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## TEK PARTNER™ UNIVERSAL REMOTE CONTROL USER'S MANUAL

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**Congratulations!** Your TEK PARTNER™ Universal Remote Control is a state-of-the-art device which integrates many different infra-red remote controls. 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 infra-red controlled televisions (TVs), video cassette recorders (VCRs), and cable boxes (CBLs).

### HOW TO INSTALL 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 only for 15 minutes. Should you fail to replace new batteries in time, use a stylus or the tip of a pen to reset the unit. That reset button is located inside the battery compartment. You may now have to re-program your TEK PARTNER™. See SETTING UP YOUR TEK PARTNER™ section.

## MAIN FEATURES

### SETTING UP YOUR TEK PARTNER™

There are 4 Device Modes (TV, VCR, CBL, & AUX) in your TEK PARTNER™. You may setup the TEK PARTNER™ by the following code entering or searching instructions.

#### Setup by entering DEVICE CODE

Referring to the DEVICE CODE LIST, look up the 3-digit 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:

For example, entering your TV's code:

1. Hold down "PREV CH" and "ENTER" together for approximately 4 seconds until the status indicator (located to the left of the "1" button) lights up.
2. Press a desired Device Mode Button (e.g. "TV").
3. Use the number buttons to enter your 3-digit Device Code (from the Device Code List) for your TV. The indicator should go out immediately. NOTE: The status indicator will not blink while entering Device Codes in step 3 above.
4. Turn on your device (e.g. TV), try the functions on the TEK PARTNER™. If your device (e.g. TV) 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.
5. Simply repeat the above procedures to enter the Device Codes for your VCR & CBL - (Remember to press a correct Device Mode Button in step 2 above). NOTES:

- Any Device Codes can be entered into "CBL" & "AUX" modes. (i.e. The "CBL" & "AUX" modes can be used to control TVs and/or VCRs). Simply press the "CBL" or "AUX" Device Mode Button in step 2 above and enter your 3-digit Device Code for CBL or other devices.
- If the indicator flashes twice during the above procedure, a wrong Device Code has been entered. You are required to repeat steps 2 and 3 again.
- If you cannot find a correct Device Code for your equipment, see Setup by SEARCH THROUGH THE LIBRARY section.
- It is highly recommended, for future reference, to write down your Device Codes on the bottom label of your TEK PARTNER™.

### SEARCH THROUGH THE LIBRARY

If you cannot identify a correct Device Code for your equipment from the Device Code List, you may try the code search method.

For example: Turn on your device (e.g. TV).

1. Hold down "PREV CH" and "ENTER" together for approximately 4 seconds until the status indicator lights up.
2. Press a desired Device Mode Button (e.g. "TV").
3. Enter a following corresponding Magic Search Code, and your TEK PARTNER™ is now ready to start searching.  
 Magic Search Codes: TV: 990 VCR: 992 CBL: 994  
 For example, press... ("PREV CH" & "ENTER" ... "TV" ... 990)  
 To search: Aim your TEK PARTNER™ at the device (e.g. TV), press the "PWR" and 4. "VOL+" button alternately, repeatedly, slowly and patiently until the device turns off. (NOTE: There are approximately 70 TV codes, 55 VCR codes, and 55 Cablebox 5. codes.) Once your device has been turned off, immediately press the same Device Mode Button (e.g. TV) again to lock in the code and the indicator should go out. If the indicator flashes twice after pressing the "VOL+" Button, you are already at the last code of the library. You may press "VOL-" to search backward and repeat carefully the above procedures to search again. Simply repeat the above procedures to search the Device Codes for your VCR and CBL keys. (Remember to press a correct Device Mode Button in step 2 above).

NOTES:

- TV, VCR, and CBL Device Codes can be searched and locked into "CBL" & "AUX" modes. Simply press "CBL" or "AUX" Device Mode Button in step 2 and enter an appropriate Magic Search Code to start searching.
- Each time you press the "VOL+" button, the TEK PARTNER™ will skip to the next code. Then press the "PWR" button to send out a POWER signal trying to turn off your device.
- If you failed to stop pressing "VOL+" in time when your device has been turned off, turn on your device again immediately. Before the indicator goes out, press "VOL-" on the TEK PARTNER™ to skip backward. Repeat step 4 above and lock in the code.
- If the power on/off function of your device is not infra-red controlled, you need to follow step 1 thru 3 above and start searching: Press "VOL+" and another important function button alternately until your device responds to the expected function, press the same device mode button again to lock in the code. e.g. Press "VOL+" & "1" alternately, or; Press "VOL+" & "PLAY" alternately until the device responds.

#### 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 flashes during signal transmission and as confirmation of button touch. At your button touch, your TEK PARTNER™ illuminates the keypad for 4 seconds. You may see the keypad clearly even when you are operating your equipment in a dimly lit area.

##### PUNCH THROUGH

Punch through allows you to operate your TV's volume and mute functions and your VCR's 6 tape management functions without having to switch the device modes repeatedly even when your TEK PARTNER™ is in other operating modes.

##### 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.** If your device's main switch is turned off, the TEK PARTNER™ can not operate the device.

**A.** Check whether batteries are in good condition, inserted properly, and are in correct +/- polarity. See HOW TO INSTALL THE BATTERIES.

**A.** Make sure you have pressed the Device Mode Button 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.

**Q.** May I setup the TEK PARTNER™ to control more than one TV, VCR, and CBL at a time?

**A.** The TEK PARTNER™ can control more than one device of the same type by programming the device code in the CBL & AUX device modes (i.e. up to 3 TVs). See SETTING UP YOUR TEK PARTNER™.

#### SPECIFICATIONS

- Operating System: Pre-programmed infra-red remote control system.
- Compatibility: Replaces most brands of infra-red remote controls for TVs, VCRs, and CBLs.
- Power Requirement: 4 AA size batteries, alkaline recommended.
- Effective IR Range: 7.6m (25ft.), +/-25deg.
- Alkaline battery operating life: Normal operation - 1 year.
- Dimensions: 5-1/2"W x 8-1/2"L x 2-1/2"H

#### DEVICE CODE LIST

##### TV Brands

ADMIRAL 400 530  
 AKAI 160 240 550  
 AMARK 390 590  
 CRAIG 170  
 CURTIS MATHES 030 140 190 300 390 400 530 580  
 CXC 170  
 DAEWOO 180 340 380 390  
 DAYTRON 190 390 580  
 ELECTROHOME 160 390  
 EMERSON 020 110 150 170 240 280 330 390 470 590 650  
 ENVISION 300  
 FISHER 200 460  
 FUNAI 020 170  
 GE 010 040 290 400 420 630  
 GOLDSTAR 180 190 240 310 390 590  
 HITACHI 100 260 310 320 390 590  
 INFINITY 270  
 JBL 270  
 JVC 030 250 370  
 J.C. PENNEY 040 180 190 240 290 300 390 400 440 500 630  
 KLOSS NOVABEAM 490  
 KMC 390 590  
 KTV 170 240 390 590  
 LLOYTRON 390  
 LODGENET 530  
 LOGIK 530  
 LOGIX 530  
 LUXMAN 310  
 LXI 000 190 210  
 MAGNAVOX 080 120 130 190 270 300 390 450 490 580 590 630  
 MAJESTIC 530  
 MARANTZ 160 240 300 450 490  
 MEMOREX 530  
 MGA 020 160 180 190 230 240 300 580  
 MITSUBISHI 020 160 180 190 230 240 580  
 MITSUBISHI UNIFIED 160  
 MTC 140 180 300 310  
 NATIONAL 010 270 420 510 570 610  
 NEC 180 190 240 300 310 580 620  
 NEC UNIFIED 300  
 PANASONIC 010 270 420 510 570  
 PHILCO 080 120 130 180 240 270 300 390 450 490 540 590  
 PHILIPS 080 120 130 180 270 300 450 490 540 560 590  
 PORTLAND 390 590  
 PROTON 240 390  
 QUASAR 010 420  
 RADIO SHACK 070 170 190 390 410  
 RCA 090 180 240 500 600

RCA UNIFIED 400  
 REALISTIC 070 150 170 190 390 410  
 SAMPO 190 300 580  
 SAMSUNG 140 180 190 300 310 390 410 580 590  
 SANYO 190 200 430 460  
 SCOTT 020 190 390 580  
 SEARS 020 140 190 200 210 390 430 440 460 590  
 SHARP 000 050 070 390 590  
 SONY 350 550 640  
 SONY UNIFIED 350  
 SOUNDDESIGN 080 240  
 SSS 170 180  
 SYLVANIA 080 120 130 190 270 300 360 450 490 580 630  
 TATUNG 420  
 TECHWOOD 310  
 TEKNIKA 020 060 080 140 160 170 180 270 310 390 480 530 590  
 TELERENT 390 530  
 THOMSON (PROSCAN) 400  
 TMK 240 310  
 TOSHIBA 140 200 210 220 440  
 TOTEVISION 390  
 UNIVERSAL 040 290  
 VIDTECH 180  
 WARDS 020 040 070 120 130 180 190 240 270 290 300 390 450 530 580  
 YAMAHA 180  
 YORX 190 580  
 ZENITH UNIFIED 520

**VCR Brands**

AKAI 002 052 112 202 372 402  
 AMSTRAD 072  
 ASA 022  
 AUDIO DYNAMICS 202 292  
 AWAI 392  
 BROKSONIC 282  
 CANDLE 022  
 CANON 272  
 CITIZEN 022  
 CRAIG 092 182  
 CURTIS MATHES 272  
 DAEWOO 062 232 342  
 DAYTRON 232  
 DBX 202 292  
 DUAL 202  
 DYNATECH 072 142  
 ELECTROHOME 022  
 EMERSON 042 072 082 102 112 132 192 242 282 472 482  
 FERGUSON 202  
 FINLUX 072  
 FISHER 092 322 332  
 FUNAI 072  
 GE 182 272 422  
 GOLDSTAR 022 292  
 GRAETZ 202  
 HARMAN KARDON 292  
 HITACHI 032 072 202  
 INSTANT REPLAY 272  
 ITT 202  
 JCL 272

JENSEN 202  
 JVC 012 202 252  
 J.C. PENNEY 022 032 272 292 302  
 KENWOOD 202 252 312  
 LLOYD 072  
 MAGNAVOX 272 452  
 MARANTZ 272 292 452  
 MARTA 022  
 MEI 272  
 MEMOREX 022 072 272  
 MGA 022 192 212  
 MINOLTA 032  
 MITSUBISHI 022 192 212 442  
 MITSUBISHI UNIFIED 212  
 MTC 072 182  
 MULTITECH 072  
 NATIONAL 272  
 NEC 202 252 292 302  
 NORDMENDE 202  
 PANASONIC 272  
 PENTAX 032  
 PHILCO 272  
 PHILIPS 272  
 PIONEER 152  
 PIONEER UNIFIED 252  
 PORTLAND 232  
 QUASAR 272  
 RADIO SHACK 022 072 092 142 162 182 222 272 312  
 RCA 182 422 462 492 032 272  
 RCA UNIFIED 422  
 REALISTIC 022 072 092 142 162 182 222 272 312  
 SABA 202  
 SAISHO 242  
 SALORA 212  
 SAMSUNG 172 182 342 412  
 SANSUI 202 252  
 SANYO 092 312 382  
 SCHAUB LORENZ 202  
 SCOTT 132 212 242 342 482  
 SEARS 022 032 092 162 312 322 332  
 SHARP 142 222  
 SONY 122 262 352 362  
 SONY BETA/SONY VHS 122  
 SONY VHS 362  
 SONY VIDEO8 262  
 SYLVANIA 212 272 452  
 SYMPHONIC 072  
 TASHICO 022  
 TATUNG 202  
 TEAC 072 202  
 TEKNIKA 022 072 272 502  
 TELEFUNKEN 202  
 THOMSON 202  
 THORN 202  
 TMK 042  
 TOSHIBA 162 202 212 342  
 TOTEVISION 022 182  
 UNITECH 182  
 VECTOR RESEARCH 212 292 302

VIDEO CONCEPTS 302  
VIDEOSONIC 182  
WARDS 022 072 142 182 222 272  
YAMAHA 202 292  
ZENITH 432 122 262  
ZENITH BETA 122  
ZENITH UNIFIED 432

**Cable Box Brands**

ANVISION 104  
CABLESTAR 104  
DIAMOND 444  
DRAKE 144 284  
GEMINI 244 274 474 534  
GENERAL INSTRUMENTS 004 034 044 204  
G.I./JERROLD 004 014 024 034 044 204 234 244 354  
G.I./STARCOM 394  
HAMLIN 424 434 444  
HITACHI 414  
KALE VISION 474  
MACOM 304 324  
MACOM SATELLITE 184  
MAGNAVOX 054 104 124 344  
NSC 474  
OAK 294  
PANASONIC 334 494  
PARAGON (ZENITH) 454  
PHILIPS 054 104 124 134 174 214 254  
PIONEER 064 084 094  
PULSAR 484  
RANDTEK 104  
REALISTIC 504  
REGAL 444  
REGENCY 164  
REMBRANDT 474  
SAMSUNG 094 374 474  
SCIENTIFIC ATLANTA 074 524  
SPRUCER 494  
STANDARD COMPONENT 474  
STARCOM 014  
STARGATE 484  
SYLVANIA 114  
TOCOM 194  
TOSHIBA 184 264  
TRI-VISION 124 234 354 364 384  
UNIKA 154  
UNITED CABLE 014  
UNITED SATELLITE 224  
VIDEOWAY 314  
VIEWSTAR 054 104 124 134 174  
ZENITH 144 184 404 464  
ZENITH DRAKE SATELLITE 514