

Remote Control Registration Procedure

For the new Hydra Remote Control (that has three LED back light on Myrio, TV and AUX key), we have introduced a new and simpler Remote control registration method via RF and

- A. Ensure the Hydra is turned on and the remote control antenna is installed.
- B. Press and hold the “Enter” button on the Hydra front panel for approx. 5 seconds. When releasing the “Enter” button, front panel LED blinks red and green alternatively twice then remains red. The Hydra is now in remote registration mode.
- C. On the remote control handset, press and hold the “STB” button on the remote control for approximately 4 to 5 seconds. The “STB” backlight LED will illuminate. The remote control handset is now in registration mode.
- D. Key “0”, “1”, “2” or “3” are used to send the registration event:
 1. Press “1” to send the “Register remote control to Decoder “1” event
 2. Press “2” to send the “Register remote control to Decoder “2” event
 3. Press “3” to send the “Register remote control to Decoder “3” event
 4. Press “0” to set IR mode only. The remote control won’t send any RF signal afterward.

Pressing a key other than “0”, “1”, “2” or “3” will cause the STB LED to extinguish. If a button isn’t pressed within 10 seconds the STB LED will extinguish and the remote control registration will be terminated.

- E. The STB backlight LED on the remote control handset will blink twice to indicate that the registration process was successful. When Hydra receives the remote registration event (i.e., event “0”, “1”, “2”, or “3”), the front panel LED will blink showing the successful registration event. If the Hydra does not receive any remote registration event within 30 seconds, the process will be terminated and the front panel LED turns from RED to GREEN.

Programming device control

- A. Use the remote control’s mode keys (i.e., STB, TV, or AUX) to control a specific device. When pressed, the selected mode key will light, confirming your choice.
- B. Entone universal remote control is preprogrammed at the factory to operate Entone set-top-box. The default TV device is brand “APEX” while the default AUX device is brand “JVC” VCR. To control devices other than default brands (excluding Entone box), perform the following steps:
- C. Turn on a device (e.g., VCR or DVD player) and with media inserted (if applicable).
- D. On the remote control, press a device key once (i.e., AUX or TV).
 1. Note: Use the AUX key to program control of VCR, DVD player, cable box, satellite set-top-box and audio device.
- E. Press and hold the “Setup” key until the selected mode key blinks twice, then release “Setup”
- F. Locate the code for the desired device in the code set table (brands are listed in alphabetical order).
- G. Enter the first four-digit code for you device. If you perform this procedure correctly, the selected mode key will blink twice.

Note: If you enter an invalid code, the selected device key will fast blink 7 times. Device program mode will be terminated.
- H. Aim the remote control at your device and press the “Power” once. The device should be turn off. If it does not respond, repeat the above steps.

Searching for Your Code

- A. If your home entertainment device does not respond to the remote control after trying all codes listed for you brand, or if your brand is not listed at all, try searching for your code.
- B. For example, after trying all of the code for your TV, you still cannot get the remote control to operate your TV, then:
- C. Turn on your TV
- D. On the remote control, press TV once. Then press and hold SETUP until the TV key blinks twice, then release SETUP
- E. Press the POWER key once
- F. Aim the remote control at the TV
- G. Press either the “CHANNEL UP” key or “CHANNEL DOWN” key to do device auto-scan:
 - 1. Press the “CHANNEL UP” key to start searching upward at an approx. 5 seconds interval for each code set. The TV key will be on and blink every 5 seconds while in the device scan mode.
Note: In this search mode, the remote control will send IR codes from the library starting from the lowest code set number to the end of code set for that device; **OR**
 - 2. Press the “CHANNEL DOWN” key to start searching downward at an approx. 5 seconds interval for each code set. The TV key will be on and blink every 5 seconds while in the device scan mode.
Note: In this mode, the remote control will send IR codes from the highest code set number to the beginning of code set of that kind of device
- H. If the TV turns off, a working code has been found. Press OK once to lock in the code. The selected mode key will blink twice
- I. To search for the codes of other devices, repeat the above but substitute the AUX key for the auxiliary device you are searching for.
- J. If all code sets of that device is exhausted in the search and the OK is not pressed, the selected device key will fast blink 7 times and the search mode will be terminated.

AUDIO

Amplifier

| | |
|---------|------------|
| Kenwood | 5048 |
| Pioneer | 5041 |
| RCA | 5069 |
| Yamaha | 5001, 5053 |

Audio Cassette

| | |
|---------------|------------------|
| Aiwa | 5039 |
| Curtis Mathes | 5041 |
| Denon | 5052 |
| Fisher | 5042, 5049 |
| GE | 5070 |
| Kenwood | 5048, 5056 |
| NAD | 5040 |
| Nakamichi | 5054 |
| Onkyo | 5055 |
| Optimus | 5041, 5047 |
| Panasonic | 5015, 5050 |
| Philips | 5013 |
| Pioneer | 5018, 5041, 5045 |
| Proscan | 5070 |
| Quasar | 5050 |
| Radio Shack | 5047 |
| RCA | 5070 |
| Sansui | 5057 |
| Sanyo | 5044 |
| Sherwood | 5047 |
| Sony | 5043 |
| Technics | 5050 |
| Yamaha | 5053 |

Audio System

| | |
|--------------------|------------------------------|
| Aiwa | 5039 |
| Carver | 5051 |
| Curtis Mathes | 5041 |
| Denon | 5052 |
| Harman Kardon | 5046 |
| Kenwood | 5048, 5056 |
| Nakamichi | 5054 |
| Panasonic | 5015, 5016 |
| Philips | 5013, 5014 |
| Pioneer | 5018, 5041 |
| RCA & Dimensia | 5031, 5032, 5033, 5034, 5035 |
| Sansui | 5057 |
| Sanyo | 5044 |
| Scientific Atlanta | 5067 |
| Sony | 5043 |
| Technics | 5050 |
| Yamaha | 5053 |

Digital Audio Tape

| | |
|------|------|
| Sony | 5043 |
|------|------|

Home Theater

| | |
|---------|------|
| BOSE | 5010 |
| Philips | 5022 |

Phono

| | |
|---------|------|
| Kenwood | 5048 |
| Pioneer | 5041 |
| Sony | 5043 |
| Yamaha | 5053 |

Receiver/Amplifier

| | |
|--------|------|
| Yamaha | 5001 |
|--------|------|

Receiver/Tuner

| | |
|---------------|------------------------------|
| Aiwa | 5017, 5036, 5039 |
| BOSE | 5010 |
| Cambridge | 5011, 5028 |
| Carver | 5051 |
| Curtis Mathes | 5041 |
| Denon | 5006, 5026, 5027, 5052 |
| Fisher | 5042, 5044, 5049 |
| Gradiente | 5062 |
| Harman Kardon | 5008, 5038, 5046 |
| Hitachi | 5059 |
| Ibiza | 5006, 5037 |
| JBL | 5038 |
| Jensen | 5061 |
| JVC | 5007, 5030 |
| Kenwood | 5005, 5028, 5048, 5056 |
| Luxman | 5064 |
| McIntosh | 5058 |
| NAD | 5040 |
| Nakamichi | 5054 |
| NEC | 5040 |
| Nikko | 5063 |
| Onkyo | 5055 |
| Optimus | 5041, 5047 |
| Panasonic | 5009, 5012, 5016, 5029, 5050 |
| Philips | 5014 |
| Pioneer | 5004, 5023, 5041, 5045 |
| Quasar | 5050 |
| Radio Shack | 5047 |
| RCA | 5071, 5072 |
| Sansui | 5057 |
| Sanyo | 5042, 5044 |
| Sharp | 5060 |
| Sherwood | 5047 |
| Sony | 5024, 5043 |
| Technics | 5002, 5020, 5050 |
| Yamaha | 5048, 5053 |
| Zenith | 5065 |

Tuner

| | |
|---------|------|
| Philips | 5022 |
|---------|------|

TV/VCR/Tuner Combo

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|-----------|------|
| Panasonic | 5012 |
|-----------|------|

CABLE

CATV

| | |
|---------------------|--|
| ABC | 4000, 4001, 4002, 4030 |
| Archer | 4007 |
| Cableview | 4003 |
| Contec | 4034 |
| Eastern | 4035 |
| GE | 4000 |
| Gemini | 4012, 4013 |
| General Instruments | 4000, 4032 |
| Hamlin | 4036, 4037, 4038, 4040, 4044 |
| Hitachi | 4000 |
| Jerrold | 4000, 4012, 4015, 4016, 4026, 4030, 4032 |
| Motorola | 4031 |
| Movie Time | 4039 |
| NEC | 4033 |
| NSC | 4039 |
| Oak | 4034, 4041 |
| Panasonic | 4027, 4029 |
| Philips | 4009, 4010, 4011, 4013, 4018, 4019, 4020 |
| Pioneer | 4021, 4022 |
| Proscan | 4000 |
| RCA | 4003, 4029, 4032 |
| Samsung | 4022 |
| Scientific Atlanta | 4002, 4023, 4024, 4025 |
| Signature | 4000 |
| Sprucer | 4029 |
| Standard Component | 4042, 4043 |
| Starcom | 4012, 4030 |
| Stargate | 4012 |
| Tocom | 4001, 4015 |
| United Cable | 4030 |
| Universal | 4004, 4007 |
| View Star | 4034, 4039 |
| Zenith | 4028 |

DVD

DVD

| | |
|------------|--|
| Aiwa | 2073 |
| Apex | 2000, 2001, 2003, 2004, 2016, 2028, 2029, 2030 |
| Audiovox | 2074 |
| Blaupunkt | 2078 |
| BOSE | 2062, 2071 |
| Broksonic | 2045 |
| Cherry | 2004, 2025, 2033 |
| Clarion | 2046 |
| Classic | 2047 |
| Daewoo | 2079, 2080 |
| Denon | 2075, 2095, 2096 |
| Emerson | 2048, 2049 |
| Fisher | 2050, 2076 |
| Funai | 2049, 2064 |
| GE | 2005, 2051, 2102 |
| Go Video | 2068, 2070 |
| GPX | 2052 |
| Great Wall | 2042, 2101 |
| Hitachi | 2065, 2067 |

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|------------|------------------------------------|
| Irradio | 2092 |
| JVC | 2007, 2010, 2011, 2012, 2013 |
| Kenwood | 2097, 2100 |
| Koss | 2093 |
| Magnavox | 2020, 2035 |
| Marantz | 2085 |
| Memorex | 2087 |
| Mintek | 2053 |
| Mitsubishi | 2088, 2089, 2090, 2091 |
| NAD | 2048, 2081 |
| Nakamichi | 2054 |
| Norcent | 2055, 2056 |
| Onkyo | 2082, 2086 |
| Oritron | 2057 |
| Panasonic | 2008, 2036, 2037 |
| Philips | 2002, 2009, 2021, 2022, 2023, 2043 |
| Pioneer | 2027 |
| Proscan | 2005, 2099 |
| Qwestar | 2057 |
| RCA | 2005, 2024, 2038 |
| Sampo | 2058 |
| Samsung | 2006, 2017, 2033, 2041 |
| Sansui | 2060 |
| Sanyo | 2059, 2063 |
| Sharp | 2014, 2031 |
| Sherwood | 2061 |
| Sony | 2015, 2018, 2034, 2039 |
| Sylvania | 2049, 2072, 2077 |
| Techwood | 2083 |
| Toshiba | 2019, 2026, 2040, 2042 |
| Yamaha | 2084, 2098 |
| Zenith | 2069, 2094 |

Home Theatre

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|---------|------|
| BOSE | 2071 |
| Philips | 2086 |

DVD/VCR Combo

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|----------|------------|
| Go Video | 2068, 2070 |
| Hitachi | 2067 |
| JVC | 2010 |
| Samsung | 2017 |
| Sanyo | 2063 |
| Zenith | 2069 |

TV/DVD Combo

| | |
|-----------|------|
| Aiwa | 2044 |
| Apex | 2016 |
| Broksonic | 2045 |
| JVC | 2011 |
| Sansui | 2060 |
| Toshiba | 2042 |

TV/DVD/VCR Combo

| | |
|----------|------|
| Samsung | 2041 |
| Sylvania | 2072 |
| Toshiba | 2040 |

Satellite

Satellite

| | |
|---------------------|------------------------|
| Alphastar | 3028 |
| BSB | 3003, 3005, 3013 |
| Chaparral | 3024 |
| DirectTV | 3001 |
| Drake | 3027 |
| Echostar | 3026 |
| Express Vu | 3030 |
| Fujitsu | 3022 |
| GE | 3004, 3032, 3033, 3046 |
| General Instruments | 3018, 3019 |
| Hitachi | 3023, 3045 |
| Hughes | 3023, 3043, 3047 |
| Janeil | 3022 |
| JVC | 3015 |
| Mitsubishi | 3002 |
| Panasonic | 3005, 3011, 3036 |
| Philips | 3000 |
| Proscan | 3032, 3033, 3038, 3044 |
| Radio Shack | 3018, 3019 |
| RCA | 3032, 3033, 3037, 3039 |
| Realistic | 3014 |
| Samsung | 3006, 3028 |
| Sony | 3007, 3040, 3042 |
| Star Choice | 3031 |
| Star Trak | 3021 |
| STS | 3020 |
| SuperDish | 3023, 3025 |
| Toshiba | 3008, 3029 |
| Uniden | 3016, 3017, 3041 |
| Zenith | 3009, 3022 |

Satellite Receiver/Recorder

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|---------|------|
| Philips | 3012 |
| RCA | 3010 |
| Sony | 3035 |
| Zenith | 3013 |

TV

Televisions

| | |
|---------------|--|
| A Mark | 0134 |
| Action | 0108 |
| Admiral | 0071, 0093, 0099, 0118, 0127, 0130, 0131 |
| Advent | 0147 |
| Aiko | 0079 |
| Aiwa | 0047 |
| Akai | 0104, 0105, 0123 |
| Amtron | 0082 |
| Anam | 0106 |
| Anam National | 0072, 0082, 0110 |
| AOC | 0073, 0074, 0075, 0104, 0112, 0117, 0134, 0140 |
| Apex | 0000, 0001, 0015, 0016 |
| Audiovox | 0082, 0108, 0140, 0144 |
| Bell & Howell | 0071, 0084, 0118, 0131 |
| Benq | 0051 |
| Broksonic | 0037, 0038, 0104, 0106, 0118, 0138, 0146 |
| Carver | 0153 |

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|---------------|--|
| CCE | 0118 |
| Centurion | 0077 |
| Citek | 0143 |
| Citizen | 0073, 0075, 0079, 0082, 0089, 0092, 0138 |
| Classic | 0104, 0123 |
| Colortyme | 0073, 0075, 0105, 0116, 0118, 0125, 0127, 0139 |
| Contec Cony | 0106, 0108 |
| Contec/Cony | 0078, 0082 |
| Craig | 0082, 0106, 0108, 0114, 0119, 0125, 0138 |
| Crosley | 0118, 0153 |
| Crown | 0082, 0087, 0119, 0134 |
| CTX | 0056 |
| Curtis | 0104 |
| Curtis Mathes | 0070, 0073, 0075, 0084, 0089, 0092, 0102, 0105, 0112, 0117, 0118, 0125, 0127, 0134, 0135, 0148, 0153, 0155 |
| Daewoo | 0073, 0074, 0075, 0079, 0092, 0104, 0110, 0112, 0117, 0134, 0135, 0140, 0144 |
| Dalian | 006, 014, 016, 136 |
| Daytron | 0073, 0075, 0092, 0114, 0117, 0134, 0140 |
| Denon | 0145 |
| Dimensia | 0070, 0155 |
| Dumont | 0073, 0091 |
| Electrohome | 0072, 0073, 0075, 0080, 0104, 0105, 0117, 0134 |
| Emerson | 0073, 0075, 0078, 0081, 0082, 0083, 0084, 0092, 0096, 0103, 0104, 0105, 0106, 0108, 0114, 0117, 0119, 0125, 0129, 0130, 0131, 0134, 0139, 0144, 0146 |
| Envision | 0073, 0075, 0105, 0112 |
| Fisher | 0052, 0084, 0115, 023, 0124, 0133 |
| Fujitsu | 0083 |
| Funai | 0082, 0083, 0106, 0108 |
| GE | 0009, 0066, 0067, 0070, 0072, 0073, 0075, 0085, 0086, 0104, 0106, 0110, 0113, 0116, 0117, 0125, 0126, 0127, 0128, 0134, 0144, 0149, 0154, 0155 |
| Goldstar | 0073, 0074, 0075, 0078, 0080, 0092, 0104, 0105, 0109, 0112, 0117, 0134, 0135, 0137 |
| Gradiente | 0105, 0122, 0123 |
| Granada | 0134 |
| Grundig | 0126, 0134 |
| Hallmark | 0073, 0075, 0104 |
| Hamman Kardon | 0104 |
| Hisense | 0151 |
| Hitachi | 0041, 0042, 0058, 0059, 0068, 0073, 0075, 0078, 0101, 0117, 0126, 0127, 0131, 0134, 0140, 0145 |
| Infinity | 0087, 0153 |
| Janeil | 0094 |
| JBL | 0087, 0153 |
| JC Penney | 0070, 0073, 0074, 0075, 0085, 0086, 0089, 0092, 0104, 0112, 0113, 0125, 0126, 0127, 0134, 0149, 0155 |
| Jensen | 0073, 0075, 0105, 0129 |
| JVC | 0007, 0010, 0012, 0031, 0036, 0078, 0086, 0103, 0122, 0125, 0126 |
| Kawasho | 0073, 0075, 0112, 0123 |
| Kenwood | 0073, 0075, 0080, 0104, 0105, 0112, 0116, 0139 |

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|-----------------------|--|
| Kloss Novabeam | 0082, 0094, 0110 |
| KTV | 0082, 0092, 0106, 0108, 0112, 0117, 0134 |
| LG | 0074 |
| Lloyds | 0137, 0139 |
| Loewe | 0087 |
| Logik | 0071, 0142 |
| Luxman | 0073, 0075 |
| LXI | 0070, 0075, 0084, 0087, 0104, 0118, 0127, 0149, 0153, 0155 |
| Magnasonic | 0104, 0105, 0131, 0140 |
| Magnavox | 0017, 0073, 0075, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0126, 0131, 0153 |
| Majestic | 0071 |
| Marantz | 0073, 0075, 0087, 0105, 0112, 0116, 0117, 0118, 0153 |
| Megatron | 0075 |
| Memorex | 0071, 0074, 0075, 0084, 0104 |
| MGA | 0073, 0074, 0075, 0080, 0105 |
| Mitsubishi | 0049, 0073, 0074, 0075, 0080, 0104, 0105, 0112, 0117, 0134 |
| Montgomery Ward | 0071 |
| Motorola | 0072, 0093 |
| MTC | 0073, 0074, 0075, 0089, 0104, 0112, 0118, 0125, 0140 |
| Multitech | 0082 |
| Multivision | 0088 |
| NAD | 0075, 0101 |
| NEC | 0072, 0073, 0074, 0075, 0105, 0112, 0116, 0117, 0139 |
| Nikko | 0075, 0079, 0140 |
| Noblex | 0137 |
| Onwa | 0082, 0106 |
| Optimus | 0101 |
| Optonica | 0093 |
| Orion | 0096, 0130, 0146 |
| Panasonic | 0003, 0011, 0023, 0032, 0033, 0034, 0072, 0086, 0087, 0108, 0110, 0113, 0126, 0127, 0128, 0140 |
| Philco | 0072, 0073, 0074, 0075, 0078, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0131, 0140, 0145, 0153 |
| Philips | 0004, 0005, 0029, 0030, 0072, 0073, 0078, 0080, 0087, 0118, 0153 |
| Pioneer | 0045, 0073, 0075, 0101, 0110, 0111, 0116, 0117 |
| Portland | 0073, 0074, 0075, 0079, 0092, 0104, 0112, 0117, 0134, 0135 |
| Price Club | 0089 |
| Prima | 0135, 0142, 0152 |
| Prism | 0086 |
| Proscan | 0070, 0127, 0149, 0154, 0155 |
| Proton | 0073, 0075, 0078, 0104, 0105, 0117, 0119, 0127, 0134, 0138 |
| Quasar | 0053, 0063, 0064, 0072, 0086, 0110, 0114, 0126, 0128 |
| Radio Shack | 0084, 0106, 0108, 0110, 0118, 0120, 0124, 0127, 0132, 0134, 0155 |
| Radio Shack/Realistic | 0070, 0073, 0075, 0078, 0082, 0084, 0092 |
| RCA | 0008, 0060, 0065, 0070, 0072, 0073, 0074, 0075, 0080, 0102, 0106, 0110, 0111, 0113, 0116, 0117, 0125, 0127, 0128, 0134, 0148, 0149, 0154, 0155 |
| Realistic | 0084, 0155 |

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| Runco | 0091 |
| Sampo | 0039, 0073, 0075, 0092, 0110, 0112, 0117 |
| Samsung | 0043, 0048, 0054, 0057, 0062, 0073, 0074, 0075, 0078, 0080, 0089, 0092, 0097, 0104, 0112, 0117, 0118, 0125, 0131, 0134, 0139 |
| Sansui | 0022, 0096, 0120 |
| Sanyo | 0073, 0084, 0015, 0124 |
| Sasho | 0020, 0036 |
| Scott | 0073, 0075, 0078, 0082, 0083, 0106, 0108, 0117, 0130, 0134 |
| Sears | 0070, 0073, 0075, 0080, 0083, 0084, 0095, 0104, 0106, 0115, 0118, 0124, 0127, 0133, 0134, 0149, 0153, 0155 |
| Sharp | 0013, 0028, 0035, 0073, 0075, 0078, 0092, 0093, 0120, 0131, 0132, 0134, 0139, 0141 |
| Signature | 0071 |
| Signature 2000 | 0115, 0132 |
| Sony | 0002, 0018, 0026, 0098, 0100, 0121, 0123, 0134 |
| Soundesign | 0073, 0075, 0082, 0083, 0104, 0106, 0117, 0119, 0129 |
| Starlite | 0082 |
| Supre-Macy | 0094 |
| Sylvania | 0044, 0046, 0069, 0073, 0075, 0080, 0087, 0104, 0105, 0112, 0114, 0117, 0118, 0119, 0140, 0153 |
| Symphonic | 0081, 0082, 0095, 0108 |
| Tandy | 0093, 0118 |
| Tatung | 0072, 0110, 0138 |
| Technics | 0086, 0126, 0128 |
| Techwood | 0073, 0075, 0086, 0105, 0118 |
| Teknika | 0071, 0073, 0074, 0075, 0078, 0079, 0082, 0083, 0089, 0092, 0106, 0108, 0112, 0116, 0117, 0119, 0134, 0137, 0140, 0143, 0153 |
| Telecaption | 0090 |
| Telefunken | 0139 |
| Toshiba | 0006, 0019, 0021, 0024, 0025, 0027, 0084, 0089, 0090, 0115, 0125, 0133, 0150 |
| Totevision | 0092, 0127 |
| Ultra | 0140 |
| Uniden | 0121 |
| Universal | 0085 |
| Video Concepts | 0106 |
| Vidikron | 0118, 0153 |
| Vistek | 0040, 0048 |
| Wallmart | 0055, 0051, 0107 |
| Wards | 0070, 0071, 0073, 0074, 0075, 0080, 0081, 0083, 0085, 0087, 0104, 0112, 0113, 0117, 0118, 0119, 0120, 0125, 0127, 0131, 0153, 0155 |
| White Westinghouse | 0104, 0112, 0134, 0135, 0140, 0144 |
| Yamaha | 0073, 0074, 0075, 0080, 0112, 0119, 0139, 0140 |
| Zenith | 0055, 0061, 0071, 0073, 0091, 0109, 0121, 0140 |

PVR

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|--------|------|
| RePlay | 0156 |
|--------|------|

TV/DVD Combo

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|-----------|------|
| Aiwa | 0047 |
| Apex | 0015 |
| Broksonic | 0037 |
| JVC | 0010 |
| Sansui | 0022 |
| Toshiba | 0027 |

TV/VCR Combo

| | |
|-----------|------------|
| Broksonic | 0038 |
| GE | 0067 |
| Hitachi | 0058, 0059 |
| JVC | 0031 |
| Panasonic | 0011, 0034 |
| Philips | 0029, 0030 |
| Quasar | 0063, 0064 |
| RCA | 0060, 0065 |
| Samsung | 0043, 0057 |
| Sharp | 0028, 0035 |
| Sony | 0026 |
| Sylvania | 0044 |
| Toshiba | 0024 |
| Zenith | 0061 |

TV/DVD/VCR Combo

| | |
|----------|------|
| Samsung | 0062 |
| Sylvania | 0046 |
| Toshiba | 0025 |

VCR

VCR

| | |
|---------------|--|
| Admiral | 1073, 1074, 1101 |
| Aiko | 1056 |
| Aiwa | 1055 |
| Akai | 1044, 1045, 1068, 1069, 1080, 1093 |
| Audiovox | 1051 |
| Bell & Howell | 1048 |
| Broksonic | 1023, 1049 |
| Calix | 1051 |
| Canon | 1053, 1054 |
| Capehart | 1067, 1083 |
| Carver | 1060, 1110 |
| CCE | 1056, 1059 |
| Challenger | 1001, 1023 |
| Citizen | 1050, 1051, 1052, 1056, 1095 |
| Colortyme | 1046, 1096 |
| Craig | 1050, 1051, 1059, 1085, 1090, 1105 |
| Curtis Mathes | 1043, 1046, 1050, 1053, 1054, 1077, 1079, 1112 |
| Daewoo | 1014, 1052, 1055, 1056, 1067, 1083, 1102 |
| Daytron | 1067, 1083, 1102 |
| Denon | 1088 |
| Dimensia | 1043, 1112 |
| Dixon | 1013, 1021, 1036, 1103 |
| Electrohome | 1051, 1090 |
| Emerson | 1044, 1049, 1051, 1052, 1053, 1055, 1061, 1069, 1087, 1090, 1106 |
| Fisher | 1048, 1089, 1105 |

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|-----------------|--|
| Fuji | 1045, 1053 |
| Funai | 1055, 1095 |
| Garrard | 1055 |
| GE | 1040, 1043, 1050, 1053, 1054, 1070, 1079, 1112 |
| Go Video | 1021, 1024, 1026, 1028, 1079, 1081, 1085, 1086 |
| Goldstar | 1046, 1051, 1079, 1090, 1092 |
| Gradiente | 1055, 1090 |
| Hamman Kardon | 1046, 1110 |
| Harwood | 1059 |
| Hitachi | 1025, 1036, 1037, 1057, 1058, 1065, 1068, 1070, 1088 |
| JBL | 1098 |
| JC Penney | 1046, 1047, 1048, 1049, 1050, 1051, 1053, 1054, 1057, 1058, 1059, 1060, 1065, 1079, 1085, 1088, 1090 |
| Jensen | 1057, 1058, 1068 |
| JVC | 1000, 1019, 1046, 1047, 1048, 1068, 1071, 1087, 1088 |
| Kenwood | 1046, 1047, 1048, 1068, 1071, 1077 |
| KLH | 1059 |
| Kodak | 1051, 1053 |
| LG | 1051 |
| Lloyds | 1077, 1095, 1105 |
| Logik | 1059, 1085 |
| LXI | 1051 |
| Magnasonic | 1085, 1090, 1102 |
| Magnavox | 1008, 1053, 1054, 1060, 1064, 1085, 1110 |
| Marantz | 1046, 1047, 1048, 1053, 1060, 1077, 1092, 1110 |
| Matsushita | 1053 |
| Memorex | 1033, 1048, 1050, 1051, 1053, 1055, 1064, 1073, 1074, 1088, 1090, 1091, 1097, 1105 |
| MGA | 1061, 1069 |
| MGN | 1079 |
| Minolta | 1057, 1058, 1065, 1088 |
| Mitsubishi | 1003, 1005, 1006, 1057, 1058, 1061, 1069, 1071, 1090 |
| Montgomery Ward | 1073, 1074 |
| Motorola | 1053, 1073, 1074 |
| MTC | 1050, 1085 |
| Multitech | 1050, 1055, 1059 |
| NEC | 1046, 1047, 1048, 1068, 1071, 1077, 1092 |
| Nikko | 1051 |
| Noblex | 1050 |
| Olympus | 1053 |
| Optimus | 1051, 1073, 1074, 1090, 1094 |
| Optonica | 1062 |
| Orion | 1087, 1090, 1106 |
| Panasonic | 1002, 1004, 1009, 1020, 1053, 1054, 1066, 1085, 1105 |
| Pentax | 1057, 1058, 1065, 1070, 1077, 1088 |
| Philco | 1053, 1054, 1060, 1088, 1106 |
| Philips | 1017, 1018, 1053, 1060, 1062, 1110 |
| Pioneer | 1047, 1057, 1071, 1075, 1078, 1104 |
| Portland | 1067, 1083 |
| Proscan | 1043, 1112 |
| Proton | 1085 |
| Quasar | 1053, 1054 |
| Radio Shack | 1051, 1062, 1074, 1090 |
| Radio | 1048, 1050, 1051, 1053, 1054, |

| | |
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| Shack/Realistic | 1055, 1062, 1073 |
| Radix | 1051 |
| RCA | 1012, 1016, 1043, 1044, 1050, 1053, 1057, 1058, 1065, 1070, 1078, 1079, 1088, 1107, 1108, 1112 |
| Realistic | 1048, 1050, 1051, 1052, 1053, 1054, 1055, 1062, 1073, 1074, 1079, 1090, 1094, 1097, 1105 |
| Ricoh | 1072, 1076 |
| Runco | 1064 |
| Samsung | 1029, 1031, 1035, 1039, 1050, 1052, 1079, 1095 |
| Sansui | 1047, 1068, 1071, 1085 |
| Sanyo | 1022, 1048, 1050, 1089, 1097, 1105 |
| Scott | 1049, 1052, 1061, 1090 |
| Sears | 1048, 1051, 1053, 1057, 1058, 1065, 1077, 1088, 1089, 1090, 1097, 1105 |
| Sharp | 1015, 1062, 1073, 1074, 1091, 1094, 1101 |
| Shintom | 1045, 1058, 1059, 1085 |
| Signature | 1073, 1074 |
| Signature 2000 | 1097, 1101 |
| Singer | 1053, 1059, 1072, 1076, 1085 |
| Sony | 1007, 1045, 1063, 1080, 1082, 084, 1098, 1099 |
| STS | 1053, 1065 |
| Sylvania | 1030, 1032, 1053, 1054, 1055, 1060, 1061, 1110 |
| Symphonic | 1055, 1077, 1095, 1105 |
| Tandy | 1048 |
| Tashiko | 1051 |
| Tatung | 1068 |
| Teac | 1055, 1068, 1107 |
| Technics | 1053, 1066 |
| Teknika | 1051, 1053, 1055, 1090 |
| Toshiba | 1010, 1011, 1052, 1057, 1061, 1069, 1100, 1102, 1105, 1109 |
| Totevision | 1050, 1051, 1090 |
| Unitec | 1095 |
| Unitech | 1050 |
| Vector Research | 1046, 1047, 1052, 1077 |
| Video Concepts | 1046, 1047, 1052, 1069, 1077 |
| Wards | 1050, 1051, 1052, 1053, 1055, 1057, 1058, 1059, 1062, 1065, 1073, 1074, 1079, 1090, 1091, 1094, 1105, 1108, 1110 |
| White Westinghouse | 1095 |
| XR-1000 | 1053, 1055, 1059 |
| Yamaha | 1046, 1047, 1048, 1068, 1077 |
| Zenith | 1027, 1038, 1045, 1064, 1072, 1076, 1093 |

TV/VCR Combo

| | |
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| Action | 1102 |
| Broksonic | 1023, 1106 |
| Daewoo | 1014 |
| Emerson | 1106 |
| GE | 1040, 1081, 1087 |
| Goldstar | 1090 |
| Hitachi | 1036, 1037 |
| JVC | 1019 |
| Panasonic | 1002, 1020, 1090 |
| Philips | 1018 |

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| Precision | 1102 |
| Quasar | 1090 |
| RCA | 1012, 1016 |
| Realistic | 1105 |
| Samsung | 1029, 1035 |
| Sharp | 1015 |
| Sony | 1007 |
| Sylvania | 1030 |
| Toshiba | 1010 |
| Zenith | 1038, 1090 |

DVD/VCR Combo

| | |
|----------|------------|
| Go Video | 1026, 1028 |
| Hitachi | 1025 |
| JVC | 1000 |
| Samsung | 1031 |
| Sanyo | 1022 |
| Zenith | 1027 |

TV/DVD/VCR Combo

| | |
|----------|------|
| Samsung | 1039 |
| Sylvania | 1032 |
| Toshiba | 1011 |

DVR

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|---------|------|
| Philips | 1042 |
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PVR

| | |
|------|------|
| Tivo | 1111 |
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| Device | No. of codes |
|-----------|--------------|
| TV | 155 |
| VCR | 111 |
| DVD | 101 |
| Cable | 42 |
| Satellite | 47 |
| Audio | 66 |
| Total | 514 |