Continue this process until a code for your device is found.

**To view a helpful demonstration video for programming your ONN remote, see QR code on page 2 of this manual.**

### Programming Notes

- If your device does not respond to the remote after trying all codes listed or your brand is not listed in the code list, use the Auto Code Search method to program your remote.
- Sometimes the first code that “works” with your device may operate only a few functions of your device. There may be another code in the code list that performs more functions. Try other codes from the code list for more functionality.
- You can use any device button to control other devices in your home entertainment system. For example, you can use the **AUX** device button to control an audio receiver or a DVD, VCR, satellite, etc.
- For combination devices, you may have to enter a code for each device. For example, for a VCR/DVD device, you may have to enter a code for the DVD under the **DVD** button and enter a code for the VCR using a different device button on the remote.
- Write down the code found to operate your device for future reference.

# Programming Your Remote

## Auto Code Search

The Auto Code Search searches automatically through all of the codes stored in this remote. Read all the following steps prior to starting the auto search as you will need to be prepared to lock-in the proper code when found.



1. Manually turn on the device you wish to control.
2. Press and hold the **SETUP** button until the red indicator light stays on (approximately 4 seconds) and then release the button.
3. Press and release the desired device button on the remote (**TV, DVD, SAT, AUX**). The red indicator will blink once and then remain on.
4. Point the remote at the device and press and release the **POWER** button (for TV) or **PLAY** button (for DVD, VCR, etc.) to start the search. The red indicator will flash (approximately every 2 seconds) as the remote searches. **Note:** *The remote must be pointed at the device for the duration of this search.*
5. Place your finger on the **#1** button so you are prepared to lock-in the code.
6. When the device shuts off or begins playing, press the **#1** button to lock-in the code. The red indicator light will turn off. **Note:** *You have approximately two seconds after the device shuts off or begins playing to lock-in the code.*
7. Point the remote at the device and check to see if the remote operates the device as desired. If it does, no further programming is required for that device. If it does not, return to step 2 and start the auto search.



# Programming Your Remote

To view a helpful demonstration video for programming your ONN remote, see QR code on page 2 of this manual.

## Programming Notes

- This process may take several minutes as the remote contains many codes.
- The **SETUP** button can be used during the search process to reverse the direction of the search of the remote codes. For example, if you miss the code for your device and the remote is continuing to search (as indicated by the blinking red light), press the **SETUP** button and the code search will reverse direction and return to the code.
- When using the Auto Code Search programming method, the device button corresponding to the type of device you want to control must be selected (for example, the **TV** device button must be selected in step 3 if you want to control a TV, the **DVD/VCR** device button for a DVD player, etc.)
- Sometimes the first code that “works” with your device may operate only a few functions of your device. There may be another code in the code list that performs more functions. Continue the code search as directed above until the best code is found.

## Controlling Combo Devices

Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to setup up two different Mode buttons to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the **TV** button to control the TV part AND a separate code (under any other Mode button) to control the DVD part.

# Master Volume Feature

## Master Volume Feature

The Master Volume Feature allows you to select a single device (TV or audio receiver) that the volume control always controls. For example, the remote can be in TV mode while the volume buttons control the volume on your audio receiver instead of your TV.

### Enabling the Master Volume Feature



1. Press and hold the **SETUP** button until the red indicator stays on (approximately 4 seconds) and then release the button.



2. Press and release desired device button (**TV, DVD, SAT, AUX**) for the device you wish to setup to control the volume.



3. Press and release the **MUTE** button.



4. Press and release the **VOL +** button. The red indicator will blink twice and then go off.

To test the feature put the remote in another mode such as the TV mode if you programmed the audio receiver to be the Master Volume Device. Point the remote at the audio receiver, press and hold either the **VOL +** or the **VOL -** button. If the audio receiver volume changes then the remote is programmed correctly. If the TV volume changes and not the audio receiver, you will have to repeat the steps above and test again.



### Disabling the Master Volume Feature

1. Press and hold the **SETUP** button until the red indicator stays on (approximately 4 seconds) and then release the button.

## Master Volume Feature, cont.



2. Press and release the device button (**TV, DVD, SAT, AUX**) which is programmed to control the Master Volume Feature.



3. Press and release the **MUTE** button.



4. Press and release the **VOL - button**. The red indicator light will blink twice and go off.

To make sure the Master Volume Feature is disabled, put the remote in TV mode if you programmed the audio receiver to be the Master Volume Device. Point the remote at the TV and press a volume button. If the volume changes on the TV, the feature is disabled. If the volume on the audio receiver changes, and not the TV, you will have to repeat the steps above and test again.

### Reset to Factory Settings



1. Press and hold the **SETUP** button until the red indicator stays on (approximately 4 seconds) and then release the button.



2. Press and release the **OK** button.



3. Press and release the number **#0** button. The red indicator light will flash twice.

### **Remote does not operate your device.**

- Make sure the batteries are fresh and installed correctly.
- Aim the remote directly at your device, and make sure that there are no obstructions between the remote and device.
- Make sure you select the appropriate device on the remote you wish to control, for example, TV for TV, DVD for DVD, etc.
- Try programming the remote with a different code. See Direct Code Entry section.
- Remote may not be compatible with your device.

### **Remote does not operate some features of your device.**

- Sometimes a particular code might operate a few features but not all. Try programming remote with a different code from the code list. See Direct Code Entry section.
- Remote may not be able to operate all features of your device or button names may be different than that of your original remotes.

### **Remote Code is not available for a combo device (e.g. TV/VCR, TV/DVD)**

- Some Combo devices (e.g. TV/VCR, TV/DVD, DVD/VCR, etc.) will require you to set up two different Mode buttons to control both parts of the Combo device. For example, if you have a TV/DVD Combo, you might need to set up one code under the TV button to control the TV part AND a separate code (under any other Mode button) to control the DVD part.

**BEFORE YOU RETURN THIS PRODUCT TO THE STORE, PLEASE VISIT THE WEBSITE [www.myOnnRemote.com](http://www.myOnnRemote.com) FOR FURTHER ASSISTANCE; Or, contact us at 1-800-654-8483 between 7:30AM—5:00PM CST.**

## FCC Statement

### FCC Statement

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

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

**NOTE:** This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This 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.

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# Code List – Lista de Códigos

## TV

Abex .....	0401, 4021
Acer .....	3291, 4001
Acme .....	0471
ADA .....	0461
ADC .....	1431, 1661
Admiral .....	0371, 0681, 1441, 1661, 4991
Advent .....	3261, 0581
.....	0631, 0871, 2131, 2891, 4931
Adventura .....	0151
Aiko .....	1011, 4321
Aiwa .....	0411
.....	0651, 0931, 1411, 4731, 4801
Akai .....	3215
.....	3111, 0331, 0351, 0781, 1901
.....	4141, 4151, 4461, 5141, 5171
Alleron .....	1711
Amark .....	1441
Ames .....	1275
Amtron .....	2191
AMW .....	0645, 0825
ANABA .....	1375
Anam National .....	0271
.....	1941, 2151, 2191, 2331, 3431
AOC .....	0001, 0011, 0251, 0391
.....	0611, 0891, 1221, 4221, 4261
Apex .....	0045, 0191, 0245
.....	0375, 0425, 0431, 0671, 1025
.....	1105, 1891, 2911, 4841, 5111
Archer .....	1441
Aspect .....	1271
Audiovox .....	2191, 2451, 4031, 4051, 4521
Aurora .....	3061
Axion .....	0881
Bang&Olufsen .....	1591
Belcor .....	0001
Bell&Howell .....	1261, 1421, 1661, 1691, 3421
BenQ .....	1741, 1761, 2221, 3871
Bluesky .....	3511, 3921
Bradford .....	2191
Broksonic .....	0211, 0371, 0851, 1631, 4951
Brokwood .....	0001
Candle .....	0001, 0151, 0961, 1221
Capehart .....	0391, 4221
CCE .....	3721
Celebrity .....	1901
Celera .....	0191
Centrios .....	1361
Centurion .....	1221
Cetomer .....	0001, 1631, 2901, 2961
Cetronic .....	1941
Changhong .....	0191, 1891, 4841
Chimei .....	3071
Cineral .....	3511, 4321
Citizen .....	0001, 0351
.....	0371, 0961, 1011, 1221, 1311
.....	1381, 1661, 1941, 2191, 4321
Clairtone .....	0011
Classic .....	0191, 1891, 1941, 4841
CLP .....	0061
CLP Classic .....	0001, 0041, 0161
COBY .....	3351, 2511, 2521
.....	2531, 2541, 2551, 5091, 5191
Color voice .....	1431
Coloryme .....	0001, 1221, 1431
Concerto .....	0001, 1221
Concierge .....	1771, 1781
Contec .....	0011, 1911, 1941, 2191
Cornea .....	1471
Craig .....	1941, 2191
Crosley .....	1961
Crown .....	1941, 2191
CTX .....	1441
Curtis Mathes .....	5351
.....	5371, 0001, 0261, 0351, 1191
.....	1221, 1261, 1311, 1421, 1551
.....	1661, 1691, 3421, 4011, 4941
CXC .....	1941, 2191
Cybervision .....	3511
Daewoo .....	0001
.....	0221, 0251, 0591, 0721, 0831
.....	0971, 1011, 1081, 1221, 1231
.....	1251, 1431, 1501, 1521, 1551
.....	1561, 1941, 2181, 4321, 4681
Daytron .....	0001, 1221
Dell .....	0981
.....	1401, 2041, 3441, 3601, 3811
Diamond Vision .....	1211
.....	1611, 2001, 4771, 4811
Digimate .....	4301
Digistar .....	0381, 0581, 0871, 1061
.....	2451, 2471, 3811, 3881, 3901
Dimensia .....	1421, 1691, 3421
Dish Network .....	5491
Disney .....	0371, 1101
Distar .....	3231
Dukane .....	1271, 1981
Dumont .....	0001, 1771, 1781
Durabrand .....	0371, 0861
.....	0921, 1381, 2271, 2291, 5121
Dynasty .....	1941
Dynex .....	5311, 3141, 3161, 0371, 2891
Electroband .....	0001, 1901
Electrohome .....	0001, 1221, 1921, 2151, 3431
Elektra .....	1661
Element .....	5361, 5411, 2401, 4111
Elite Video .....	0901
Emerson .....	5341, 2761, 5221, 5231, 0001
.....	0021, 0031, 0041, 0271, 0281
.....	0291, 0371, 0441, 0451, 0691
.....	0701, 0731, 0741, 0851, 0931
.....	1221, 1251, 1261, 1371, 1381
.....	1451, 1461, 1551, 1611, 1631
.....	1681, 1701, 1711, 1931, 1941
.....	2171, 2191, 2361, 3451, 4701
.....	4731, 4751, 4761, 4831, 4911
Envision .....	5401
.....	0001, 0071, 1221, 3751, 4261
ESA .....	1381
Fisher .....	1161, 1261
.....	1531, 1581, 1911, 3481, 5001
Fluid .....	2401, 2421, 2431
Fujitsu .....	0901, 1711, 4241, 4341
Funai .....	0701, 0931, 1381
.....	1711, 1941, 2191, 4731, 4761
Futuretec .....	1941, 2191
Gateway .....	0501
GE .....	0001, 0041, 0051, 0141
.....	0261, 0361, 0791, 0811, 1221
.....	1421, 1691, 1921, 1951, 2111
.....	2151, 3421, 3431, 4011, 4921
Gibraltar .....	0001, 1771, 1781
Gold Star .....	0001, 0251, 0611, 0761, 0931
.....	1181, 1221, 1501, 1911, 4731
GPX .....	4701
Gradiente .....	0001, 2291, 3661, 3951, 3961
Grundy .....	1711, 2191
Guestvision .....	1861
Gvision .....	4871
Haier .....	0671
.....	0861, 0921, 1741, 3831, 4851
Hallmark .....	0001, 1221
Hannspree .....	5451, 5461, 5291
Harvard .....	2191
Hauppauge .....	3791
Hello Kitty .....	5391
HP .....	3491, 4881
Hisense .....	5331, 4671, 0671
.....	2081, 2211, 3671, 4381, 4391
Hitachi .....	3341
.....	0001, 0841, 0931, 1041, 1221
.....	1271, 1341, 1371, 1481, 1661
.....	1721, 1751, 1801, 1911, 1981
.....	2051, 3621, 4121, 4331, 4731
Hyundai .....	4651
ILO .....	3215
.....	1141, 1381, 1971, 2391, 2481
.....	3691, 4231, 5031, 5141, 5171
IMA .....	2191
Infinity .....	1171, 1961, 4791
InFocus .....	3421
Initial .....	2481, 4231, 4821, 5031, 5041
Insignia .....	0371, 0581, 0701, 0871
.....	0921, 1241, 1381, 2241, 2271
.....	2891, 2921, 3761, 3841, 4371
.....	4721, 4761, 5051, 5061, 5181
Integra .....	1841
Inteq .....	1771, 1781
ISymphony .....	3041
Janeil .....	0151

# Code List – Lista de Códigos

JBL.....	1961	.....	2771, 2781, 2791, 5151, 5161
JC Penney.....	0001, 0051, 0251, 0261	Oncommand.....	1861, 3991
.....	0351, 0791, 0811, 0961, 1221	Onking.....	1941
.....	1311, 1421, 1451, 1691, 1911	Onkyo.....	3101
.....	1921, 1951, 3421, 3451, 4011	Onwa.....	1941, 2191
JCB.....	1901	Optimus.....	0201, 0401, 1571
Jensen.....	0001, 1221, 2271	.....	1881, 3551, 4021, 4691, 5201
JVC.....	5281, 0311, 0481, 0771, 0901	Optoma.....	3121, 2441
.....	0941, 1281, 1481, 1801, 1911	Optonica.....	0341, 1441
.....	2381, 2751, 4121, 4201, 5071	Orion.....	0281, 0371, 1771, 1781
Kawasaki.....	4741	Panasonic National.....	5481, 3381, 3401
Kawasho.....	0001, 1221, 1901	.....	0051, 0201, 0951, 1091, 1491
Kaypani.....	0391, 4221	.....	1571, 1651, 1831, 1881, 1961
KEC.....	2191, 1941	.....	2151, 2711, 2801, 3431, 3551
Kenwood.....	0001, 1221	.....	3771, 4691, 4781, 4861, 5201
KLH.....	0191	Philco.....	0001, 0251, 0321, 0961
Kloss Novabeam.....	0151, 1021	.....	1021, 1221, 1671, 1801, 1961
Kogi.....	4871	.....	2151, 2321, 2941, 3431, 3931
Konka.....	5441, 0471, 0521	Philips.....	3031, 3131, 3151
.....	0751, 1241, 1671, 2121, 2191	.....	3171, 3371, 3391, 0181, 0001
.....	2241, 2371, 4621, 4901, 4971	.....	0161, 0321, 0421, 0541, 0661
KTV.....	0011, 1491, 1681, 1941, 2191	.....	0701, 0791, 0911, 0961, 1021
Kurazai.....	1661	.....	1151, 1171, 1381, 1391, 1601
KWorld.....	2931	.....	1741, 1801, 1961, 2151, 2321
Lasonic.....	1211, 1611, 4811	.....	3431, 3541, 3591, 3861, 3911
Legend.....	0581	.....	3971, 3981, 4191, 4761, 4791
LG.....	5501, 5511	Philips Magnavox.....	0181, 0681, 0911, 1171
.....	3001, 3021, 3091, 3221, 3281	.....	1961, 2321, 3591, 4791, 4991
.....	3311, 5271, 0001, 0131, 0251	Pilot.....	0001
.....	0611, 0761, 0931, 1181, 1221	Pioneer.....	0001, 0401, 1221, 1371
.....	1471, 1501, 1911, 3811, 4731	.....	1511, 1841, 1981, 4021, 4661
Liquidvideo.....	0881, 1111	PIVA.....	2411, 5021
Lodgenet.....	1421	Planar.....	4251
.....	1661, 1691, 2091, 3421, 4091	Polaroid.....	0191
Loewe.....	1871, 1961	.....	0581, 1241, 2081, 2271, 2311
Logik.....	1421, 1661, 1691, 3421	.....	2401, 2451, 3741, 4631, 5131
Luce.....	0301	Portland.....	0001
Luxman.....	0001, 1221	.....	0251, 1011, 1081, 1221, 1551
Lxi.....	0001, 0261, 0811	Precision.....	0621
.....	0931, 1221, 1261, 1311, 1421	Price Club.....	0351
.....	1691, 1961, 3421, 4011, 4731	Prima.....	3011
Magnasonic.....	1711	.....	0381, 0581, 0631, 0871, 2451
Magnavox.....	0001	Princeton Graphics.....	1301, 1441
.....	0321, 0681, 0701, 0961, 1021	Prism.....	0051
.....	1171, 1221, 1801, 1961, 2321	Proscan.....	0261, 0811, 1421
.....	4191, 4641, 4761, 4791, 4991	.....	1691, 2061, 2301, 3421, 4011
Majestic.....	1421, 1661, 1691, 3421	Proton.....	0001, 0391, 0641, 1221
Manhattan.....	5381	.....	1911, 2231, 4211, 4221, 4271
Marantz.....	0001, 1221, 1841, 1961	Protron.....	3731, 4301
Maxent.....	3361, 0501	Proview.....	2401, 2421, 2431
Medion.....	1101, 1141, 2351	Pulsar.....	0001, 1771, 1781
Megatron.....	0001, 1221, 1271	Pyle.....	3331
Mei.....	0011	Quasar.....	0051, 0201, 1091
Memorex.....	0001, 0211, 0371, 1161, 1221	.....	1491, 1571, 1831, 1881, 1961
.....	1261, 1421, 1631, 1661, 1691	.....	2151, 3431, 3551, 4691, 5201
.....	1711, 2401, 3421, 4251, 5001	Radio Shack.....	0001, 0141, 0341, 0931
MGA.....	0001, 0251, 1221	.....	1001, 1221, 1261, 1421, 1571
.....	1581, 1711, 1801, 1911, 1921	.....	1691, 1701, 1911, 1941, 2111
Midland.....	0051, 0261	.....	2191, 3421, 3551, 4731, 4921
.....	0811, 1691, 1771, 1781, 4011	RCA.....	0001, 0051, 0091
Mintek.....	4231	.....	0141, 0251, 0261, 0361, 0551
Minutz.....	1951	.....	0811, 0891, 1001, 1131, 1221
Misakai.....	1381	.....	1331, 1371, 1421, 1521, 1691
Mitsubishi.....	3271, 0001, 0251, 1221, 1581	.....	1851, 1921, 2011, 2061, 2111
.....	1711, 1801, 1811, 1921, 2701	.....	2151, 2251, 2301, 2851, 2951
Monivision.....	0491	.....	3421, 3431, 3571, 4011, 4921
Montgomery Ward.....	1421, 1661, 1691, 3421	Realistic.....	0001, 0141
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### (HOME THEATER IN A BOX)

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Model:  
 ONB13AV0047252  
 Manual Version 1  
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