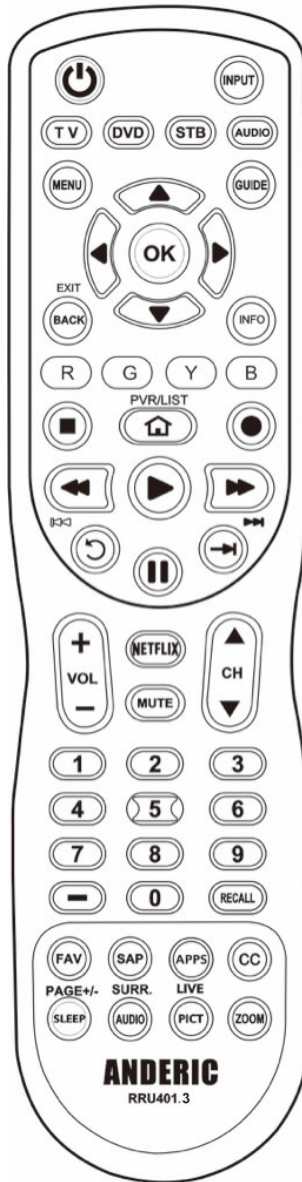


Anderic RRU401.3

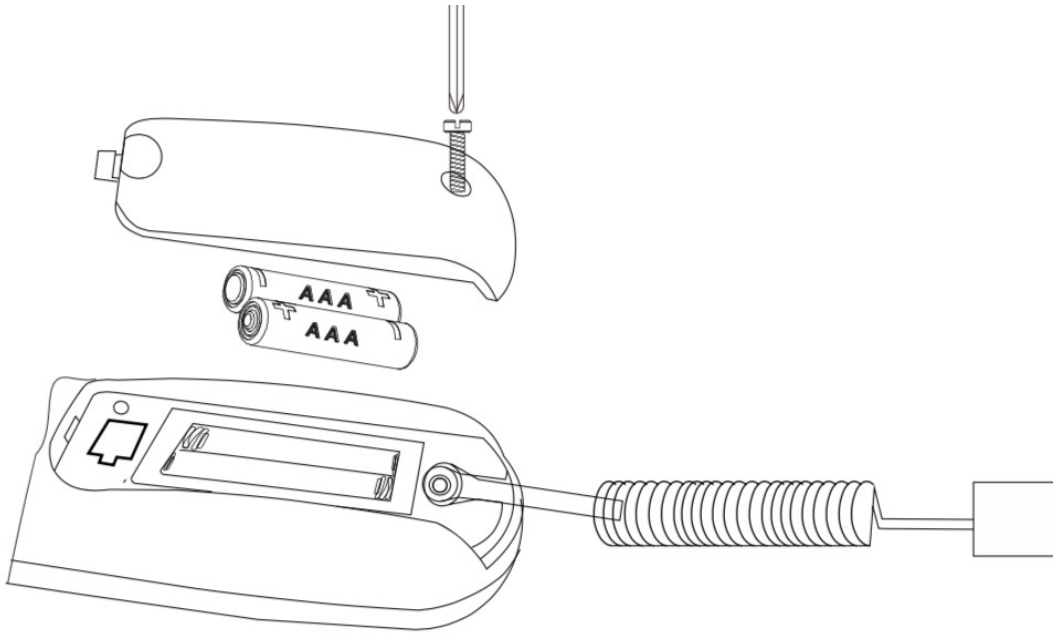


Notice: For additional help, you may contact us at anderic.com. To download a PDF version of this manual, please go to the link below. We recommend bookmarking below URL on your mobile device so you can quickly retrieve the instructions anytime you need it.

Anderic.com/rru401

Installing the Batteries, Screw and Cable attachment (Sold Separately)

See below diagram for help with installing the batteries, battery cover, screw, and cable attachment.



Programming - Code Input Method

This method allows for programming the remote using codes from the attached code list.

1. Turn on the device you want to control.
2. Find the corresponding brand code from attached code list, and write down.
3. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
4. Input the 4-digit code from codebook;
 - a. If valid - Mode key light will go out directly;
 - b. If invalid - Mode key will blink three times quickly and go out, please try inputting the code again.
5. Check to see if most of the keys work to the control your device, if not, please try another code under the same brand & repeat all steps. You may also try "Auto code search method" or "One button search method" below.

Note: During the programming mode, not pressing any button for 20 seconds will cause remote to exit programming mode.

Programming - Auto Code Search Method

Allows for programming without codes by scanning through all codes in the database.

1. Turn on the device you want to control.
2. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
3. Press [CH+] or [CH-] key and release, it will search forward or backward.

- When the device powers off (or video starts playing), press [POWER] key to save and exit (During searching, you can press key [CH+] or [CH-] to change searching direction, and if press any other key, it will exit from searching mode).

Programming - One Button Search Method

Allows for programming by only pressing a single key. Only works for TV and Cable/STB codes.

- Power on the device you want to control.
- Press & release the mode key you wish to program (e.g., TV).
- Find your corresponding brand number from below list, press and hold corresponding number key until unit powers off. Once unit powers off, release the key.
Note: while holding the number key, after 3 seconds the mode light goes out, it will enter the searching mode for that brand; mode light will now be flashing about once every second.
- Check other keys to see if most can work correctly. If not, repeat steps 1-4.

DIGIT	TV	DVD/VCR	AUDIO	CABLE/STB
0	Insignia/Dynex	Insignia/Dynex	Bose	RCA/GE/Proscan
1	LG/Zenith	LG/ Sylvania	Denon	Motorola
2	Panasonic/ Mitsubishi	Panasonic	LG	DirecTV
3	Philips/Magnavox	Philips/Magnavox	Onkyo	Dish Network System/Echostar
4	Samsung	Pioneer	Panasonic	General Instruments
5	Sanyo	RCA	Philips	Hughes Network Systems
6	Sharp	Samsung	Pioneer	Scientific Atlanta/Cisco
7	Sony	Sharp	Samsung	Magnavox/Philips
8	Toshiba	Sony	Sony	Amino/ADB
9	Vizio	Toshiba	Yamaha	Panasonic

Code display

Use this method to display the code that is programmed.

- Press and release the mode key you would like know code for (e.g., TV).
- Press key “[MENU]” and “[1]”, the Mode key flash times indicate the first digit of the code.
- Press key “[MENU]” and “[2]”, the mode key flash times indicate the second digit of the code.
- Press key “[MENU]” and “[3]”, the mode key flash times indicate the third digit of the code.
- Press key “[MENU]” and “[4]”, the mode key flash times indicate the fourth digit of the code.

NOTE: If the current digit is 0, the mode key will not flash.

Multi-mode Combine Power

When enabled, this feature allows for powering on/off multiple devices with a single press of the POWER button.

Enable - Multi-mode Combine Power

1. Press and hold any mode key (e.g., TV) for about 3 seconds until mode key lights and remains on, release the mode key.
2. Input code "9 9 8 0". Mode key remains lit.
3. Press all mode keys (i.e., TV, STB, DVD) you wish to enable multi-mode combine power.
4. Press [POWER] key to save and exit.

Disable - Multi-mode Combine

1. Press and hold any mode key (e.g., TV) for about 3 seconds until mode key lights and remains on, release the mode key.
2. Input code "9 9 8 0". Mode key remains lit.
3. Press [POWER] key to save and exit, Mode key blinks two times and goes out.

Device mode lock

When enabled, this feature allows for locking a device mode so that it cannot be re-programmed. It can be used as a safety feature for accidental programming. If enabled, device lock must be disabled first before mode can be programmed again.

1. Press and hold the mode key (e.g., STB) you wish to enable/disable device mode lock for, for about 3 seconds until mode key lights and remains on, release the mode key.
2. Input code "9 9 8 1".
 - a. If enabled - The mode light goes out directly
 - b. If disabled - The mode light blinks two times

Channel Punch-through

When enabled, all channel keys: 0-9, [-], [RECALL],[CC], [SAP], [CH +]&[CH -] will always send the code of mode assigned, no matter what mode the remote currently resides. Example: After programming channel punch-through to STB mode, if remote is presently in TV mode when pressing a channel key, remote will send the code for STB instead of TV.

1. Press and hold the mode key (e.g., STB) you wish to enable/disable channel punch-through for, for about 3 seconds until mode key lights and remains on, release the mode key.
2. Input code "9 9 8 2".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

Volume Punch-through

When enabled, all volume keys: [MUTE], [VOL+]&[VOL-] will always send the code of mode no matter what mode the remote currently resides.

1. Press and hold the mode key (e.g., TV) you wish to enable/disable volume punch-through for, for about 3 seconds until the mode key lights and remains on, release the mode key.
2. Input code "9 9 8 3".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

Media Punch-through

When enabled, all media keys: [STOP], [RECORD], [<<], [|<<], [PAUSE], [>>], [>>], [PLAY] will always send code of mode assigned, no matter what mode the remote currently resides.

1. Press and hold the mode key (e.g., DVD) you wish to enable/disable media punch-through for, for about 3 seconds until mode key lights and remains on, release the mode key.
2. Input code "9 9 8 4".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

Roku® Punch-through (+ D-Pad)

When enabled, all Roku related keys: [EXIT] (ⓧ), [<<], [PLAY],[PAUSE], [>>], [INFO](*), [HOME],[REPLAY], [NETFLIX], [UP], [DOWN], [LEFT], [RIGHT]&[OK] will always send code of mode assigned, no matter what mode the remote currently resides.

1. Press and hold the mode key (e.g., STB) you wish to enable/disable Roku punch-through for, for about 3 seconds until the mode key lights and remains on, release the mode key.
2. Input code "9 9 7 0".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

Roku Punch-through (NO D-Pad)

When enabled, all Roku related keys: [EXIT] (ⓧ), [<<], [PLAY],[PAUSE], [>>], [INFO](*), [HOME], [REPLAY], [NETFLIX] will always send code of mode assigned, no matter what mode the remote currently resides.

1. Press and hold the mode key (e.g., TV) you wish to enable/disable Roku punch-through for, for about 3 seconds until the mode key lights and remains on, release the mode key.
2. Input code "9 9 7 1".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

All-Key Punch-through

When enabled, all keys will always send the code of mode assigned, no matter what mode the remote currently resides. Note: All-Key Punch-through has the lowest priority amongst all punch-through types. You may enable other punch-through modes to work alongside and they will have higher priority.

1. Press and hold the mode key (e.g., TV) you wish to enable/disable all-key punch-through for, for about 3 seconds until the mode key lights and remains on, release the mode key.
2. Input code "9 9 7 3".
 - a. If enabled - The mode light goes out directly.
 - b. If disabled - The mode light blinks two times.

Individual Key Punch-through

Individual Key Punch-through allows for individually assigning keys to “punch-through” to the mode of your choosing. After enabling punch-through to a given key, the key will always send the code to the assigned device no matter what mode the remote currently resides.

Note: Individual Key Punch-through has the highest priority amongst all punch-through types.

Enable - Individual Key Punch-through

1. Press and hold any mode key (e.g., TV) for about 3 seconds until mode key lights and remains on, release the key.
 2. Input code “9 8”,
 3. Press the corresponding key you wish to enable punch-through for,
 4. Press the mode key you want to assign it to (e.g., TV, STB, AUX); mode light goes out directly.
- Note: To re-assign a key to a different mode, just repeat steps 1-4.

Disable - Individual Key Punch-through

1. Press and hold any mode key (e.g., TV) for about 3 seconds until mode key lights and remains on, release the key.
2. Input code “9 0 0”,
3. Press the key you want to disable the punch-through for; mode light blinks two times to confirm.

Learning function

Learning allows for programming of individual keys using your existing remote's codes.

1. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
2. Press and release [MENU] key, the mode key blinks slowly, the remote is now in learning mode.
3. Press and release key you want to be learned, mode light now remains on.
4. Align both remotes by pointing them at each other, with a distance of about 2 inches apart with IR LEDs directly aligned.
5. Press and hold the corresponding key on the target remote control until mode light blinks three times, then flashes slowly; means code learned successfully, continue to step 6.
 - a. If unsuccessful - mode light flashes two times quickly & exits from learning mode; this may indicate not enough memory space, please delete some learned keys. Please start over from step 1.
6. Repeat steps 3-5 to learn all your needed keys while mode light blinks slowly, then
7. Press mode key (e.g., TV) to save and exit.

Delete individual learned key

1. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
2. Press and release [MENU] key, the mode key blinks slowly, the remote is now in learning mode.
3. Press and hold the key you want to delete learned code from,
 - a. If successful - The mode light blinks three times, remote saves and exits.
 - b. If unsuccessful - The mode light flashes two times and exits.
4. Repeat steps 1-3 to delete other learned keys.

Delete all learned keys from a single device

1. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
2. Press and release [MENU] key, the mode key blinks slowly, the remote is now in learning mode.
3. Press and hold the mode key you want to delete all learned keys from (e.g., TV) until the mode light blinks three times and exits.

Delete all learned keys from all devices

1. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 8 8", mode light blinks two times slowly to confirm and exits.

Macro function

Macros allow for multiple keys to transmit with the pressing of one dedicated key. Example, with a single press of the assigned key, the remote could Power on TV, Change input, Volume Increase, Power on Cable Box & Input channel 530.

Setting a Macro Key while in a specific Mode only (Fixed Device)

What is Fixed Device? This setting allows for assigning a macro key to be used while in the designated mode only. Example, if "FAV" key is assigned to "TV" mode to send macros. "FAV" key will operate as normal if remote is in any other mode such as STB, DVD or AUDIO. "FAV" key will only send the assigned macro if remote is in "TV" mode when the key is depressed.

1. Press and hold the mode key (e.g., TV) you wish to program for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 5",
3. Press key to assign macro function to, the LED flashes once and remains on;
4. Press the mode key (e.g., TV), then follow by pressing the keys in order in which you want the remote to transmit them. If you want to change modes during the sequence, press the corresponding mode key (e.g., DVD) in sequence and then continue with pressing remaining keys you wish.
5. When complete, Press and hold any Mode key (e.g., TV) for about 3 seconds to save and exit.

Setting a Macro Key that works while in any mode (Non-fixed device)

What is a non-fixed device? This setting allows for always sending the function of the macro key no matter what mode (i.e., TV, DVD, STB, AUDIO) the remote resides.

1. Press and hold any mode key (e.g., TV) for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 6",
3. Press key to assign macro function to, the LED flashes once and remains on;
4. Press the mode key (e.g., TV), then follow by pressing the keys in order in which you want the remote to transmit them. If you want to change modes during the sequence, press the corresponding mode key (e.g., DVD) in sequence and then continue with pressing remaining keys you wish.

5. When complete, Press and hold any Mode key (e.g., TV) for about 3 seconds to save and exit.

Example: Assigning "FAV" key to Power on TV, Change input, Increase volume by 1, Power on Cable Box, Input channel 530. Press the following keys in sequence:

Hold [TV] for 3 seconds, [9], [9], [6], [FAV], [TV], [POWER], [INPUT], [VOL +], [CBL], [POWER], [5], [3], [0] & finally, press and hold [TV] for 3 seconds to save.

Delete programmed macro key:

Simply skip step 4 from above procedure.

Macro functionality notes:

- This remote allows up to 5 keys having macro functionality.
- This remote can program a maximum of 15 steps per each macro.
- If programming a macro over a previously assigned macro, it will replace it.

Backlight adjustments

Toggle backlighting on/off

1. Press and hold any mode key (e.g., TV) for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 8 5".

Toggle backlighting length of time: 3 - 10 seconds

1. Press and hold any mode key (e.g., TV) for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 8 6".

Toggle backlighting brightness: 100/75/50/25%

1. Press and hold any mode key (e.g., TV) for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 8 7".

Reset to Factory Default Status

1. Press and hold any mode key (e.g., TV) for about 3 seconds until the mode light remains on, release the mode key.
2. Input code "9 9 9 9"; all mode lights will light and stay lit for about 3 seconds then go out to confirm successful reset.

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TV

Note: Includes codes for all TVs, TV/DVD combos, TV/VCR combos, CRT TVs, Flat-Panel TVs, HDTVs and Smart TVs.

Accurian	2252
Acer	2144
ACTION	2078
ADMIRAL	2493, 2608, 2504, 2505, 2523, 2624, 2012, 2024
ADVENT	2042, 2058, 2186, 2048, 2057, 2282
Aiko	2011, 2553
AIWA	2465, 2460, 2154
AKAI	2465, 2570, 2577, 2578, 2609, 2054, 2035, 2215, 2044, 2157, 2266, 2284, 2002, 2030, 2109, 2216, 2220, 2332, 2478
Akio	2525, 2513, 2611
Aleron	2465
Ampro	2458
AOC	2609, 2002, 2096, 2155, 2191, 2192, 2308, 2314, 2362, 2372, 2387
Aomni	2199
APEX	2044, 2361, 2041, 2086, 2111, 2083, 2046, 2302, 2453, 2541
APPLE	2692
Ascent	2481
ASTAR	2181, 2226
Asus	2413
AUDIOVOX	2252, 2011, 2513, 2020, 2541, 2184, 2380, 2263, 2124, 2023, 2404, 2363, 2320, 2293, 2286, 2260, 2244, 2241, 2079, 2065, 2051, 2027, 2466, 2294, 2126, 2506
Auria	2314, 2337
AVENTURA	2018
BELL & HOWELL	2493, 2608, 2015, 2507
BenQ	2136, 2089, 2461
Bloomingdale	2640
BROKSONIC	2608, 2024, 2284, 2513, 2473, 2271, 2287, 2021, 2268, 2280, 2510, 2512, 2516, 2610, 2613, 2653
Candle	2481, 2609, 2002, 2525, 2501
CARVER	2007
CASIO	2108
CELERA	2044
Champion	2154
CHANGHONG	2044, 2502
CITIZEN	2608, 2481, 2011, 2609, 2284, 2002, 2611, 2003, 2008, 2213, 2214, 2279, 2539
CLARION	2020
Claris	2442
Coby	2182, 2202, 2339, 2341, 2342, 2344, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2383, 2422, 2423, 2432, 2433

Commercial Solutions	2004, 2166
CONTEC	2020, 2467, 2456
COX	2626
CRAIG	2419
CROSLEY	2007, 2000
CROWN	2020, 2610, 2003, 2539, 2536
CURTIS	2361, 2428, 2139, 2355, 2371, 2399, 2434, 2447, 2450, 2106
CURTIS MATHES	2493, 2608, 2504, 2523, 2012, 2465, 2609, 2035, 2002, 2513, 2611, 2023, 2015, 2507, 2007, 2003, 2008, 2539, 2004, 2013, 2210, 2148, 2297, 2017, 2025, 2102, 2580, 2623
DAEWOO	2011, 2030, 2513, 2541, 2023, 2027, 2466, 2015, 2003, 2279, 2539, 2210, 2029, 2270, 2454, 2675
Daytron	2609, 2539
Dell	2121, 2094, 2258, 2373, 2104
DENON	2013
DIGISTAR	2185
DirecTv	2636, 2637
DISNEY	2211, 2265, 2323
Dumont	2505, 2609, 2001, 2531, 2534
Durabrand	2682, 2024, 2186, 2020, 2506, 2018, 2211, 2019, 2090, 2528
Dynex	2656, 2772, 2734, 2748, 2770, 2774, 2254, 2309, 2248, 2171, 2327, 2597
Electroband	2000, 2467, 2491
ELECTROGRAPH	2199, 2234
Electrohome	2024, 2186, 2214, 2539, 2212
Electron	2399
Element	2656, 2799, 2426, 2326, 2402, 2264, 2219, 2598, 2599, 2600
EMERSON	2688, 2656, 2682, 2024, 2609, 2513, 2486, 2020, 2023, 2027, 2466, 2506, 2018, 2015, 2507, 2473, 2271, 2021, 2268, 2280, 2003, 2279, 2539, 2467, 2210, 2270, 2304, 2211, 2531, 2019, 2426, 2326, 2264, 2622, 2621, 2158, 2259, 2272, 2289, 2299, 2325, 2488, 2566, 2509
ENVISION	2002, 2155, 2191, 2308, 2314, 2055
Epson	2487, 2098
ESA	2054, 2018, 2289, 2299
FISHER	2154, 2015, 2507, 2521, 2524, 2526, 2535, 2538, 2558
FUJITSU	2488, 2457, 2052, 2032, 2067
FUNAI	2689, 2656, 2682, 2688, 2020, 2018, 2000, 2158, 2299, 2488, 2566, 2300, 2123, 2267
Gateway	2234, 2235
GE General Electric	2504, 2505, 2523, 2465, 2609, 2044, 2513, 2541, 2023, 2512, 2516, 2004, 2166, 2148, 2019, 2528, 2269, 2483, 2480, 2005, 2183, 2273, 2612, 2625
GFM	2018, 2211, 2264, 2259, 2299, 2325, 2566
Gibraltar	2505, 2609, 2002, 2001

GOLDSTAR	2609, 2002, 2003, 2539, 2019, 2464, 2277, 2533
GOVIDEO	2256, 2475
GPX	2386, 2410
Gradiente	2501, 2499
GRUNDIG	2032
Haier	2783, 2186, 2090, 2416, 2233, 2232, 2231, 2338, 2340, 2411, 2047, 2374, 2579, 2581, 2594, 2595, 2596, 2605
Hall Mark	2609, 2019
HANNSPREE	2247, 2149, 2150, 2397, 2229
Harman-Kardon	2007
HARVARD	2020
HCI	2565
Helios	2474, 2073
Hewlett-Packard	2096, 2205, 2174, 2095, 2097
HISENSE	2690, 2691, 2722, 2782, 2792, 2804, 2041, 2326, 2544, 2135, 2209, 2316, 2424, 2356, 2366, 2543, 2606
HITACHI	2677, 2685, 2803, 2806, 2493, 2608, 2609, 2507, 2539, 2013, 2267, 2462, 2463, 2206, 2101, 2031, 2147, 2395, 2049, 2165, 2455, 2500, 2586, 2593, 2554
Hyundai	2506, 2507, 2605, 2418, 2066, 2112, 2130, 2537, 2547
ilo	2656, 2171, 2158, 2127, 2197, 2211, 2217, 2301
INITIAL	2197, 2301
INSIGNIA	2772, 2723, 2724, 2734, 2748, 2752, 2758, 2761, 2771, 2773, 2791, 2805, 2807, 2808, 3240, 2024, 2157, 2184, 2018, 2139, 2265, 2254, 2309, 2248, 2327, 2597, 2299, 2209, 2164, 2204, 2176, 2107, 2364, 2365, 2368, 2394, 2412, 2315, 2305
INTEQ	2505, 2001
iSymphony	2416, 2406, 2405
JBL	2007
JC PENNY	2504, 2609, 2611, 2502, 2539, 2625
JENSEN	2042, 2058, 2057, 2282, 2139, 2411, 2382, 2132
JERROLD	2502
JVC	2699, 2700, 2701, 2702, 2703, 2757, 2024, 2512, 2501, 2212, 2245, 2195, 2336, 2343, 2028, 2335, 2006, 2116, 2274, 2443, 2444, 2040
KEC	2020
KENWOOD	2609, 2002
Kimin	2633, 2634, 2635
KLH DIGITAL	2044, 2046
Kolin	2502, 2503, 2567, 2568, 2569
Konka	2157, 2038, 2530
Kost	2120, 2173
KTV	2002, 2020, 2610, 2003, 2539, 2467
Lextron	2656
LG	2667, 2668, 2669, 2670, 2671, 2672, 2673, 2674, 2675, 2676, 2698, 2726, 2738, 2739, 2740, 2762, 5243, 2790, 2797, 2608, 2504, 2505, 2609, 2034, 2104, 2001,

	2019, 2485, 2474, 2164, 2477, 2357, 2367, 2122, 2417, 2070, 2138, 2243, 2283, 2303, 2482, 2508, 2398
LITEON	2095
LLOYD'S	2267
LODGENET	2493
LOGIK	2493, 2608, 2547, 2548
LXI	2504, 2505, 2523, 2609, 2015, 2507, 2007, 2502, 2004, 2019, 2016
MAG	2219, 2175
Magnasonic	2682, 2279, 2272
Magnavox	2655, 2769, 2810, 2609, 2002, 2525, 2155, 2051, 2018, 2007, 2539, 2234, 2272, 2289, 2299, 2488, 2267, 2005, 2301, 2617, 2459, 2262, 2167, 2168, 2261, 2385, 2359, 2437, 2400, 2281, 2037, 2180, 2117, 2105
Majestic	2493, 2609
MARANTZ	2002, 2007, 2167, 2036, 2159, 2068, 2069, 2224, 2370
Matsushita	2457, 2028, 2022
Maxent	2234, 2224, 2236, 2043, 2110
MEGATRON	2456, 2013, 2019
MEMOREX	2493, 2608, 2024, 2186, 2609, 2266, 2611, 2015, 2507, 2271, 2287, 2211, 2265, 2019, 2248, 2212, 2488, 2277, 2081, 2278, 2275, 2014
MGA	2609, 2002, 2456, 2019, 2269, 2014
Midland	2504, 2505, 2465, 2003, 2539, 2004, 2001, 2005
Midsouth	2641 (TV1), 2642 (TV2), 2643 (TV3)
Mintek	2197, 2301
MITSUBISHI	2657, 2746, 2766, 2523, 2012, 2465, 2609, 2456, 2019, 2503, 2014, 2520, 2115, 2250, 2062, 2517, 2603
Mittsui	2506, 2622, 2621, 2509, 2546
MONTGOMERY WARD	2493
Motorola	2523, 2012, 2612
MTC	2609, 2002, 2611, 2008, 2539, 2467
NAD	2609, 2502, 2623, 2019, 2016, 2103, 2074
Naxa	2416, 2318, 2392, 2408
NEC	2505, 2609, 2002, 2080, 2612, 2338, 2482, 2036, 2159, 2250, 2479, 2221, 2616, 2532, 2620
Nettv	2234, 2462, 2043
Nikko	2505, 2011, 2609, 2002, 2507, 2502, 2019, 2190
Noblex	2507, 2653, 2522, 2529, 2540, 2549, 2552, 2555, 2557
Norcent	2486, 2096, 2155, 2191, 2192, 2041, 2506, 2229, 2061, 2193, 2317
NTC	2011
Nuvision	2324, 2208
Olevia	2662, 2487, 2567, 2568, 2569, 2100, 2113, 2143, 2618, 2198
OPTIMUS	2015, 2507, 2017, 2623, 2272, 2457, 2028, 2022, 2278, 2275
Optoma	2149
OPTONICA	2523, 2624, 2012, 2620, 2484, 2476

ORION	2024, 2473, 2271, 2287, 2021, 2268, 2280, 2171, 2488, 2425
Panasonic	2680, 2777, 2523, 2507, 2512, 2509, 2457, 2123, 2005, 2463, 2028, 2335, 2022, 2278, 2275, 2583, 2469, 2172, 2129, 2292, 2288, 2562, 2511, 2584
PDI	2559
Penney	2002, 2003, 2008, 2004, 2148, 2019, 2269, 2483, 2480, 2005, 2277, 2016
PHILCO	2523, 2609, 2002, 2525, 2513, 2506, 2018, 2007, 2539, 2211, 2622, 2621, 2158, 2299, 2123, 2612, 2530, 2459, 2519
PHILIPS	2759, 2655, 2656, 2684, 2810, 2798, 2813, 2486, 2155, 2018, 2007, 2158, 2289, 2488, 2301, 2173, 2617, 2262, 2167, 2168, 2261, 2385, 2359, 2400, 2576, 2360, 2228, 2033, 2253, 2298, 2384, 2489, 2560
Philips-Magnavox	2655, 2810
Pilot	2609, 2002, 2003, 2539
PIONEER	2609, 2017, 2623, 2488, 2463, 2031, 2074, 2169, 2119, 2496
Planar	2191, 2128
Polaroid	2044, 2157, 2302, 2124, 2320, 2244, 2241, 2507, 2182, 2139, 2185, 2464, 2238, 2073, 2135, 2127, 2305, 2120, 2175, 2178, 2242, 2451, 2319, 2311, 2239, 2145, 2141, 2140, 2137, 2490, 2571, 2572, 2573, 2574, 2619
Portland	2011, 2609, 2513, 2023, 2003, 2539, 2210
PRIMA	2042, 2058, 2048, 2057, 2282, 2248, 2233, 2232
Princeton	2039
PRISM	2005
Proscan	2745, 2743, 2504, 2624, 2609, 2002, 2428, 2439, 2438, 2445, 2512, 2004, 2166, 2148, 2025, 2273, 2316, 2508, 2334, 2322
PROTON	2025
Protron	2019
PROVIEW	2219, 2598, 2599, 2600, 2175
Pulsar	2505, 2609, 2001
PYLE	2106, 2331, 2388
Quasar	2624, 2512, 2457, 2612, 2620, 2484
RadioShack	2504, 2624, 2609, 2002, 2020, 2015, 2507, 2003, 2539, 2004, 2019, 2267, 2005, 2028, 2022, 2278, 2275, 2620, 2129
RCA	2004, 2005, 2010, 2012, 2031, 2092, 2102, 2114, 2148, 2157, 2166, 2183, 2210, 2246, 2263, 2269, 2273, 2295, 2296, 2297, 2305, 2326, 2333, 2369, 2393, 2399, 2401, 2407, 2416, 2428, 2438, 2439, 2445, 2449, 2463, 2504, 2508, 2513, 2523, 2541, 2609, 2612, 2623, 2627, 2628, 2633, 2634, 2635, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2683, 2693, 2694, 2695, 2696, 2704, 2705, 2706 (Bed1), 2707, 2708, 2709, 2710 (Bed 2), 2711 (Bed 3), 2712, 2713, 2714, 2715, 2716, 2717, 2718, 2719, 2720, 2721, 2727, 2728, 2729, 2747, 2764, 2767, 2784, 2785, 2793, 2801, 2811, 3237, 3241
REALISTIC	2624, 2609, 2002, 2020, 2015, 2507, 2003, 2539, 2019, 2620
RevolutionHD	2199
Rhapsody	2467
ROKU	2730

Runco	2493, 2002, 2001, 2482, 2159
SAMPO	2002, 2003, 2234, 2509, 2043
SAMSUNG	2661, 2735, 2750, 2753, 2754, 2755, 2760, 2778, 2788, 2796, 2465, 2609, 2054, 2035, 2266, 2002, 2611, 2003, 2008, 2539, 2297, 2028, 2522, 2614, 2310, 2201, 2045, 2056, 2093, 2390, 2026, 2187, 2527
SANSUI	2024, 2284, 2018, 2271, 2287, 2280, 2265, 2171, 2212, 2267, 2425, 2161, 2414, 2542, 2545, 2607
SANYO	2658, 2763, 2795, 2154, 2015, 2507, 2510, 2007, 2521, 2524, 2526, 2535, 2538, 2558, 2485, 2099, 2009, 2050, 2269, 2495, 2601, 2602, 2615
Sceptre	2111, 2381, 2345, 2082, 2152, 2378, 2194
SCOTT	2609, 2020, 2473, 2021, 2539, 2019, 2488, 2222
SEARS	2018, 2015, 2007, 2004, 2019, 2488, 2267, 2277, 2016, 2087
SEIKI	2019, 2426, 2402, 2427, 2452
SENS	2260
SHARP	2687, 2690, 2697, 2725, 2732, 2733, 2737, 2744, 2780, 2781, 2787, 2789, 2800, 2809, 2523, 2624, 2012, 2460, 2609, 2362, 2466, 2003, 2539, 2467, 2456, 2068, 2603, 2532, 2620, 2484, 2471, 2472, 2358, 2059, 2196, 2170, 2375, 2563, 2515, 2550, 2551
SHERWOOD	2403, 2160
Shogun	2609, 2611
Sigmac	2419, 2421
SIGNATURE 2000	2493, 2608, 2523, 2609, 2007
Skyworth	2251
Sole	2199, 2173, 2088, 2313
SONY	2660, 2679, 2765, 2486, 2458, 2000, 2454, 2491, 2267, 2480, 2477, 2479, 2575, 2053, 2133, 2218, 2249, 2276, 2468
SOUNDESIGN	2020, 2019, 2488
SOVA	2294
Soyo	2230, 2177, 2257, 2587, 2588, 2589, 2590, 2591, 2592
SunbriteTV	2198, 2381, 2345, 2162
Superscan	2012, 2289, 2072
SuperSonic	2601, 2233, 2411, 2318, 2408, 2431, 2446
SVA	2041, 2299, 2047, 2474, 2073, 2026, 2075, 2076, 2077
SYLVANIA	2656, 2682, 2609, 2002, 2018, 2007, 2539, 2211, 2264, 2158, 2259, 2272, 2289, 2299, 2566, 2123, 2135, 2459, 2281, 2469, 2026
SYMPHONIC	2682, 2020, 2018, 2158, 2272, 2289, 2566
SYNTAX	2567, 2568, 2569, 2100, 2113, 2143, 2198
Tandy	2523, 2012
Tatung	2235, 2612, 2097, 2127, 2128, 2153, 2376
TCL	2654, 2802, 2012, 2004, 2166, 2210, 2148, 2102, 2269, 2005, 2183, 2273, 2031, 2305, 2564, 2369, 2401, 2333, 2328, 2296, 2295, 2246, 2010, 2114, 2092, 2393, 2409
TECHNICS	2005, 2022

Techview	2306
Techwood	2609, 2005
Teco	2091
Teknika	2493, 2608, 2011, 2609, 2611, 2020, 2007, 2003, 2008, 2539, 2456, 2488, 2014
Telefunken	2465, 2035
Telerent	2493
Thomas	2267
TMK	2609, 2486, 2019
TOSHIBA	2751, 2665, 2678, 2681, 2686, 2775, 2794, 3242, 2523, 2465, 2284, 2478, 2611, 2015, 2507, 2502, 2008, 2297, 2470, 2457, 2028, 2122, 2138, 2016, 2103, 2221, 2616, 2490, 2575, 2604, 2060, 2064, 2118, 2146, 2151, 2156, 2179, 2207, 2285, 2290, 2307, 2391, 2514, 2518, 2556, 2585
TOTE VISION	2003
TRUTECH	2211, 2562, 2563, 2225, 2312
Vea	2493
Venturer	2263, 2260
Victor	2501, 2006
Vidtech	2609, 2019
Viewsonic	2155, 2308, 2314, 2184, 2337, 2516, 2309, 2234, 2049, 2593, 2471, 2472, 2515, 2072, 2514, 2084, 2142, 2189, 2200, 2203, 2227, 2435, 2071
VIORE	2109, 2355, 2416, 2217, 2406, 2405, 2318, 2255, 2494
Visionquest	2415
Vistron	2321
Vivitek	2156
VIZIO	2659, 2664, 2666, 2741, 2742, 2768, 2235, 2455, 2569, 2560, 2072, 2084, 2237, 2379, 2389, 2396, 2441, 2497, 2561
Wards	2493, 2608, 2624, 2609, 2002, 2020, 2015, 2007, 2000, 2502, 2008, 2004, 2148, 2102, 2623, 2001, 2019, 2488, 2483, 2480, 2005, 2625, 2016, 2459, 2103, 2074, 2620, 2484
Westinghouse	2743, 2663, 2779, 2361, 2086, 2111, 2023, 2734, 2416, 2338, 2405, 2133, 2084, 2085, 2125, 2188, 2223, 2330, 2377, 2420, 2429, 2448, 2582
White Westinghouse	2682, 2024, 2513, 2453, 2027, 2466, 2210, 2270
YAMAHA	2609, 2002, 2049
ZENITH	2736, 2756, 2493, 2024, 2011, 2002, 2155, 2271, 2280, 2000, 2004, 2013, 2210, 2270, 2001, 2019, 2267, 2475, 2101, 2164, 2357, 2122, 2138, 2459, 2476
Zonda	2523, 2609, 2513, 2611, 2539, 2638, 2528, 2605, 2620

Roku-Enabled TV

Note: Includes codes for all Roku Enhanced TVs.

Haier	2783
HISENSE	2722, 2782, 2804

HITACHI	2803, 2806
INSIGNIA	2723, 2724, 2752, 2805, 2807, 2808
LG	2726
PHILIPS	2813
RCA	2784, 2793, 2801, 2811
ROKU	2730
SHARP	2725, 2733, 2780, 2781, 2809
TCL	2654, 2802

Set Top Box (STB)

Note: Includes all codes for Streaming players, DTA boxes, Cable Boxes, DVR Boxes, Satellite Boxes, Tuner boxes, and more.

ABC	5256, 5012, 5020, 5011
ABD	5110
ABS-CBN	5062
Access-HD	5249, 5104
Accurian	5089
ACTION	5020
Alienware	5062
Alphastar	5036
Americast	5272, 5046
Amino	5251, 5252, 5253, 5086, 5097, 5080
APEX	5248
APPLE	2692
ARCHER	5020
Arion	5193
AT&T	5279, 5102, 5042
Atlas	5185
Bellsouth	5272, 5046
Buffalo	5091
Captiveworks	5176, 5153
Casti	5109
Century	5012
CHANNEL MASTER	5319
Chaparral	5019
CISCO	2776, 5099, 5044, 5100, 5002, 5148
Clearmaster	5045, 5319
Clearmax	5045
COMCAST	5278, 2776
Cool Box	5045
Coolmax	5045

Coolsat	5194, 5156, 5094
COX	2776
Crossdigital	5305, 5053
D-Link	5084, 5090, 5105
DENON	5205
Digeo	5274, 5058, 5106
Digital Stream	5245, 5108
Director	5266, 5027, 5001
DirecTv	5281, 5282, 5283, 5284, 5285, 5286, 5287, 5288, 5289, 5290, 5291, 5292, 5293, 5294, 5295, 5297, 5298, 5299, 5300, 5301, 5302, 5303, 5304, 5305, 5306, 5307, 5308, 5309, 5310, 5311, 5312, 5313, 5314, 5315, 5316, 5317, 5053, 5296, 5056, 5087, 5088, 5072, 5026, 5031, 5032, 5033, 5021, 5035, 5092, 5040, 5098, 5050, 5052, 5015, 5073, 5074, 5076, 5077, 5078
Dish-Network	5318, 5246, 5037, 5057, 5083
Dishpro	5037, 5083
ECHO STAR	5037, 5057, 5083
Epson	5085
Expressvu	5037, 5057
FORTEC STAR	5152, 5096
Fosgate	5023
FUNAI	5072
Gateway	5062
GE General Electric	5018, 5293, 5026, 5031, 5228
General Instrument	5263, 5266, 5270, 5011, 5023, 5302, 5027, 5001, 5039, 5043
Gibraltar	5011
GMI	5045
GOLDSTAR	5259, 5018
HAMLIN	5257, 5262, 5013, 5022
Hewlett-Packard	5062, 5061
HITACHI	5012, 5011, 5299, 5035, 5040, 5013
Houston	5037
HTS	5037
HTS	5037
Hughes Network	5297, 5306, 5056, 5316, 5317, 5035, 5092, 5076, 5077, 5078
HUMAX	5093
Innova	5015
Insight	5027, 5039
INSIGNIA	5075
JERROLD	5263, 5266, 5270, 5011, 5023, 5001, 5039, 5043, 5307
JVC	5037, 5057
LG	5243, 5317, 5074, 5075, 5244, 5059
LINKSYS	5062, 5070
Magnavox	5296, 5034

McIntosh	5043
MEMOREX	5254, 5010
Microsoft	5062, 5103
MITSUBISHI	5011, 5035
Motorola	5260, 5263, 5266, 5270, 5274, 5275, 2776, 5042, 5023, 5100, 5058, 5302, 5027, 5001, 5039, 5043, 5301, 5068, 5101, 5071, 5051, 5000, 5003
Multitech	5045
Neosat	5166, 5188
Netsat	5015
Next Level	5302, 5043
NOVAPLEX	5012
NtDigital	5192
Pace	5261, 5277, 5012, 5020, 5099, 5044
Panasonic	5254, 5278, 5258, 5012, 5018, 5100, 5292, 5295, 5033, 5021, 5010, 5016, 5054
PANSAT	5095
PARAGON	5254, 5012, 5010, 5029
Penney	5010
PHILIPS	5265, 5276, 5037, 5289, 5303, 5306, 5056, 5311, 5316, 5035, 5092, 5040, 5050, 5015, 5076, 5034, 5065, 5025
PIONEER	5259, 5269, 5271, 5277, 5018, 5099, 5044, 5030, 5048
Prime	5184
PRIMESTAR	5043
Proscan	5026, 5031
Pulsar	5254, 5010
Quasar	5254, 5010
RadioShack	5037, 5045, 5302, 5031, 5043
RCA	5026, 5031, 5037, 5041, 5056, 5060, 5073, 5076, 5087, 5250, 5290, 5300, 5310
REGAL	5262, 5264, 5023, 5022, 5024
ROKU	2730, 5081
Runco	5254, 5010
SAMSUNG	5259, 5018, 5011, 5100, 5305, 5281, 5304, 5306, 5311, 5312, 5315, 5076, 5307, 5063, 5082
SCIENTIFIC-ATLANTA	5256, 5267, 5271, 5277, 5012, 5020, 5011, 5042, 5099, 5044, 5100, 5010, 5028
SHARP	5048
SMC Networks	5079
SonicView	5180, 5138
SONY	5273, 5062, 5294, 5313, 5314, 5088, 5032, 5047, 5066, 5069
Star Choice	5302, 5043
Star Trak	5036, 5043
Starcom	5255, 5011
Supercable	5263, 5023
Supermax	5045
SYLVANIA	5085

Telefonica	5154, 5141, 5171, 5175, 5132
Thomson	5026, 5031, 5060
TIME-WARNER	2776
TiVo	5306, 5056, 5311, 5076, 5077, 5078
Torx	5011
TOSHIBA	5254, 5062, 5298, 5316, 5035, 5092, 5010, 5308, 5038, 5064
Tristar	5045
UltimateTV	5310, 5314, 5088, 5073
Ultrasat	5094
UNIDEN	5034
United Cable	5011, 5023
US ELECTRONICS	5012, 5011, 5023
Viewmaster	5045
viewsat	5170, 5182
Viewsonic	5062, 5067
Vision	5045
VIZIO	5055
Voom	5302, 5043
Vortex View	5045
Vudu	5107
Windows-Media-Center	5062
XBOX	5103, 5280
XBOX ONE	5280, 2812
xfinity	5278, 2776
ZENITH	5244, 5254, 5268, 5272, 5046, 5098, 5075, 5010, 5029

DVD Player

Note: Includes codes for all DVD players, including Blu-ray Players.

ABS-CBN	3139
Accurian	3050, 3112, 3000
ADMIRAL	3010
Adventura	3000
Aiko	3021
AIWA	3000, 3045, 3004
AKAI	3051
Alco	3061
Alienware	3139
ALLEGRO	3075, 3005
Ambridge Audio	3187
America Action	3021

American High	3003
Anthem	3188
APEX	3049, 3054, 3058, 3062, 3078, 3084, 3063, 3064, 3077, 3083, 3092, 3215
Asha	3020
ASTAR	3115
Audio Authority	3177
AUDIOVOX	3021, 3004, 3061, 3054
BBK	3100
Beaumark	3020
BELL & HOWELL	3015
BLAUPUNKT	3054
Blue Parade	3031
BROKSONIC	3051, 3018
Calix	3004
Cambridge Audio	3187
CANON	3003
CARVER	3014
CineVision	3075, 3072
CITIZEN	3021, 3004, 3051, 3147
Coby	3090, 3093, 3098, 3110, 3174
CRAIG	3004, 3020, 3071, 3009
CROSLEY	3000, 3014
CURTIS	3154, 3201, 3202, 3203
CURTIS MATHES	3021, 3003, 3020, 3091, 3011, 3017
CYBERHOME	3067, 3094, 3079
Cybernex	3020
Cyberpower	3139
DAEWOO	3021, 3075, 3072, 3099, 3008
Dell	3139
DENON	3022, 3156, 3134, 3186, 3210, 3043, 3006
DIGIX	3171, 3209
DirecTv	3055
DISNEY	3050, 3105, 3200, 3160
Durabrand	3005
Dynatech	3000
Dynex	2656, 3183
Electrohome	3004, 3147, 3007
Electroponic	3004
Element	2656
Emerex	3001
EMERSON	2656, 3235, 3236, 3050, 3000, 3021, 3004, 3018, 3007, 3152, 3035, 3129
FISHER	3015, 3009, 3048
Fuji	3003, 3002

FUNAI	2656, 3233, 3235, 3236, 3050, 3000, 3129
Garrard	3000
Gateway	3139, 3089, 3096
GE General Electric	3003, 3054, 3020, 3011, 3025, 3066
GFM	3050, 3129
GOLDSTAR	3004, 3075, 3056
GOVIDEO	3075, 3020, 3072, 3096, 3088, 3056, 3057, 3082, 3060, 3036
GPX	3154
Gradiente	3000
Greenhill	3054
GRUNDIG	3028
Harley Davidson	3000
Harman-Kardon	3014, 3034, 3052, 3101, 3193, 3199
Helios	3151
Hewlett-Packard	3139
HITACHI	3000, 3006, 3032, 3047
Hiteker	3049
Howard Computers	3139
Hughes Network	3006
HUMAX	3055, 3128
Hush	3139
Ibuypower	3139
ilo	2656, 3235, 3109
INITIAL	3054
INSIGNIA	2758, 2791, 3240, 3050, 3183, 3056, 3145, 3168
Instant Replay	3003
INTEGRA	3031, 3134, 3149, 3040, 3138
JBL	3052
JVC	2700, 3215, 3165, 3097, 3039, 3130, 3030, 3074, 3102, 3107, 3124, 3191, 3184, 3013
JWIN	3196
Kawasaki	3061
KEC	3021, 3004
KENWOOD	3022, 3013, 3027
KLH DIGITAL	3061, 3054, 3078
KOSS	3218, 3217
Lasonic	3065
Lexicon	3175
Lextron	2656
LG	3231, 3075, 3035, 3056, 3130, 3148
LINKSYS	3139
Liquid Video	3217
LITEON	3112, 3136, 3096

LLOYD'S	3000
LXI	3004
Magnavox	3233, 3235, 3050, 3000, 3005, 3003, 3014, 3129, 3028, 3046, 3024, 3111, 3118, 3205, 3221
Magnin	3020
MARANTZ	3003, 3014, 3028, 3167, 3172, 3204
Marta	3004
Matsushita	3003, 3017
McIntosh	3106
MEI	3003
MEMOREX	3000, 3010, 3004, 3051, 3005, 3003, 3020, 3015, 3071, 3009, 3017, 3105, 3152, 3162, 3197
MGA	3020, 3007
MGN Technology	3020
Microsoft	3139, 3025, 3143
Mind	3139
MINOLTA	3006
Mintek	3054
MITSUBISHI	3007, 3013, 3122
Motorola	3010, 3003
MTC	3000, 3020
Multitech	3000
NAD	3056, 3181
Naxa	3154
NEC	3015, 3013
Nesa	3054
Nikko	3004
Niveus Media	3139
Noblex	3020
Norcent	3115, 3093
Northgate	3139
Nyko	3163
Olevia	3162
Olympus	3003
ONKYO	3149, 3040, 3138, 3024, 3132, 3153, 3179
OPPO	3100, 3175, 3033, 3150
OPTIMUS	3010, 3004, 3015, 3017, 3085
ORION	3018
ORITRON	3218, 3217
Panasonic	3003, 3022, 3017, 3036, 3024, 3085, 3135, 3207, 3127, 3053, 3137, 3219, 3220, 3037
Penney	3004, 3003, 3020, 3006
PHILCO	3050, 3003

PHILIPS	2656, 3050, 3003, 3014, 3055, 3096, 3028, 3046, 3024, 3111, 3118, 3205, 3221, 3141, 3169, 3144, 3104, 3108, 3038
Pilot	3004
PIIONEER	3125, 3031, 3013, 3016, 3170, 3042, 3120, 3190, 3222
Polaroid	3078, 3084, 3090
polkaudio	3014, 3028
Portland	3021
Presidian	3050, 3136, 3129
Proceed	3049
Proscan	3011, 3025
Protron	3115
ProTronic	3020
Pulsar	3005
Quasar	3003, 3017
RadioShack	3000
Radix	3004
Randex	3004
RCA	2793, 3237, 3241, 3061, 3003, 3054, 3020, 3031, 3011, 3006, 3152, 3025, 3138, 3182, 3192, 3070, 3223
Re-Bi	3177
REALISTIC	3000, 3010, 3004, 3003, 3015, 3009
REPLAY TV	3036, 3037
Ricavision	3139
RIO	3075
ROTEL	3039
Runco	3005
SAMSUNG	3238, 3229, 3232, 3234, 3239, 3020, 3022, 3008, 3088, 3082, 3032, 3019, 3142, 3166, 3161, 3116, 3126, 3146, 3157, 3173, 3178, 3189, 3206, 3069, 3224
Sanky	3010, 3005
SANSUI	3000, 3051, 3013
SANYO	3051, 3020, 3015, 3009, 3048, 3076
Sceptre	3015
SCOTT	3018, 3008, 3007
SEARS	3000, 3004, 3003, 3015, 3009, 3006
SHARP	3050, 3010, 3155, 3041, 3103
SHERWOOD	3089, 3081, 3195, 3212
Shinsonic	3026
Shogun	3020
SIGNATURE 2000	3003
Sonic Blue	3075, 3036, 3037
SONY	3230, 4256, 3139, 3000, 3003, 3001, 3002, 3026, 3121, 3133, 3087, 3073, 3059, 3080, 3113, 3123, 3114, 3044, 3226, 3225, 3227, 3228
Stack9	3139

STS	3006
SuperSonic	3211
SYLVANIA	2656, 3233, 3235, 3236, 3050, 3000, 3003, 3014, 3007, 3129
SYMPHONIC	3050, 3000, 3129
Systemax	3139
Tagar Systems	3139
Tashiko	3004
TEAC	3000, 3061
TECHNICS	3003, 3022, 3017, 3053
Teknika	3000, 3004, 3003
Theta Digital	3031
Thomas	3000
TiVo	3055, 3038, 3117, 3044
TMK	3020
TOSHIBA	3242, 2794, 3139, 3051, 3008, 3007, 3128, 3138, 3024, 3117, 3185, 3198, 3158, 3095, 3119, 3131, 3140, 3164
TOTE VISION	3004, 3020
Unitech	3020
Venturer	3061
VIDEO CONCEPTS	3008
Videomagic	3004
Viewsonic	3139, 3020
Villain	3000
VIORE	3176
VIZIO	3180, 3086
Voodoo	3139
Wards	3000, 3010, 3005, 3003, 3020, 3014, 3009, 3011, 3008, 3006, 3002
WB Electronics	3177
Windows-Media-Center	3139
XBOX	3025, 3143
XR1000	3000, 3003
YAMAHA	3112, 3022, 3035, 3028, 3046, 3111, 3159, 3023, 3029, 3208, 3068
ZENITH	3000, 3004, 3075, 3005, 3002, 3056, 3024
Zt Group	3139

Audio Systems

Note: Includes codes for all Sound Bar, Audio/Video Receivers, Radios and Speakers.

ADC	4008
AIWA	4003, 4005, 4001, 4018, 4083, 4057, 4052

Alco	4055
ALTEC LANSING	4161, 4177
Amphion Media Works	4074
Anthem	4215
APEX	4027, 4059, 4092
APPLE	4019
ARCAM	4005, 4023
Audiosource	4235
Audiotronic	4023
AUDIOVOX	4055
BOSE	4108, 4081, 4024, 4046, 4100, 4009
Boston Acoustics	4122
Capetronic	4008
CARVER	4005, 4001, 4018, 4023
Coby	4054, 4174, 4180, 4206, 4117
CURTIS	4054
DAEWOO	4025
DEFINITIVE TECHNOLOGY	4233
DENON	4183, 4158, 4047, 4182, 4134, 4061, 4220, 4222, 4021, 4131, 4191, 4156, 4118, 4175
Durabrand	4076
Dynavox	4207
Dynex	4190
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