USER MANUAL BW-0561-RD

Congratulations!
Your TEK PARTNER™ Universal Remote
Control is a state-of-the-art device that integrates many different infrared remote controls. (NOTE: The TEK PARTNER™ is not compatible with UHF (RF) controlled devices.)

The TEK PARTNER™ is pre-programmed at the factory, but you will need to enter a Device Code for each device to complete the program. Simply enter correct device codes for your equipment and your TEK PARTNER™ is ready to use! A Device Code List is included in this User's Manual.

The TEK PARTNER™ replaces up to 5 separate remote controls to operate your infrared controlled television (TV), video cassette recorder (VCR), cable box (CBL), digital video disc (DVD) or satellite receiver (SAT).

SPECIFICATIONS

Operating System: Pre-programmed infrared remote control system.
Compatibility: Replaces most brands of infrared remote controls for TVs, VCRs, Cable, DVD systems and Satellite systems
.
Power Requirement: 4 AA size batteries, alkaline recommended.
Size: 5-1/2"W x 8-1/2"L x 2-1/2"H

FEATURES

TV, VCR, CABLE, DVD and SATELLITE. Simply press the desired DEVICE MODE button (TV, VCR, CBL,DVD or SAT) once to select the operation MODE. **CODE NUMBER ENTRY.** The ability to easily select the TV, VCR, CABLE, DVD or SATELLITE device you wish to control.
CODE NUMBER RECALL. The ability to display the code number of the currently selected TV, VCR, CBL, DVD or SAT device on the status indicator light. **POWER SCAN.** The ability to search through the TV, VCR, CBL, DVD or SAT code library for a code that will operate the your device. POWER SCAN **MODEL CHECK.** Expands the ability of regular Power Scan by allowing the user to remain in scan mode and test any valid button for the TV, VCR, CBL, DVD or SAT device being scanned.
MASTER POWER. The ability to turn on/ off all TV, VCR, CBL, DVD or SAT devices at the same time upon press and release of the POWER button. This feature is user programmable to be enabled or disabled.
VOLUME PUNCH -THROUGH. You can control the volume of your TV when you are in another device mode. This feature is a user programmable selection

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<u>INSTALLING</u> <u>THE</u> <u>BATTERIES</u>

Your TEK PARTNER™ requires 4 fresh AA-size batteries (alkaline batteries recommended).
1. Remove the battery cover on the back of your TEK PARTNER™.
2. Observe the polarity of the batteries and the "+/-" marks inside the battery compartment.
3. Insert the batteries.
4. Push the battery cover back in place.
NOTE: ■ When all batteries are disconnected, the TEK PARTNER™ retains it's settings for a few hours. Should you fail to replace the batteries in time, you may have to re-program. Always write down your codes, just in case...
There are 5 Device Modes (TV, VCR, CBL, DVD and SAT) in your TEK PARTNER™. You may setup the TEK PARTNER™ by using device codes or by using power scan (searching) instructions.

Important- If you are programming a TV/VCR Combo, try VCR codes first!

USING DEVICE CODES

> At-A-Glance:
> MODE (3 sec) → digit → digit → digit
> (e.g. for a Zenith TV, press and hold "TV" button until LED starts blinking, **then** press and release "0","6","9")

1. Manually turn on the device (e.g. your Television) you wish to control.
2. Referring to the DEVICE CODE LIST, look up the 3-digit Code Number that corresponds to the type and brand of your equipment. If there is more than one DEVICE CODE listed under your brand, try the first code with the following instructions:
3. Hold down the Device Mode Button (e.g. TV) on your Tek Partner until the status LED indicator (located under the "TV" button) begins to blink. (This takes about 3 seconds)
4. Enter the three digit code of the DEVICE from step "l" above. Upon entry of the third digit, the status indicator will blink a confirmation (3 blinks) if the code was accepted, but will turn OFF immediately if the code was rejected.
5. Press the "PWR" button. The device should turn off. Then try the other functions on the TEK PARTNER™. If your device responds to your requested function correctly, you have entered the correct Code. Otherwise, repeat the above setup instructions with the remaining Device Codes until your device (e.g. TV) responds to your requested function.

Simply repeat the above procedures to enter the Device Codes for your VCR, CBL, DVD or SAT - (Remember to press a correct Device Mode Button TV, VCR, CBL, DVD or SAT in step 2 above).

NOTES:
■ If you cannot find a correct Device Code for your equipment, see USING POWER SCAN (searching) section .

■ **It is highly recommended, for future reference, to write down your Device Codes on the bottom label of your TEK PARTNER™.**

USING POWER SCAN (SEARCHING)

> At-A-Glance:
> MODE (3 sec) → POWER → Blue ARROW UP(▲) or Blue ARROW DOWN(▼) → ENTER

If you cannot identify a correct Device Code for your equipment from the Device Code List, you may try the **POWER SCAN** method.

1. Manually turn on the device you wish to scan for (e.g. TV)
2. Perform Power **Scan by pressing and holding (approximately 3 seconds)** the desired DEVICE MODE button TV, VCR, CBL, DVD or SAT until the status indicator light begins to blink.
3. **Press and release** the PWR (power) button. The status indicator light will stop blinking and stay ON at this point.
4. **Press and release** slowly and patiently the blue UP (▲) button to scan forward through the code database. To scan backward through the code database, press and release the blue DOWN (▼) button. Each time you press the up or down arrow, the remote will try and turn off the device (TV, VCR etc) you originally selected.
5. When the device (TV,VCR etc.) responds by shutting off, press the ENTER button. This will store the code in memory and you will see three blinks of the status indicator light to confirm the code input. **Be patient, there are over 100 codes to search through.**

NOTE:
■ Power Scan Model Check is the same as Power Scan, however, other keys may be tested to see if they work with the target device without leaving the scan feature. If the device responds to the other keys pressed, then the current ID will be locked in by pressing the ENTER button. Otherwise, scanning may be continued by pressing either the blue ARROW UP (▲) or blue ARROW DOWN(▼) buttons.

> At-A-Glance:
> MODE (3 sec) → POWER → ARROW UP(▲) or ARROW DOWN(▼) → ANY VALID KEY or (ARROW UP (▲) or ARROW DOWN (▼) ENTER

USING ID RECALL

> At-A-Glance:
> MODE (3 sec) → PREV CH

1. To see the Code of a device, press and hold the DEVICE MODE button (TV, VCR, CBL, DVD or SAT) of the selected device until the status indicator begins to blink (approx. 3 seconds).

2. Press the PREV CH button. Upon release of the PREV CH button, the status indicator will blink the l00's, l0's and l's of the device's code.

3. Count the number of blinks to determine the code. A '0' in any location is represented by a fast flicker of the status indicator. An code of 102 will be shown as BLINK <pause> FLICKER <pause> BLINK, BLINK .

SETTING PUNCH-THROUGH

> At-A-Glance:
> CBL or SAT MODE (3 sec) → CBL or SAT (hold) → TV

NOTE: By setting punch-through in CBL or SAT Mode, the TV's volume up/down controls will be accessed by the TEK PARTNER™ when in the CBL or SAT Mode.

1. Press and hold the CBL or SAT MODE button until the status indicator begins to blink (approx. 3 sec.). Release the Device Mode button.

2. Press and hold the DEVICE button (CBL or SAT) and press the TV button. The status indicator will blink a confirmation sequence of 2 blinks.

ENABLING MASTER POWER

At-A-Glance:
ANY DEVICE MODE (3 sec) → POWER → POWER

1. The Master Power feature is disabled as the default. To enable Master Power, press and hold any DEVICE MODE button TV, VCR, CBL, DVD or SAT until the status indicator begins to blink (approx. 3 sec.).

2. Press and release the PWR (power) button twice. The status indicator will blink a confirmation (2 blinks) that Master Power has been enabled.

3. Repeat the process to disable the Master Power feature.

NOTE:

■ With Master Power enabled, the remote will send the power code plus 2 additional power codes for each TV, VCR, CBL, DVD or SAT, in that order. All of the devices should be within the remote's operating range so they can receive their power code.

OPERATING THE TEK PARTNER™

Normal Operation Once you have set up the TEK PARTNER™ for your equipment, it works like your original remote controls. To operate, just aim it at your equipment, press an appropriate Device Mode Button and then command the desired function by pressing a corresponding button on the TEK PARTNER™. The indicator turns on during signal transmission and as confirmation of button touch. At your button touch, the TEK PARTNER™ illuminates the keypad for 5 seconds. You will see the keypad clearly even when you are in a dimly lit area.

CARE & MAINTENANCE

1. Do not expose your TEK PARTNER™ to direct sunlight, high temperature, mechanical shock, or liquids.

2. Do not use old and new batteries together as old batteries tend to leak.

3. Do not use corrosive or abrasive cleansers on your TEK PARTNER™.

4. Keep the unit dust free by wiping it with a soft, dry cloth.

5. Do not disassemble your TEK PARTNER™, it contains no user-serviceable parts.

TV CODES

AIWA 126
ADMIRAL 069 192
ADVENT 241
AKAI 001 160
AMPRO 070
ANAM 045 055 057 076 095 106 109 112
AOC 001
APEX 216
BELL&HOWELL 069
BROKSONIC 091 255
CANDLE 001 002 003
CENTURION 038 170
CETRONIC 045
CITIZEN 001 002 003 045 092
CLASSIC 045
CONTEC 045 052
CORANDO 172
CRAIG 045 049 055 157
CROWN 045
CURTIS MATHES 001 092
CXC 045
DAEWOO 022 023 045 046 056 068 102 108 111 114 116 118 119 127
DYNASTY 045
DYNATECH 063
ELECTROHOME 167
EMERSON 001 029 033 045 048 049 052 091 139 141 157 162 214
ENVISION 001
FISHER 058
FUNAI 033 045
FUTURETECH 045
GATEWAY 017
GE 001 015 057 070 071 121 133 141 145 163 199
GOLDSTAR (LG) 101 104 110 113 118
GRADIENTE 238
HARMAN KARDON 201
HITACHI 001 015 016 018 029 043 072 147 204 207 226
INFINITY 247
INKEL 120
JBL 247
JCPENNY 001 015 035 092 145
JENSEN 019
JVC 040 079 251
KAWASHO 173

TV CODES cont'd

KEC 045
KENWOOD 001
KLOSS 002 060
KTV 001 045 162 248
LLOYTRON 172 173
LODGENET 069
LOEWE 247
LOGIK 069
LXI 145 247
MAGNAVOX 001 003 005 010 030 041 059 060 061 064 065 118 145 210 225 247
MAJESTIC 069
MARANTZ 001 167 247
MEMOREX 053 069
MGA 001 033 044 167
MIDLAND 199
MITSUBISHI 001 011 033 039 042 044 100 154 160 167 168
MOTOROLA 237
MTC 001
NAD 031
NATIONAL 177 178 179 180 181 182
NEC 001 022 025 042 057 121 125
NIKEI 045
ONKING 045
ONWA 045
OPTIMUS 031
OPTONICA 025
ORION 091
PANASONIC 008 057 076 087 149 247 248 249 250 252
PENNEY 199
PHILCO 001 003 045 057 060 061 064 065 118
PHILIPS 001 003 040 060 088 145 231 232 233 234 235 236 247
PIONEER 001 024 029 031 032
PROSCAN 133
QUASAR 034 057 087 227 232 248
RADIO SHACK 025 045 048 118 163 196 198
RCA 001 007 029 057 071 133 145 155 161 163 199 205 206 222

TV CODES cont'd

REALISTIC 025 045 048 163 196
SAA 183
SAMPO 001
SAMSUNG 001 085 092 096 104 118 124 145 156
SANSUI 091
SANYO 026 037 038 041 054 058 078
SCOTT 033 045 049
SEARS 033 035 058 078 092 145
SHARP 025 028 033 154 253
SIGNATURE 069
SONY 004 012 043 117 194 230 245
SOUNDESIGN 003 033 045
SSS 045
SUPREMACY 002
SYLVANIA 001 003 009 027 060 061 064 065 118 145 150 240 247 254
SYMPHONIC 184
TATUNG 057 063
TECHNICS 080
TEKNIKA 001 002 003 033 036 045 069 092 167
TELEFUNKEN 047
TELERENT 069
THOMSON 190 191
TOSHIBA 013 035 042 052 063 092 202 246
UNIVERSAL 015
VIDEO CONCEPTS 160
WARDS 015 025 033 061 064 065 069 071 247
YAMAHA 001
YUPITERU 045
ZENITH 069 070 090

VCR CODES

AIWA 040
AKAI 048 050 109
AMPRO 076
AMSTRAD 133
ANAM 037 039 089
ASA 134
AUDIO DYNAMICS 018 029 044 048

BROKSONIC 005 041 043 110 166
CANDLE 134
CANON 034 037 039 140
CAPEHART 094
CITIZEN 134
CRAIG 003 116
CURTIS MATHES 037 039
DAEWOO 012 014 094 096 098 102
DAYTRON 094
DBX 018 029 044 048
DUAL 136
DYNATECH 040 057 179
ELECTROHOME 063
EMERSON 033 037 040 041 042 043 050 110 112 171 182 183 184 186 191 193 195
FERGUSON 136
FISHER 003 016 142
FINLUX 133
FUNAI 040 133
GE 037 039 067 076 093 095 124 127
GO VIDEO 113 117
GOLDSTAR(LG) 011 018 026 092 I00 107
GRAETZ 136
HARMAN KARDON 018 049
HITACHI 011 040 048 067 118
INSTANTREPLAY 037 039
ITT 136
JCL 037 039
JCPENNY 011 018 039
JENSEN 048
JVC 018 037 039 048 052 054 059 111 132
KENWOOD 020 044 048 052
LLOYD 040
LXI 011 020 040
MAGNAVOX 037 039 040 071 072
MARANTZ 018 037 039 071 073
MATSUI 033 036
MEI 037 039
MEMOREX 003 008 009 010 020 037 039 040 057 076 115
MGA 049 050 063
MINOLTA 011 026

MITSUBISHI 011 026 032 049 050 053 055 063 065 131 145 146
MOTOROLA 196 197
MTC 133
MULTITECH 030 040
NAD 139
NATIONAL 140
NEC 018 029 044 048 052
NORDMENDE 048
OPTIMUS 057
OPTONICA 057 058
ORION 005 166
PANASONIC 017 024 037 078 150 167 173 176 188 189 201 203 206 209
PENTAX 011 026 037 039 067
PHILCO 037 039 040 071
PHILIPS 037 039 040 058 071 075
PIONEER 011 018 027 052
PORTLAND 094
PROSCAN 121
PULSAR 076
QUARTZ 002 020
QUASAR 039 079 167
RADIO SHACK 003 007 020 057 093 133 134 137 140 142 152 153 158 160 161 167
RCA 006 011 026 039 066 067 093 095 124 127 157
REALISTIC 003 020 037 039 040 057 058 093 142 152 160
SABA 136
SALORA 020
SAMSUNG 004 038 090 091 093 095 098 106 109 207
SANSUI 005 048 052 116 166
SANYO 003 014 020 115
SCHAUB LORENZ 136
SCOTT 043 098 110 112
SEARS 003 011 016 020 026 037 047 142
SHARP 037 058 156 196 205
SHINTOM 030
SONY 003 016 037 056 060 061 082 187 196 199 202
SOUNDESIGN 040
STS 011
SYLVANIA 001 037 039 040 063 071 200 208

SYMPHONIC 040
TANDY 040
TASHICO 134
TATUNG 044 048
TEAC 040 044 048
TECHNICS 037 039
TEKNIKA 025 037 039 040
TELEFUNKEN 136
THOMAS 040
THOMSON 136
THORN 136
TOSHIBA 004 011 013 047 051 063 085 098 112 142 174 185 193 195 198
VECTOR RESEARCH 018
VICTOR 052
VIDEO CONCEPTS 018 040 050
WARDS 003 011 030 037 039 040 057 058 112
YAMAHA 018 040 044 048
ZENITH 005 040 052 060 076 083

CABLEBOX CODES

ABC 001 003 045 048 052 059 130
ALLEGRO 111
AMERICAST 212
ANTRONIX 021
ARCHER 012 014 021 031 112
BELCOR 113
CABLE STAR 033 113
CENTURION 092
CENTURY 014
CITIZEN 014 111
COLOUR VOICE 090
COMTRONICS 037
CONTEC 228
DIAMOND 030
DIGI 114
EAGLE 027 037 046 186
EASTERN 063 066 070 115
ELECTRICORD 039
EMERSON 112
GI 001 003 015 017 096 097 141
GC ELETRONICS 113
GE 076
GEMINI 015
GENERAL 210

CABLEBOX CODES cont'd

GENERAL INSTRUMENT 226 227
GOLD STAR(LG) 224
GOLDEN CHANNEL 037
GOODMIND 112
HAMLIN 055 056 061 099 100 101 117 152 175 207 208
HITACHI 001 061
HOSPITALITY 074 080
JASCO 111
JERROLD 001 002 003 015 016 017 073 096 097 140 141 162 166 167 210
MACOM 040 191
MAGNAVOX 017 019 068 082
MEMOREX 058
MOTOROLA 215 216
MOVIE TIME 039
NSC 044 075 190
OAK 023 059 196 197 223
PANASONIC 050 053 155 176 177 189 214 225
PANTHER 114
PARAGON 058
PHILIPS 013 019 020 027 085 090
PIONEER 001 041 057 119 147 148 171 209 217 219 224
POST NEWS WEEK 023
PRIMESTAR 162
PTS 018 054 075 076
PULSAR 058
QUASAR 058
RADIOSHACK 111 112 213
RCA 053 214
REALISTIC 012
REGAL 055 056 061 099 100 101 158 207
REGENCY 063 115
RUNCO 058
SAMSUNG 037 072 186 224
SCIENTIFIC ATLANTA 003 018 047 048 052 130 145 159 160 183 203 204
SIGNAL 037
SIGNATURE 001
SL MARX 037
SONY 098 229 231
SPRUCER 053 081 177 189
STARCOM 002 015 016 141 163

CABLEBOX CODES cont'd

STARGATE 015 037
SYLVANIA 071
TADIRAN 037
TANDY 024
TELECAPATION 028
TEXSCAN 036 071
TIMELESS 123
TOCOM 045 046 062 170 205 220
TOSHIBA 058
UNIKA 014 021 031
UNITED CABLE 059
UNIVERSAL 012 014 021 031 033 034 039 042 113
VIDEOWAY 124
VIEWSTAR 019 025 190
ZENITH 058 065 098 212 222

SATELLITES CODES

ALPHASTAR DSR 422
CHANNEL MASTER 317 320 321 361
CHAPARRAL 315 316 451
DIRECT TV 312
DRAKE 317 318 326 413
DX ANTENNA 331 352 369
ECHOSTAL 475
ECHOSTAR 309 319 322 380 395 396 463 467 475 477 483 484 490 493
ELECTRO HOME 392
FUJITSU 334
GENERAL ELECTRIC 474
GENERAL INSTRUMENT 301 303 311 323 365 403 454 468
HITACHI 372
HITACHI DBS 455
HOUSTON TRACKER 463 467
HUGHES 306 314 455 480 485 488
JANIEL 366
JERROLD 367 454 464 468
JERROLD PRIMESTAR 456
LEGEND 453
MACOM 317 365 370 371
MAGNAVOX 473
MEMOREX 453
MITUBISHI 372
NEXTWAVE 423
NORSAT 373 374
OPTIMUS 466

SAT CODES cont'd

PANASONIC 366 469
PANASONIC DBS 457
PHILIPS 305 375 480 485 487 488 492 494
PAC DSS 478
PRESIDENT 381 404
PRIMESTAR 412 454 464
RCA 307 308 310 465 474 481 482 491
RCA DSS 458 476
REALISTIC 325 349 377
SAMSUNG 313 422 489
SATELLITE SERVICE CO 331 335 341 353
SCIENTIFIC ATLANTA 339
SONY 304 405 486
STAR CHOICE DBS 459
SUPER GUIDE 327 423
TEECOM 330 333 390 391 409
TOSHIBA 302 426 462 470 473
UNIDEN 323 324 325 326 332 348 349 350 351 354 355 381 382 383 389 403 466
ZENITH 371 384 387 394 419 479

DVD CODES

APEX DIGITAL 216 233 239
CALIFORNIA AUDIO 176
CYBERHOME 001
DAEWOO 246
DENON 150 162 179 201 208
DVD-VIDEO 231
EMERSON 007
GE 196 197
GO VIDEO 002
GOLD STAR(LG) 198 211 219 226
GRADIENTE 228 229
HITACHI 193
HARMAN KARDON 148 149 186 220
JVC 192 199
KENWOOD 151 183 225
KLH 224
LOTTE 152
MAGNAVOX 169 212 234
MARANTZ 169 214
MITSUBISHI 172 202
NAD 217
ONKYO 200 207

DVD CODES cont'd
OPTIMUS 153 183
PANASONIC 163 171 179 181
184 189 203 205 238 240 343
PHILIPS 005 169 188 212
PIONEER 154 160 174 180
221 222
PROSCAN 173 196 197
PROCEED 215
RCA 159 173 196 197
RUNCO 165
SAMSUNG 002 003 168 195
209 210 241 244 245
SANYO 044 155 156 182
SHARP 161 166 183 204 230
SONY 156 167 178 187 191
206 223 232 242
SYLVANIA 006 235
TECHNICS 164
THOMPSON 196 197
TOSHIBA 169 181 185 190
200 213 227 236
YAMAHA 157 158 205 218
ZENITH 169 194 198 211 219
ZENITH DIVX 175

END OF CODE LISTING

TROUBLESHOOTING

Q. My TEK PARTNER™ does not work at all!
A. Check whether batteries are in good condition inserted properly and are in correct +/- polarity. See INSTALLING THE BATTERIES.
A. Make sure you have pressed the Device Mode Button TV VCR CBL or SAT before using any functions.

Q. If several Device Codes are listed for my device how can I select the correct Device Code?
A. To seek the Device Code for your device test the codes one by one until the device works properly.

Q. My equipment responds only to some of the commands.
A. You have set a code for which only some commands work properly but some do not. Try other codes until the buttons work properly. Make sure you have tried setup using DEVICE CODES and POWER SCAN (searching) instructions.

Q. My TEK PARTNER™ doesn't control the Volume on my TV from CBL/SAT modes.
A. You need to set the VOLUME PUNCH THROUGH. See SETTING PUNCH-THROUGH section of this manual.

** **NOTE: In order to include codes for many cable/satellite systems, certain buttons on your TEK PARTNER™, in CBL or SAT modes, will activate different functions than shown on the buttons. For a description of those button functions, refer to the BUTTON FUNCTION TABLE:**

BUTTON FUNCTION (CBL/SAT)	
BUTTON	FUNCTION**
PWR	POWER OFF/ON
VOL+/-	VOLUME +/-
CH+/-	CHANNEL +/-
MUTE	INFO/VIEW**
PREV CH	LAST CHAN/RECALL**
ENTER	ENTER/SELECT**
MENU	MENU
PLAY	ARROW UP (▲)
STOP	EXIT**
PAUSE	GUIDE**
REW	ARROW LEFT (◄)
FF	ARROW DOWN (▼)
REC	ARROW RIGHT (►)
TV/VCR	TV /VCR / SAT) MODES**
CBL	CABLE MODE
SAT	SATELLITE MODE
O - 9	O - 9