

Operating Instructions For 4 in 1 Cable Remote Control

UR4-EXP



Universal Remote Control, Inc.
www.universalremote.com
OCE-0005A Rev 03(06/03/02)

1 Introduction

The remote control is designed to operate the Scientific-Atlanta Explorer series and The Pioneer Voyager set top boxes. You can also control the majority of TV, VCR/DVD and AUDIO equipment on the market as shown below.

CABLE : Cable Converters
TV : Televisions **VCR :** VCRs and DVD
AUX : Audio Receivers, DMX, DCR, TIVO, etc.

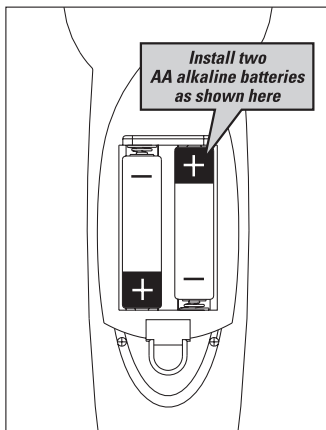
2 Replacing Batteries

Before you program or operate the remote control, you must install two new AA alkaline batteries.

STEP1 Remove the battery compartment cover on the back of your remote control.

STEP2 Check battery polarity carefully, and install the batteries as shown in the illustration below.

STEP3 Replace the battery compartment cover.



4 Operations

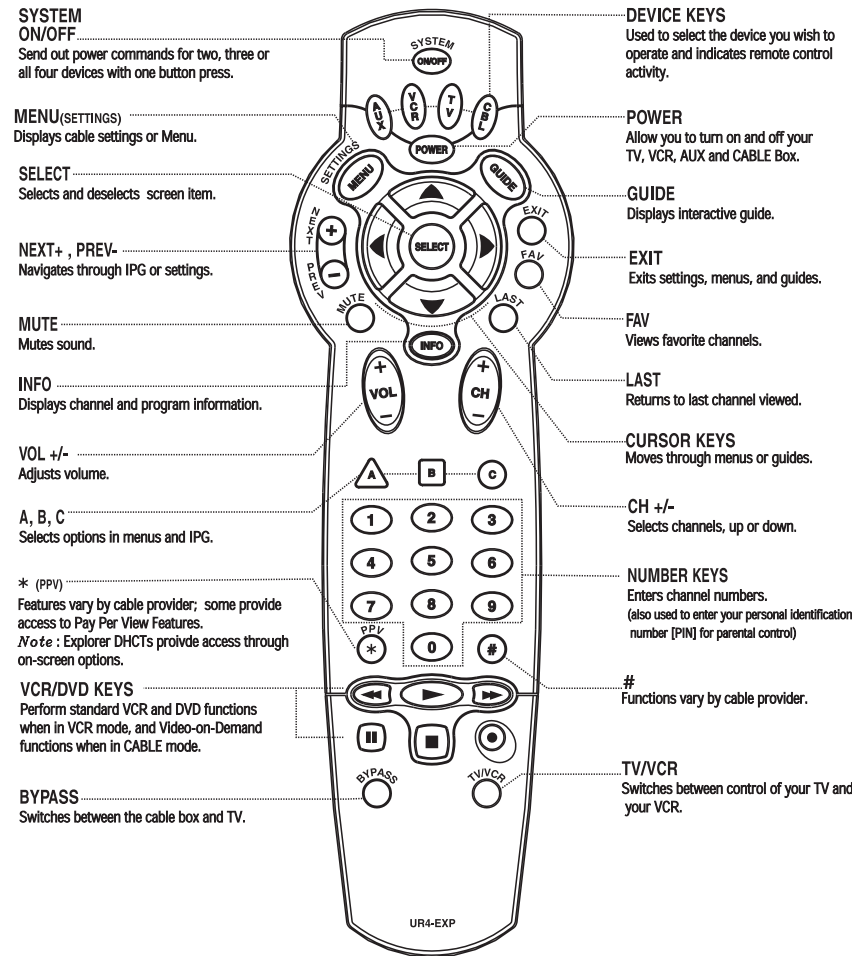
Default State:

Device Default: CABLE
Volume Default: TV volume and mute through the TV, with the option of controlling volume and mute through the Cable box or Audio. Refer to section **F** for programming the volume and mute through your Cable box or Audio.

System On/Off button:

This button is designed to send out power commands for two, three or all four devices with one button press. Please refer to section **E** for details.

3 Button Functions



5 Programming the Remote Control

A. Three-Digit Code Programming Method.

The remote control can be programmed by pressing in a three-digit code number that corresponds to particular manufacturers and brands of Audio/Video equipment. The three-digit code numbers are listed in the code table of the instruction manual.

STEP1 Turn on the equipment you wish to program. (TV, VCR, DVD or AUX)

STEP2 Press the [DEVICE] button (TV, VCR or AUX) to be programmed and [SELECT] button simultaneously for 3 seconds. The device LED will turn on indicating the unit is ready to be programmed.

***Tip:** The device LED will turn on for 20 seconds. The next step must be entered while the LED is on.

STEP3 Point the remote control toward the equipment and enter the three-digit code number assigned to your brand from the code tables.

***Tip:** The equipment will turn off when the correct three-digit code number has been entered. You can verify you have selected the correct code by pressing the [POWER] button, the equipment should turn on or turn off.

***Note:** If there is more than one three-digit number listed for your brand, try one code number at a time until your equipment turns off.

STEP4 Store the three-digit code number by pressing the same [DEVICE] button once again. The device LED will blink twice to confirm that the code has been stored.

***Note:** Try all the functions on the remote control. If any of the functions do not work as they should, repeat from Step 3 using the next three-digit code number from the same brand list.

B. Auto Search Method.

If the three-digit code numbers assigned to your brand do not turn off your equipment or the code tables do not list your brand, you can use the **Auto Search Method to find the correct three-digit code number for your equipment by the following steps:**

STEP1 Turn on the equipment you wish to operate.

STEP2 Press the [DEVICE] button (TV, VCR or AUX) to be programmed and the [SELECT] button simultaneously for 3 seconds. The device LED will turn on.

***Tip:** The device LED will turn on for 20 seconds. The next step must be entered while LED is on.

STEP3 Press the [CH+] or [CH-] button one at a time or keep it pressed. The remote will emit a series of power on/off commands. Release the [CH+] or [CH-] button as soon as the equipment turns off.

***Tip:** You can verify that you selected the correct code by pressing the [POWER] button. The equipment should either turn on or turn off.

STEP4 Press the same [DEVICE] button to store the code. The device LED will blink twice to confirm that the code has been stored.

C. To Find the Three Digit Code Number That was Stored in the Device.

STEP1 Press the [DEVICE] button (TV, VCR or AUX) you wish to verify and the [SELECT] button simultaneously for 3 seconds. The device LED will turn on.

***Tip:** The device LED will turn on for 20 seconds. The next step must be entered while the LED is on.

STEP2 Press the [INFO] button.

The device LED will blink number of times indicating the number of each digit of the code number. Each digit is separated by a 1 second interval of the LED being turned off.

Example : One blink, three blinks and eight blinks with an interval of 1 second of LED being turned off, indicates the code number 138.

Note : Ten blinks is equal to the number 0.

D. Programming a second TV to AUX Mode

STEP1 Press the [AUX] button to be programmed and the [SELECT] button simultaneously for 3 seconds. The [AUX] device LED will turn on.

***Tip:** The device LED will turn on for 20 seconds. The next step must be entered while the LED is on.

STEP2 Press the [TV] device button to pick up the TV code table.

STEP3 Point the remote control toward the equipment and enter the three-digit code number assigned to your TV brand from the code tables.

STEP4 Store the three-digit code number by pressing the [AUX] button once again. The device LED will blink twice to confirm that the code has been stored.

E. Programming the System On/Off Button.

This is designed to program the System On/Off button so that it can send out up to four power on/off commands with one button press.

STEP1 Press the [CBL] button.

STEP2 Press the [SYSTEM] button and the [SELECT] button simultaneously for 3 seconds. The [CBL] button will turn on for 20 seconds.

STEP3 Press the [DEVICE] button and the [POWER] button you wish to store in the System On/Off button and repeat this until you stored all the power commands into the System On/Off button.

STEP4 Press the [CH+] button to save the power commands you stored. The [CBL] button will blink twice to confirm the saving.

F. Programming Volume Control.

By following the steps below, the user can program the volume controls (Volume UP, Volume Down and MUTE) from one device to operate in another device mode. The default volume control settings on the remote control is as follows:

CBL : TV **TV :** TV
VCR : TV **AUX :** AUX

If you wish to store the CBL volume control in CBL mode, use the following steps.

STEP1 Press the [CBL] button and the [SELECT] button simultaneously for 3 seconds. The [CBL] device LED will turn on.

***Tip:** The device LED will turn on for 20 seconds. The next step must be entered while the LED is on.

STEP2 Press the [VOL +] button.

STEP3 Press the [CBL] button. The device LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the TV volume control in CBL mode, repeat the above steps by pressing [TV] in **STEP3**.

G. Programming For Advanced Function.

In the CBL mode, the A, B and C buttons can be programmed to act as a macro or favorite channel button to send out up to 10 commands with one button press.

STEP1 Press the [CBL] button to select the CBL mode.

STEP2 Press the [A, B, or C] button and [SELECT] button simultaneously for 3 seconds. The [CBL] device LED will turn on for 20 seconds.

STEP3 Press up to 10 buttons you wish to store. The [CBL] device LED will blink once for each command entered.

(STEP4) Press the [CH+] button to store the functions that were selected. The [CBL] device LED will blink twice to confirm the storage of functions.

H. Low Battery Warning.

When the batteries are low and need to be replaced with fresh batteries, the remote control LED will blink 2 times in sequence whenever a [POWER] button is pressed to turn on equipment.

I. Memory Lock System.

This remote control is designed to retain programmed memory for 10 years even after batteries are removed from the remote control.

J. Write your device Set-up codes.

TV Set-up Code Number:
VCR Set-up Code Number:
AUX Set-up Code Number:

6 Set-up Code Tables

CABLE TV		
Remote	Converter	Code No
UR4-EXP	Scientific-Atlanta Explorer series, Pioneer Voyager	002

TV	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
ADMIRAL	072 081 160 161
AKAI	006 146
AMARK	112 143
AMPRO	073 167
ANAM	043 054 055 056 080 112
AOC	058 006 004 112
AUDIOVOX	076 103
CANDLE	006 002 003 004
CAPEHART	058
CETRONIC	043
CITIZEN	006 002 003 004 101 103 143
CLASSIC	043
CONCERTO	004
CONTEC	043 051
CORONADO	143
CRAIG	043 054 028
CROWN	043 143
CURTIS MATHES	006 004 101 143
CXC	043
DAEWOO	076 103 055 004 127 143 016 043 044 125 120
DAYTRON	004 143

TV	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
DWIN	161
DYNASTY	043
DYNATECH	062
ELECTROHOME	024 076 143
EMERSON	005 028 043 048 076 096 155 004 051 143 151 153 154
FISHER	007 057
FUJITSU	164
FUNAI	028 043
FUTURETECH	043
GE	006 073 130 144 160 161 004 008 009 034 056 074 091 155
GOLDSTAR/LG	004 106 119 110 112 113 127 143
HALL MARK	004
HITACHI	163 004 007 009 011 072 010 012 023 075 143 158
INFINITY	164
INKEL	129
JBL	164
JCPENNEY	004 006 008 024 030 065 101 143 156 160
JENSEN	013
JVC	038 001 034 083 206
KENWOOD	006 001
KLOSS	002 059
KTV	006 043 143 154
LODGENET	072
LOEWE	207
LOGIK	072
LUXMAN	004
LXI	007 015 052 081 160 164
MAGNAVOX	006 003 004 022 059 060 061 063 064 127 164 094 160
MARANTZ	164 006
MATSUI	164
MEMOREX	004 007 072
METZ	088
MGA	024 006 004 042
MINERVA	088
MITSUBISHI	109 024 042 004 040 146 028
MTC	006 004 062 101
NAD	015 025
NEC	006 130 134 040 056 007 019 024
NIKEI	043
ONKING	043
ONWA	043
OPTONICA	019 081
ORION	096 201 202 203 204 205
PANASONIC	034 056 080 164
PHILCO	006 003 004 024 056 059 060 063 064 127 143 164
PHILIPS	164 005 038 093 127 006 003 004 059
PIONEER	023 025 135 176 004 018 006
PORTLAND	004 143
PROSCAN	144 160 161 167
PROTON	004 058 143 171 173 193 112
QUASAR	034 056
RADIO SHACK	004 019 127 143 043

TV	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
RCA	160 161 144 156 065 006 004 023 024 056 074 152
REALISTIC	007 019
RUNCO	072 169 073 130 179 180 181
SAMPO	006 004 058
SAMSUNG	004 101 127 133 143 160 089 105
SANYO	007 053 057 082 020
SCOTT	004 005 028 043 048 143
SEARS	004 007 015 028 030 057 082 094 143 160
SELECO	189
SHARP	081 014 019 028 004 022 081 143 175
SIGNATURE	072
SONY	001 126 139
SOUNDESIGN	003 004 028 043
SPECTRICON	112
SSS	004 043
SUPRE MACY	002
SYLVANIA	006 003 059 060 063 064 127 160 164 044
SYMPHONICS	052
TANDY	081
TATUNG	056 062
TECHNICS	034 080
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 143
TELERENT	072
TERA	172
TMK	004
TOSHIBA	015 030 007 040 062 101
TOTEVISION	143
UNIVERSAL	008 009
VIDEO CONCEPTS	146
VIDIKRON	174 188
VIDTECH	004
WESTING HOUSE	076
WARDS	004 064 164 008 009 019 028 060 061 063 072 074 143
YAMAHA	004 006
YORK	004
YUPITERU	043
ZENITH	072 073 095 103 208
ZONDA	112

VCR & TV/VCR	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
AIWA	034 161
AKAI	043 046 124 146
AMPRO	072
ANAM	031 103
AUDIO DYNAMICS	012 023 043
BROKSONIC	035 037 129
CANON	028 031
CAPEHART	108
CRAIG	003 040 135
CURTIS MATHES	031 041
DAEWOO	005 108 111 117 017 065 007 010
DAYTRON	108

VCR & TV/VCR	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
DBX	012 023 043
DYNATECH	034 053
ELECTROHOME	059
EMERSON	006 029 035 037 129 153 017 025 027 031 034 036 046 101 131 138
FISHER	003 010 008 009
FUNAI	034
GE	031 072 144 147 063 107 109
GO VIDEO	132 155 040 136
GOLDSTAR/LG	101 004 012 020
HARMAN KARDON	012 045
HITACHI	004 026 034 043 063 137 150
HUGHES	004
INSTANTREPLAY	031
JCL	031
JCPENNEY	004 012 031 040 101
JENSEN	043
JVC	048 043 055 060 130 150 152 012 031
KENWOOD	034 150 014 048
LLOYD	034
LXI	003 009 017 034 101 004 106
MAGIN	040
MAGNAVOX	067 031 034 068 041 156 170
MARANTZ	067 069 012 031
MARTA	101
MATSUI	027 030
MEI	031
MEMOREX	040 101 003 014 031 034 053 072 134 139
MGA	045 046 059
MINOLTA	004 020
MITSUBISHI	059 061 051 004 046 020 045
MTC	034 040
MULTITECH	024 034
NEC	012 023 043 048
NORDMENDE	043
OPTONICA	053 054
PANASONIC	031 070 133 140 163
PENTAX	004 031 063 020
PHILCO	031 034 067
PHILIPS	031 034 054 067 101 150
PILOT	101
PIONEER	021 004 048
PORTLAND	108
PULSAR	072
QUARTZ	014
QUASAR	031 070 133 140 163 014
RADIO SHACK	123
RCA	107 109 144 041 031 004 020 034 040 140 147 158
REALISTIC	003 008 014 031 034 040 053 054 101 010
RICO	058
RUNCO	072
SALORA	014
SAMSUNG	040 017 107 109 113 115 124 122
SANSUI	043 135 048
SANYO	003 014 040 134

VCR & TV/VCR	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
SCOTT	017 037 129 131
SEARS	003 004 008 014 017 081 101 010
SHARP	053 031 054 159
SHINTOM	024
SONY	001 057 058 003 052 053 031 154 171 009
SOUNDESIGN	034
STS	004
SYLVANIA	031 034 059 067
SYMPHONIC	034
TANDY	034 010
TATUNG	043
TEAC	034 043
TECHNICS	031 070
TEKNIKA	031 034 101
THOMAS	034
TMK	006
TOSHIBA	017 131 004 008 059 082 150
TOTEVISION	040 101
UNITECH	040
VECTOR RESEARCH	012
VIDEO CONCEPTS	012 034 046
VIDEOSONIC	040
WARDS	003 004 017 024 031 034 040 053 054 131
YAMAHA	012 034 043
ZENITH	072 034 001 058 080 101 153 048

**Note : For TV/VCR combination unit, Please use following steps to operate the Volume control.*

(STEP1) Press the [CBL] button and the [SELECT] button simultaneously for 3 seconds. The [CBL] button will light on for 20 seconds.

(STEP2) Press the [VOL+] button.

(STEP3) Press the [VCR] button. The LED will blink twice to confirm the programming.

DVD(VCR)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
ALPINE	221
APEX DIGITAL	251 246
ARCAM	215
CYBERHOME	220
DAEWOO	220
DENON	226 241
GE	230 231
GOLDSTAR/LG	235 250
HARMAN KARDON	243
HITACHI	223
JVC	238

DVD(VCR)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
KENWOOD	216
MAGNAVOX	254 237
MARANTZ	253 242
MCINTOSH	217
MITSUBISHI	227
MYRYAD	224
NAD	247
NAKAMICHI	225
ONKYO	240
PANASONIC	228
PHILIPS	253 237 214
PIONEER	255 222 229
PROCEED	245
PROSCAN	230 231
RCA	230 231
SAMSUNG	236 248
SHARP	252
SONY	232 218
TATUNG	224
TOSHIBA	233 244 219
YAMAHA	249 234
ZENITH	250 234 235 239

AUDIO(AUX)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
ADC	200
ADCOM	072 082 092 161
AIWA	025 071 104 114 170 171 091 100
AKAI	139 093
AMC	125 126 127 128
ANGSTROM	142
ARCAM	141
AUDIO ACCESS	147
AUDIO ALCHEMY	135
AUDIO FILE	203
AUDIO MATRIX	077
AUDIO TECHNICA	134
B & K	096 097
BOSE	070 170 113
BRYSTON	015
CARVER	003 008 028 099 151 203 014 016 040 090
CASIO	204
CHIRO	140
CINEMA SOUND	084 134
CITATION	148
CLARION	026
CURTIS MATHES	204
DENON	084 151 155 188 056 119
ENLIGHTENED AUDIO	049 050
FISHER	151
FOSGATE AUDIONICS	062 148
GOLDSTAR/LG	072 006
HARMAN KARDON	153 148 162 060 066 115
HITACHI	020
INKEL	005
JCPENNEY	102 204

AUDIO(AUX)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
JENSEN	058
JVC	013 163 176
KENWOOD	005 026 057 166 095
KOSS	102
KRELL	150
KYOCERA	200
LEXICON	120 167 171 172
LUXMAN	035 137 139 165 004 029
LXI	204
MAGNAVOX	152 164 191 043
MARANTZ	028 048 063 191 090
MCINTOSH	173
MCS	204
MERIDIAN	009 051
MITSUBISHI	180
MONDIAL	022 023 042 073 075
NAD	048
NAKAMICHI	111 182 183 079 087
NEC	080
ONKYO	084 046 012 030 041 081 103 044
OPTIMUS	017 036 138 026
PANASONIC	007 088 129 130 132 195
PARASOUND	129 130 132
PHILIPS	063 188 189 191
PIONEER	084 039 045 054 069 078 168 128 158
PROCEED	144
QUASAR	007 088 129 130 132 195
RCA	010 067 117 156
REALISTIC	019 034 037 047
ROTEL	074 083 085
SAMSUNG	123
SANSUI	063 110 032 116
SANYO	151
SCOTT	019
SEARS	204
SHARP	026 057 094 175
SHERWOOD	024 038
SONY	001 011 055 187 053 112
SOUNDESIGN	036
SSI	068
TEAC	019 059 111 109
TECHNICS	076 088 122 193 080 098
THETA DIGITAL	065
TOSHIBA	033 112
YAMAHA	021 026 031 067 192 002 101 118
ZENITH	143 106

TIVO(AUX)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
PHILIPS	252
SONY	253

DMX & DCR(AUX)	
MAKER(BRAND)/NAME	CODE NUMBER (3 DIGIT) LIST
DMX-DJ	254
MAESTRO II	255