

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 the “CHANNEL UP” key to start searching upward at an approx. 5 seconds interval for each code set

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

- H. Press the “CHANNEL DOWN” key to start searching downward at an approx. 5 seconds interval for each code set

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

- I. 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
- J. To search for the codes of other devices, repeat the above but substitute the AUX key for the auxiliary device you are searching for.
- K. 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.

Amplifier

Kenwood	048
Pioneer	041
RCA	069
Yamaha	001, 053

Audio Cassette

Aiwa	039
Curtis Mathes	041
Denon	052
Fisher	042, 049
GE	070
Kenwood	048, 056
NAD	040
Nakamichi	054
Onkyo	055
Optimus	041, 047
Panasonic	015, 050
Philips	013
Pioneer	018, 041, 045
Proscan	070
Quasar	050
Radio Shack	047
RCA	070
Sansui	057
Sanyo	044
Sherwood	047
Sony	043
Technics	050
Yamaha	053

Audio System

Aiwa	039
Carver	051
Curtis Mathes	041
Denon	052
Harman Kardon	046
Kenwood	048, 056
Nakamichi	054
Panasonic	015, 016
Philips	013, 014
Pioneer	018, 041
RCA & Dimensia	031, 032, 033, 034, 035
Sansui	057
Sanyo	044
Scientific Atlanta	067
Sony	043
Technics	050
Yamaha	053

CATV

ABC	000, 001, 002, 030
Archer	007
Cableview	003
Contec	034
Eastern	035
GE	000
Gemini	012, 013
General Instruments	000, 032
Hamlin	036, 037, 038, 040, 044
Hitachi	000
Jerrold	000, 012, 015, 016, 026, 030,

	032
Motorola	031
Movie Time	039
NEC	033
NSC	039
Oak	034, 041
Panasonic	027, 029
Philips	009, 010, 011, 013, 018, 019, 020
Pioneer	021, 022
Proscan	000
RCA	003, 029, 032
Samsung	022
Scientific Atlanta	002, 023, 024, 025
Signature	000
Sprucer	029
Standard Component	042, 043
Starcom	012, 030
Stargate	012
Tocom	001, 015
United Cable	030
Universal	004, 007
View Star	034, 039
Zenith	028

Digital Audio Tape

Sony	043
------	-----

DVD

Aiwa	073
Apex	000, 001, 003, 004, 016, 028, 029, 030
Audiovox	074
Blaupunkt	078
BOSE	062, 071
Broksonic	045
Cherry	004, 025, 033
Clarion	046
Classic	047
Daewoo	079, 080
Denon	075, 095, 096
Emerson	048, 049
Fisher	050, 076
Funai	049, 064
GE	005, 051, 102
Go Video	068, 070
GPX	052
Great Wall	042, 101
Hitachi	065, 067
Irradio	092
JVC	007, 010, 011, 012, 013
Kenwood	097, 100
Koss	093
Magnavox	020, 035
Marantz	085
Memorex	087
Mintek	053
Mitsubishi	088, 089, 090, 091
NAD	048, 081
Nakamichi	054
Norcent	055, 056
Onkyo	082, 086
Oritron	057
Panasonic	008, 036, 037
Philips	002, 009, 021, 022, 023, 043
Pioneer	027

Proscan	005, 099
Qwestar	057
RCA	005, 024, 038
Sampo	058
Samsung	006, 017, 033, 041
Sansui	060
Sanyo	059, 063
Sharp	014, 031
Sherwood	061
Sony	015, 018, 034, 039
Sylvania	049, 072, 077
Techwood	083
Toshiba	019, 026, 040, 042
Yamaha	084, 098
Zenith	069, 094

DVD/VCR Combo

Go Video	026, 028, 068, 070
Hitachi	025, 067
JVC	000, 010
Samsung	031, 017
Sanyo	022, 063
Zenith	027, 069

Home Theater

BOSE	010, 071
Onkyo	086
Philips	022

Phono

Kenwood	048
Pioneer	041
Sony	043
Yamaha	053

PVR

Philips	042
RePlay	156
Tivo	111

Receiver/Amplifier

Yamaha	001
Aiwa	017, 036, 039
BOSE	010
Cambridge	011, 028
Carver	051
Curtis Mathes	041
Denon	006, 026, 027, 052
Fisher	042, 044, 049
Gradiente	062
Harman Kardon	008, 038, 046
Hitachi	059
Ibiza	006, 037
JBL	038
Jensen	061
JVC	007, 030
Kenwood	005, 028, 048, 056
Luxman	064
McIntosh	058
NAD	040
Nakamichi	054
NEC	040
Nikko	063
Onkyo	055

Optimus	041, 047
Panasonic	009, 012, 016, 029, 050
Philips	014
Pioneer	004, 023, 041, 045
Quasar	050
Radio Shack	047
RCA	071, 072
Sansui	057
Sanyo	042, 044
Sharp	060
Sherwood	047
Sony	024, 043
Technics	002, 020, 050
Yamaha	048, 053
Zenith	065

Satellite

Alphastar	028
BSB	003, 005, 013
Chaparral	024
DirecTV	001
Drake	027
Echostar	026
Express Vu	030
Fujitsu	022
GE	004, 032, 033, 046
General Instruments	018, 019
Hitachi	023, 045
Hughes	023, 043, 047
Janeil	022
JVC	015
Mitsubishi	002
Panasonic	005, 011, 036
Philips	000
Proscan	032, 033, 038, 044
Radio Shack	018, 019
RCA	032, 033, 037, 039
Realistic	014
Samsung	006, 028
Sony	007, 040, 042
Star Choice	031
Star Trak	021
STS	020
SuperDish	023, 025
Toshiba	008, 029
Uniden	016, 017, 041
Zenith	009, 022

Satellite Receiver/Recorder

Philips	012
RCA	010
Sony	035
Zenith	013

Tuner

Philips	022
---------	-----

Televisions

A Mark	134
Action	108
Admiral	071, 093, 099, 118, 127, 130, 131
Advent	147
Aiko	079
Aiwa	047

Akai	104, 105, 123
Amtron	082
Anam	106
Anam National	072, 082, 110
AOC	073, 074, 075, 104, 112, 117, 134, 140
Apex	000, 001, 015, 016
Audiovox	082, 108, 140, 144
Bell & Howell	071, 084, 118, 131
Benq	051
Broksonic	037, 038, 104, 106, 118, 138, 146
Carver	153
CCE	118
Centurion	077
Citek	143
Citizen	073, 075, 079, 082, 089, 092, 138
Classic	104, 123
Colortyme	073, 075, 105, 116, 118, 125, 127, 139
Contec Cony	106, 108
Contec/Cony	078, 082
Craig	082, 106, 108, 114, 119, 125, 138
Crosley	118, 153
Crown	082, 087, 119, 134
CTX	056
Curtis	104
Curtis Mathes	070, 073, 075, 084, 089, 092, 102, 105, 112, 117, 118, 125, 127, 134, 135, 148, 153, 155
Daewoo	073, 074, 075, 079, 092, 104, 110, 112, 117, 134, 135, 140, 144
Dalian	006, 014, 016, 136
Daytron	073, 075, 092, 114, 117, 134, 140
Denon	145
Dimensia	070, 155
Dumont	073, 091
Electrohome	072, 073, 075, 080, 104, 105, 117, 134
Emerson	073, 075, 078, 081, 082, 083, 084, 092, 096, 103, 104, 105, 106, 108, 114, 117, 119, 125, 129, 130, 131, 134, 139, 144, 146
Envision	073, 075, 105, 112
Fisher	052, 084, 115, 123, 124, 133
Fujitsu	083
Funai	082, 083, 106, 108
GE	009, 066, 067, 070, 072, 073, 075, 085, 086, 104, 106, 110, 113, 116, 117, 125, 126, 127, 128, 134, 144, 149, 154, 155
Goldstar	073, 074, 075, 078, 080, 092, 104, 105, 109, 112, 117, 134, 135, 137
Gradiente	105, 122, 123
Granada	134
Grundig	126, 134
Hallmark	073, 075, 104
Harman Kardon	104
Hisense	151
Hitachi	041, 042, 058, 059, 068, 073, 075, 078, 101, 117, 126, 127, 131, 134, 140, 145
Infinity	087, 153
Janeil	094
JBL	087, 153
JC Penney	070, 073, 074, 075, 085, 086, 089, 092, 104, 112, 113, 125, 126, 127, 134, 149, 155

Jensen	073, 075, 105, 129
JVC	007, 010, 012, 031, 036, 078, 086, 103, 122, 125, 126
Kawasho	073, 075, 112, 123
Kenwood	073, 075, 080, 104, 105, 112, 116, 139
Kloss Novabeam	082, 094, 110
KTV	082, 092, 106, 108, 112, 117, 134
LG	074
Lloyds	137, 139
Loewe	087
Logik	071, 142
Luxman	073, 075
LXI	070, 075, 084, 087, 104, 118, 127, 149, 153, 155
Magnasonic	104, 105, 131, 140
Magnavox	017, 073, 075, 080, 087, 104, 105, 112, 114, 117, 118, 119, 126, 131, 153
Majestic	071
Marantz	073, 075, 087, 105, 112, 116, 117, 118, 153
Megatron	075
Memorex	071, 074, 075, 084, 104
MGA	073, 074, 075, 080, 105
Mitsubishi	049, 073, 074, 075, 080, 104, 105, 112, 117, 134
Montgomery Ward	071
Motorola	072, 093
MTC	073, 074, 075, 089, 104, 112, 118, 125, 140
Multitech	082
Multivision	088
NAD	075, 101
NEC	072, 073, 074, 075, 105, 112, 116, 117, 139
Nikko	075, 079, 140
Noblex	137
Onwa	082, 106
Optimus	101
Optonica	093
Orion	096, 130, 146
Panasonic	003, 011, 023, 032, 033, 034, 072, 086, 087, 108, 110, 113, 126, 127, 128, 140
Philco	072, 073, 074, 075, 078, 080, 087, 104, 105, 112, 114, 117, 118, 119, 131, 140, 145, 153
Philips	004, 005, 029, 030, 072, 073, 078, 080, 087, 118, 153
Pioneer	045, 073, 075, 101, 110, 111, 116, 117
Portland	073, 074, 075, 079, 092, 104, 112, 117, 134, 135
Price Club	089
Prima	135, 142, 152
Prism	086
Proscan	070, 127, 149, 154, 155
Proton	073, 075, 078, 104, 105, 117, 119, 127, 134, 138
Quasar	053, 063, 064, 072, 086, 110, 114, 126, 128
Radio Shack	084, 106, 108, 110, 118, 120, 124, 127, 132, 134, 155
Radio Shack/Realistic	070, 073, 075, 078, 082, 084, 092
RCA	008, 060, 065, 070, 072, 073, 074, 075, 080, 102, 106, 110, 111, 113, 116, 117, 125, 127, 128, 134, 148, 149, 154, 155
Realistic	084, 155
Runco	091

Sampo	039, 073, 075, 092, 110, 112, 117
Samsung	043, 048, 054, 057, 062, 073, 074, 075, 078, 080, 089, 092, 097, 104, 112, 117, 118, 125, 131, 134, 139
Sansui	022, 096, 120
Sanyo	073, 084, 115, 124
Sasho	020, 036
Scott	073, 075, 078, 082, 083, 106, 108, 117, 130, 134
Sears	070, 073, 075, 080, 083, 084, 095, 104, 106, 115, 118, 124, 127, 133, 134, 149, 153, 155
Sharp	013, 028, 035, 073, 075, 078, 092, 093, 120, 131, 132, 134, 139, 141
Signature	071
Signature 2000	115, 132
Sony	002, 018, 026, 098, 100, 121, 123, 134
Soundesign	073, 075, 082, 083, 104, 106, 117, 119, 129
Starlite	082
Supre-Macy	094
Sylvania	044, 046, 069, 073, 075, 080, 087, 104, 105, 112, 114, 117, 118, 119, 140, 153
Symphonic	081, 082, 095, 108
Tandy	093, 118
Tatung	072, 110, 138
Technics	086, 126, 128
Techwood	073, 075, 086, 105, 118
Teknika	071, 073, 074, 075, 078, 079, 082, 083, 089, 092, 106, 108, 112, 116, 117, 119, 134, 137, 140, 143, 153
Telecaption	090
Telefunken	139
Toshiba	006, 019, 021, 024, 025, 027, 084, 089, 090, 115, 125, 133, 150
Totevision	092, 127
Ultra	140
Uniden	121
Universal	085
Video Concepts	106
Vidikron	118, 153
Vistek	040, 048
Wallmart	055, 051, 107
Wards	070, 071, 073, 074, 075, 080, 081, 083, 085, 087, 104, 112, 113, 117, 118, 119, 120, 125, 127, 131, 153, 155
White Westinghouse	104, 112, 134, 135, 140, 144
Yamaha	073, 074, 075, 080, 112, 119, 139, 140
Zenith	055, 061, 071, 073, 091, 109, 121, 140

TV/DVD Combo

JVC	010, 011
Apex	015, 016
Sansui	022, 060
Toshiba	027, 042
Broksonic	037, 045
Aiwa	044, 047
Toshiba	011, 025, 040
Sylvania	032, 046, 072
Samsung	039, 062, 041

TV/VCR Combo

Action	102
Broksonic	023, 106, 038
Daewoo	014
Emerson	106
GE	040, 081, 087, 067
Goldstar	090
Hitachi	036, 037, 058, 059
JVC	019, 031
Panasonic	002, 020, 090, 011, 034
Philips	018, 029, 030
Precision	102
Quasar	090, 063, 064
RCA	012, 016, 060, 065
Realistic	105
Samsung	029, 035, 043, 057
Sharp	015, 028, 035
Sony	007, 026
Sylvania	030, 044
Toshiba	010, 024
Zenith	038, 090, 061
Panasonic	012

VCR

Admiral	073, 074, 101
Aiko	056
Aiwa	055
Akai	044, 045, 068, 069, 080, 093
Audiovox	051
Bell & Howell	048
Broksonic	023, 049
Calix	051
Canon	053, 054
Capehart	067, 083
Carver	060, 110
CCE	056, 059
Challenger	001, 023
Citizen	050, 051, 052, 056, 095
Colortyme	046, 096
Craig	050, 051, 059, 085, 090, 105
Curtis Mathes	043, 046, 050, 053, 054, 077, 079, 112
Daewoo	014, 052, 055, 056, 067, 083, 102
Daytron	067, 083, 102
Denon	088
Dimensia	043, 112
Dixon	013, 021, 036, 103
Electrohome	051, 090
Emerson	044, 049, 051, 052, 053, 055, 061, 069, 087, 090, 106
Fisher	048, 089, 105
Fuji	045, 053
Funai	055, 095
Garrard	055
GE	040, 043, 050, 053, 054, 070, 079, 112
Go Video	021, 024, 026, 028, 079, 081, 085, 086
Goldstar	046, 051, 079, 090, 092
Gradiente	055, 090
Harman Kardon	046, 110
Harwood	059
Hitachi	025, 036, 037, 057, 058, 065, 068, 070, 088
JBL	098
JC Penney	046, 047, 048, 049, 050, 051, 053, 054, 057, 058, 059, 060,

	065, 079, 085, 088, 090
Jensen	057, 058, 068
JVC	000, 019, 046, 047, 048, 068, 071, 087, 088
Kenwood	046, 047, 048, 068, 071, 077
KLH	059
Kodak	051, 053
LG	051
Lloyds	077, 095, 105
Logik	059, 085
LXI	051
Magnasonic	085, 090, 102
Magnavox	008, 053, 054, 060, 064, 085, 110
Marantz	046, 047, 048, 053, 060, 077, 092, 110
Matsushita	053
Memorex	033, 048, 050, 051, 053, 055, 064, 073, 074, 088, 090, 091, 097, 105
MGA	061, 069
MGN	079
Minolta	057, 058, 065, 088
Mitsubishi	003, 005, 006, 057, 058, 061, 069, 071, 090
Montgomery Ward	073, 074
Motorola	053, 073, 074
MTC	050, 085
Multitech	050, 055, 059
NEC	046, 047, 048, 068, 071, 077, 092
Nikko	051
Noblex	050
Olympus	053
Optimus	051, 073, 074, 090, 094
Optonica	062
Orion	087, 090, 106
Panasonic	002, 004, 009, 020, 053, 054, 066, 085, 105
Pentax	057, 058, 065, 070, 077, 088
Philco	053, 054, 060, 088, 106
Philips	017, 018, 053, 060, 062, 110
Pioneer	047, 057, 071, 075, 078, 104
Portland	067, 083
Proscan	043, 112
Proton	085
Quasar	053, 054
Radio Shack	051, 062, 074, 090
Radio Shack/Realistic	048, 050, 051, 053, 054, 055, 062, 073
Radix	051
RCA	012, 016, 043, 044, 050, 053, 057, 058, 065, 070, 078, 079, 088, 107, 108, 112
Realistic	048, 050, 051, 052, 053, 054, 055, 062, 073, 074, 079, 090, 094, 097, 105
Ricoh	072, 076
Runco	064
Samsung	029, 031, 035, 039, 050, 052, 079, 095
Sansui	047, 068, 071, 085
Sanyo	022, 048, 050, 089, 097, 105
Scott	049, 052, 061, 090
Sears	048, 051, 053, 057, 058, 065, 077, 088, 089, 090, 097, 105
Sharp	015, 062, 073, 074, 091, 094, 101
Shintom	045, 058, 059, 085
Signature	073, 074
Signature 2000	097, 101

Singer	053, 059, 072, 076, 085
Sony	007, 045, 063, 080, 082, 084, 098, 099
STS	053, 065
Sylvania	030, 032, 053, 054, 055, 060, 061, 110
Symphonic	055, 077, 095, 105
Tandy	048
Tashiko	051
Tatung	068
Teac	055, 068, 107
Technics	053, 066
Teknika	051, 053, 055, 090
Toshiba	010, 011, 052, 057, 061, 069, 100, 102, 105, 109
Totevision	050, 051, 090
Unitec	095
Unitech	050
Vector Research	046, 047, 052, 077
Video Concepts	046, 047, 052, 069, 077
Wards	050, 051, 052, 053, 055, 057, 058, 059, 062, 065, 073, 074, 079, 090, 091, 094, 105, 108, 110
White Westinghouse	095
XR-1000	053, 055, 059
Yamaha	046, 047, 048, 068, 077
Zenith	027, 038, 045, 064, 072, 076, 093