TEK PARTNER™ PLUS
UNIVERSAL REMOTE CONTROL
USER MANUAL

Congratulations!
Your TEK PARTNER™ Universal Remote Control is a state-of-the-art device which 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 4 separate remote controls to operate your infrared controlled television (TV), video cassette recorder (VCR), cable box (CBL), and satellite receiver (SAT).

The TEK PARTNER™ has the following features:

TV, VCR, CABLE, and SATELLITE MODES. Simply press the desired DEVICE MODE button (TV, VCR CBL, or SAT) once to select the operation MODE.

ID ENTRY. The ability to easily select the TV/VCR/CBL/SAT devices you wish to control.

ID RECALL. The ability to display the ID of the currently selected TV/VCR/CBL/SAT device on the status indicator light.

POWER SCAN. The ability to search through the TV/VCR/CBL/SAT codes for a code that operates the TV/VCR/CBL/SAT 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/SAT device being scanned.

MASTER POWER. The ability to turn on/off all TV/VCR/CBL/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. In CBL or SAT MODE allows the volume to be controlled by either the TV or the CBL or SAT. This feature is a user programmable selection.

COUCH MODE™. A feature that turns off the remote if a key is pressed for longer than approx. 3 minutes, like when the remote is stuck in the couch. This conserves battery power until the key is released. This feature is not user programmable.

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INSTALLING THE BATTERIES
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 its setting for a few hours. Should you fail to replace the batteries in time, you may have to re-program your TEK PARTNER™. See SETTING UP YOUR TEK PARTNER™ section.

BUTTON FUNCTION
(TV/VCR MODE)
BUTTON FUNCTION
PWR POWER OFF/ON
VOL+/- VOLUME +/-
CH+/- CHANNEL +/-
MUTE SOUND OFF/ON
PREV CH LAST CHANNEL/RECALL
ENTER ENTER SELECTION
PLAY PLAY TAPE (VCR)
STOP STOP TAPE (VCR)
PAUSE PAUSE TAPE (VCR)
REW REWIND
FF FAST FORWARD
REC RECORD

TV/VCR SWITCH BETWEEN TV AND VCR (OR TV AND VIDEO) MODES

TV TV MODE
VCR VCR MODE
0 – 9 0 - 9

BUTTON FUNCTION
(CBL/SAT MODE)

BUTTON FUNCTION**

PWR POWER OFF/ON
VOL+/- VOLUME +/-
CH+/- CHANNEL +/-
MUTE INFO/VIEW**
PREV CH LAST CHANNEL/
RECALL**
ENTER ENTER/SELECT**
PLAY ARROW UP (^)
STOP EXIT**
PAUSE GUIDE**
REW ARROW LEFT (<)
FF ARROW DOWN
REC ARROW RIGHT (>)

TV/VCR SWITCH BETWEEN TV AND VCR (OR TV AND SAT) MODES**
CBL Cable MODE
SAT Satellite MODE
0 – 9 0 - 9
** NOTE: In order to include codes for as many cable/satellite systems as possible, certain buttons on your TEK PARTNER™ will activate different functions than described on the above list. For a detailed description of button functions, refer to the insert entitled BUTTON FUNCTIONS – DETAILED DESCRIPTION included with this User Manual. The insert is in "spreadsheet" form to make it easy to look up button functions for your specific device brand.

**SETTING UP YOUR
TEK PARTNER™**
There are 4 Device Modes (TV, VCR, CBL, & SAT) in your TEK PARTNER™. You may setup the TEK PARTNER™ by using device codes or by using power scan (searching) instructions.

USING DEVICE CODES
 At-A-Glance:
MODE (3 sec) > digit > digit > digit
(e.g. for a Zenith TV, press
"TV", "0", "0", "1")
1. Referring to the DEVICE CODE LIST, look up the 3-digit ID of the DEVICE CODE which corresponds to the brands and models of your video
equipment. If there is more than one DEVICE CODE listed under your
brand, try the first code with the following instructions:
2. Hold down the Device Mode Button (e.g. TV) until the status indicator (located to the left of the "1" button) begins to blink. (This takes about 3 seconds.
3. Enter the three digit ID of the DEVICE CODE from step "1" 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 if the code was rejected.
4. Try the functions on the TEK PARTNER™. If your device responds to your requested function correctly, you have entered the correct Device 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, & SAT -
(Remember to press a
correct Device Mode Button (TV, VCR CBL 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 > ARROW UP(^) or 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. To perform power code scanning, press and hold the desired DEVICE MODE button (TV, VCR, CBL or SAT) until the status indicator begins to blink (approximately 3 seconds).
2. Press and release the POWER button. The status indicator will stop
blinking and stay ON upon the entry of the POWER button.
3. Press and release the ARROW UP(Ù) button (PLAY button) to scan forward through the database or press and release the ARROW DOWN(Ú) button (FF button) to scan backwards through the database. Each press of the ARROW UP(Ù) or ARROW DOWN(Ú) button will send a power code.
4. When the (TV/VCR/CBL/SAT)
device responds to the power code, press the ENTER button to store the ID number for that code. Upon release of the ENTER button, the status indicator will blink a confirmation (3 blinks) to indicate the ID was accepted.

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 ARROW UP (^) or 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 ID of a device, press and hold the DEVICE MODE button (TV, VCR, CBL 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 100's, 10's and 1's of the device's ID.
3. Count the number of blinks to determine the ID. A '0' in any location is represented by a fast flicker of the status indicator. An ID 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 automatically 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 MODE button (CBL or SAT) and press the TV button. The status indicator will blink a confirmation sequence of 3 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 or SAT) until the status indicator begins to blink (approx. 3 sec.).
2. Press and release the POWER button twice. The status indicator will blink a confirmation (3 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 frames of repeat code for each of the SAT, CBL, TV, and VCR, 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, your TEK PARTNER™ illuminates the keypad for 5 seconds. You may see the keypad clearly even when you are operating your equipment 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.

TROUBLE SHOOTING
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 buttons work 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.

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

DEVICE CODE LIST

CODES FOR TV's

AOC 005 019 020 141 151 221

Admiral 018 210
Akai 182 189 221
Amark 224 225
Amstrad 033
Anam 021 041 120 121
Anam National 211
Bell & Howell 018
CXC 041
Candle 022 025 141 213
Centurion 192 194
Citizen 022 023 024 025 026 141 202 213 224
Concerto 213
Contec 041 185 227
Corando 224
Coronado 225
Craig 041
Curtis Mathes 018 059 141 192 194 202 210 224
Daewoo 005 029 030 031 032 214 215 224
Daytron 192 194 224
Electrohome 189 224
Emerson 023 033 034 035 036 037 038 039 041 122 136 187 203 204 205 221 222 224 225 227
Envision 141
Fisher 042 216 217
Funai 041 187
General Electric 003 043 044 138 139 195 206 207 210 211 228
Goldstar 005 045 046 194 213 221 224 225
Grundig 047
Hitachi 048 049 050 051 052 053 054 055 130 185 213 224 225
Infinity 183
JBL 183
JC Penney 005 096 141 194 206 207 210 221 224
JVC 057 058 059 060 186
Jensen 056
KMC 224 225
KTV 041 221 224 225
Kawasho 061
Kloss 110
LXI 063 095 105 152 194
Lloytron 224
Lodgenet 018
Logik 018
Logix 018
Luxman 213
MGA 005 071 141 187 189 192 194 221
MTC 005 141 202 213
Magnavox 000 017 020 025 027 028 066 067 068 110 140 141 142 143 144 145 146 148 150 183 192 194 224 225
Majestic 018
Marantz 068 110 141 189 221
Memorex 018
Mitsubishi 004 005 070 071 072 123 187 189 192 194 221
NEC 005 006 007 131 141 191 192 194 213 221
National 011 183 190 195 196 211
Panasonic 008 009 011 012 183 195 196 211
Philco 005 025 068 110 141 183 221 224 225
Philips 005 025 068 110 141 153 183 220 225
Pioneer 002 076
Portland 224 225
Proscan 210

Proton 013 221 224
Quasar 195 211
RCA 014 078 079 080 081 082 084 085 086 087 125 134 135 210 221
Radio Shack 041 157 194 224 229
Realistic 041 157 194 222 224 229
SAA 154
SSS 005 041
Sampo 141 192 194
Samsung 005 016 088 141 192 194 202 213 224 225 229
Sanyo 089 090 091 092 194 216 217
Scott 093 187 192 194 224
Sears 095 096 098 099 101 102 104 187 194 202 216 217 224 225
Sharp 026 105 132 157 200 224 225
Sony 000 109 180 182
Soundesign 025 221
Sylvania 025 068 110 112 141 183 192 194 229
Symphonic 155
TMK 213 221
Tandy 112 113
Tatung 211
Techwood 213
Teknika 005 018 022 025 041 114 115 183 187 189 202 213 224 225
Telerent 018 224
Thomson 116 156
Toshiba 017 095 096 117 118 133 201 202 216
Totevision 224
Universal 206 207
Vidtech 005
Wards 005 018 068 119 141 157 183 187 192 194 206 207 221 224
Yamaha 005
Yorx 192 194
Zenith 001

CODES FOR VCR's
ASA 056
Aiwa 202
Akai 008 014 015 017 018 019 020 198 200 210
Amstrad 214
Audio Dynamics 030 210
Broksonic 008 059 148 203
Candle 042 056 149
Cannon 042 145
Canon 184
Capehart 043
Citizen 056 092 195 215
Craig 044 082 195
Curtis Mathes 184
DBX 030 210
Daewoo 046 140 150 204 206
Daytron 206
Dual 210
Dynatech 151 189 214
Electrohome 056
Emerson 005 006 008 009 010 011 012 059 132 190 191 192 193 198 203 204 211 212 213 214
Ferguson 210
Finlux 214
Fisher 048 049 082 084
Funai 151 214
General Electric 050 051 052 053 133 145 152 184 194 195

Go Video 057 186
Goldstar 030 033 056 126
Graetz 210
Harman Kardon 030
Hitachi 021 036 037 038 040 041 094 095 210 214
ITT 210
Instant Replay 184
JC Penney 030 050 056 094
152 184 215
JCL 184
JVC 061 062 063 064 122 123 210
Jensen 060 210
Kenwood 062 081 210
LLoyd 214
MEI 184
MGA 056 183 211
MTC 195 214
Magnavox 050 065 076 111 130 134 135 136 137 138 139 140 141 142 143 144 145 151 184 216
Marantz 030 184 216
Marta 056
Memorex 056 066 184 214
Minolta 094
Mitsubishi 056 067 068 069 070 071 124 125 183 211
Multitech 214
NAD 153
NEC 030 031 032 062 081 100 102 103 104 126 127 128 210 215
National 184
Nordmende 210
Optonica 072
Panasonic 022 023 024 098 114 129 145 184
Pentax 094
Philco 184
Philips 154 155 184
Pioneer 062 073 074 075 076
Portland 206
Quasar 077 078 184
RCA 025 027 028 029 094 105 146 147 184 194 195 196
Radio Shack 056 081 082 084 184 188 189 195 214
Realistic 056 081 082 084 184 188 189 195 214
Ricoh 002
Saba 210
Saisho 212
Salora 183
Samsung 079 080 186 195 204
Sansui 062 210
Sanyo 044 049 081 082 083
Schaub Lorenz 210
Scott 140 183 204 212 213
Sears 048 056 081 082 084 094
Sharp 085 130 188 189
Sony 000 001 002 003 180
Sylvania 050 183 184 216
Symphonic 214
TMK 006 191
Tandy 082 084 085 109 110
Tashico 056
Tatung 086 210
Teac 210 214
Teknika 056 087 184 214

Telefunken 210
Thomson 210
Thorn 210
Toshiba 034 035 084 131 140 183 204 210
Totevision 056 195
Unitech 195
Vector Research 030 183 215
Video Concepts 215
Videosonic 195
Wards 056 089 090 151 156 184 188 189 195 214
Yamaha 030 210
Zenith 001 002 033 062 120

CODES FOR CABLEBOXES
Americast 128
Eagle 006
Eastern 007
General Instrument 000 001 008 050 052 053 055 114 120
Hamlin 088 089 090
Hitachi 008 053
Jerrold 000 001 008 050 052 053 055 114 120
Macom 044
Memorex 005
NSC 020
Oak 056 057 058 059
Panasonic 014 060 061
Pioneer 002 062 063 064 111
Pulsar 005
Radio Shack 131
Regal 088 089 090
Regency 007
SL-Marx 007
Samsung 006 065
Scientific Atlanta 003 004 066 067 068 069
Signal 006
Signature 008 053
Sprucer 014 060
Starcom 000 055
Stargate 007
Sylvania 072
Texscan 072
Tocom 073 074
Toshiba 005
Videoway 118
Viewstar 020
Zenith 005 118

CODES FOR SATELLITES
Alphastar 125
Echostar 113 119
General Instrument 121 122
Hitachi 124 129 130
Houston Tracker 113 119
Hughes 124 129 130
Jerrold 049 115 121 122
Magnavox 126
Panasonic 123
Primestar 049 115

RCA 116
Sony 112
Uniden 117