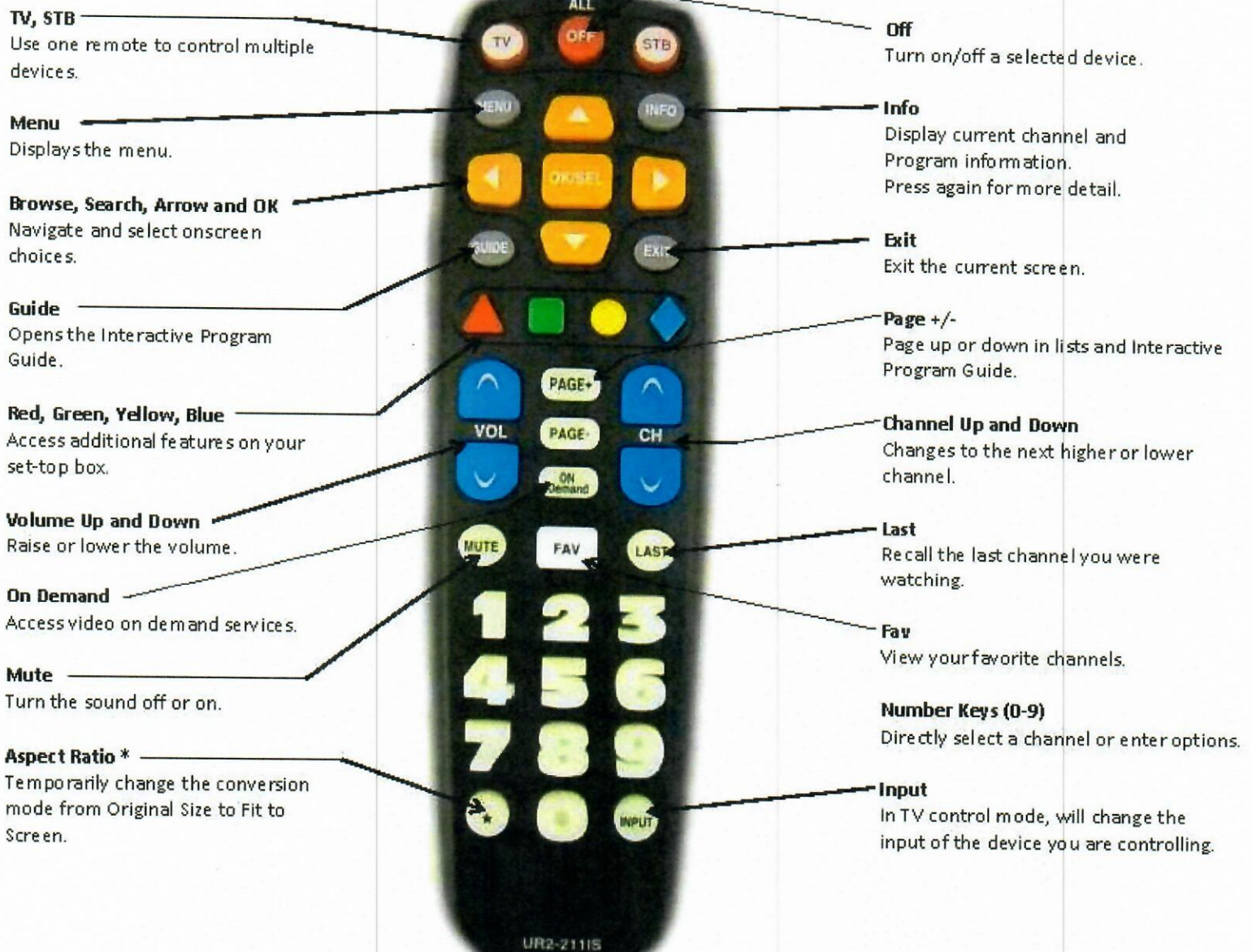


1 Introduction

This remote control is designed to operate most Digital, Analog Cable boxes, IPTV set top boxes and TVs.

2 Button Functions

CONTROLLING THE REMOTE



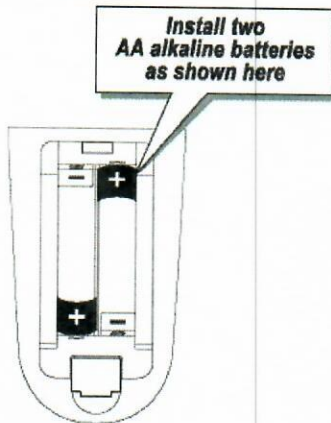
3 Replacing Batteries

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

STEP1 Remove the battery compartment cover from 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 Programming the Remote Control

***Note :** In this section, when you are instructed to press a [DEVICE] button, that means you should press either the CBL or TV button, depending on which device you are programming the remote to operate.

A. Quick Set-Up Method

(Refer to the Section 5 Quick Set-up table of codes)

STEP1 Turn on the equipment you want to program. To program your TV, turn on the TV.

Universal Remote Control, UR2-211

Innovative System's Big Button Remote Control

QUICK SET-UP CODE TABLES

CBL

Quick Number	Manufacturer/ Brand
0	PACE
1	SCIENTIFIC ATLANTA/CISCO PACE, SAMSUNG
2	MOTOROLA
3	AMINO 130/530
4	AT&T/SCIENTIFIC ATLANTA IPTV
5	CISCO IPTV
6	ADB
7	MOXI
8	AMINO 140/540
9	MOTOROLA IPTV

TV

Quick Number	Manufacturer/ Brand
0	SANYO
1	SONY
2	SANSUNG
3	LG
4	TOSHIBA
5	PANASONIC
6	PHILIPS
7	HITACHI
8	SHARP
9	VIZIO

SET-UP CODE TABLES

CBL-IPTV

Manufacturer/ Brand	Set-Up Code Number
ADB	254 255 315 259
AMINO	249 256 257

	260 261
AT&T	251
CISCO	002 251 316
COMCAST	002
ENTONE	155 258
MYRIO	254 255
MOTOROLA	253
NOW TV	314
PACE	002
SCIENTIFIC ATLANTA	251
WEGENER	250

CBL-CABLE Converters

Manufacturer/ Brand	Set-Up Code Number
SCIENTIFIC ATLANTA	003
PACE	001
MOTOROLA	001
CHANNEL MASTER	006
CISCO	003 005
DIGITAL STREAM	580
HOMECAST	004
MINERVA	178
MOXI	111
SUDDENLINK	579
TECHNICOLOR	002
THOMPSON	002 365

TV

Manufacturer/ Brand	Set-Up Code Number
ADMIRAL	072 081 160 161 096
ADVENT	147 224
AIWA	238 141 145
AKAI	031 070 146 004 148 124 226 104 108

	615
AKIO	103
ALARON	028
ALBATRON	253
AMARK	112 127
AMERICA ACTION	043
AMERICAN HIGH	236
AMPRO	073 167 245
ANAM	043 054 056 080 112 236
AOC	058 070 004 112 616
APEX	572
APEX DIGITAL	015 150 036 037
AQUAVISION	164
ASTAR	164
AUDIOVOX	076 103 043 035 224 228 078
AVION	223
AXION	043
BAYSONIC	043
BELL&HOWELL	072
BENQ	600
BRADFORD	043
BROKSONIC	231 252 096 170
BYDESIGN	254
CAIRN	162
CANDLE	070 002 003 004
CANON	236
CAPEHART	058
CARVER	164
CELEBRITY	001
CETRONIC	043
CINERAL	103 120
CITIZEN	070 002 003 004 101 103 127
CLASSIC	043
COBY	640 641

CONCERTO	004
CONTEC	043 051
CORONADO	127
CRAIG	043 054 028 239
CROSLEY	164
CROWN	043 127
CURTIS MATHES	070 004 101 127 236 011 072 081 120 164
CXC	043
DAEWOO	076 103 112 004 127 016 043 044 125 120 235 249
DAYTRON	004 127
DELL	004 041 164 618
DENON	011
DIGITAL LIFESTYLE	163
DIGITAL PROJECTION	570
DIGITAL RESEARCH	258
DIGITRON	101
DISNEY	096
DREAMVISION	090
DUMONT	004 073
DURABRAND	168
DWIN	131 132 161
DYNASTY	043
DYNATECH	062 238
DYNEX	096
ELECTROBAND	001
ELECTROGRAPH	220
ELECTROHOME	024 076 127
ELEMENT	004 110 622
EMERSON	005 028 043 048 076 096 155 004 051 127 151 153 154 231 236 238 247 252 168 121 514
ENVISION	070
EPSON	087 590
ESA	031 168
FISHER	007 057
FUJITSU	164 197 028 157 149 066

	217
FUNAI	028 043 238 052 168
FUSION	004
FUTURETECH	043
GATEWAY	165 031
GE	070 073 130 144 160 161 004 008 009 034 056 074 091 155 232 233 236 239 245 081 120
GEM	031
GIBRALTER	004 073
GO VIDEO	239
GOLDSTAR	004 106 112 127 247 250
GPX	256
GRUNPY	028 043
H&B	046
HAIER	004 116 623
HALLMARK	004
HANNSPREE	099
HARLEY DAVIDSON	028
HASPER	220
HARMAN KARDON	164
HARVARD	043
HISENSE	198 021 619 630
HITACHI	004 007 009 011 072 010 012 023 075 127 158 236 238 587 613 614
HP	027 039 098
HQ	238 046
HUMAX	122
HYPERION	609
HYUNDAI	049 067
ILO	055 096
INFINITY	164
INFOCUS	215 225 046 532 595
INKEL	129
INSIGNIA	068 069 078 096 100 164 168 229 026 454 604 617

INSTANTREPLAY	236
INTEQ	073
JBL	164
JCB	001
JCL	236
JCPENNY	004 008 024 030 065 070 101 127 160 156 234 236 239 247
JENSEN	013
JVC	038 001 034 083 195 236 242 159 227 581
KENWOOD	070 001 238
KLEGG	220
KLOSS	002 059
KONIKA	026
KREISEN	202
KTV	070 043 127 154
LG	004 106 112 127 247 250 569 598 698
LLOYD	238
LODGENET	072
LOEWE	196 164
LOGIK	072
LUXMAN	004
LXI	007 015 052 081 160 164 238
MAGIN	239
MAGNAVOX	070 003 004 022 059 060 061 063 064 127 164 094 160 056 236 238 243 205 028 138 168 035 211 077 050 218
MAJESTIC	072
MARANTZ	164 070 236 243 182 584
MARTA	247
MATSUI	164
MATSUSHITA	080
MAXENT	165
MEGAPOWER	253
MEGATRON	004

MEI	236
MEMOREX	004 007 072 234 236 238 245 247 028 096
METZ	088
MGA	024 070 004 042 239
MIDLAND	073
MINERVA	088
MINTEK	077
MINUTZ	008
MITSUBISHI	109 024 042 004 040 146 028 232 255 081 200 450 550
MONIVISION	253
MOTOROLA	081
MTC	070 004 062 101 238 239
MULTITECH	238 043
NAD	015 025
NEC	070 130 134 040 056 007 019 024 004 182 140 575 620 078
NEXUS	620 078
NIKEI	043
NIKKO	103
NIKO	175
NORCENT	211
NORWOOD MICRO	079
NTC	103
NUVISION	084 567 667
OLEVIA	219 004 161 144 160
ONKING	043
ONWA	043
OPTIMUS	080
OPTOMA	029 032
OPTONICA	019 081
ORION	096 201 203 204 205 231 252 028
PANASONIC	034 056 080 164 234 236 244 190 230 248 524 624 607

PENTAX	236
PHILCO	070 003 004 024 056 057 060 063 064 127 164 236 238 243
PHILIPS	164 005 038 093 127 070 003 004 059 236 238 243 247 199 218 144 161 594
PILOT	247
PIONEER	023 025 135 176 004 018 070 183 191 208 214 182
POLAROID	015 024 031 046 086 092 097 224 228 006 110 026 118 119
PORTLAND	004 127 103
PRISM	034
PRIMA	147 164
PROSCAN	144 160 161 167
PROTON	004 058 127 171 173 193 163
PROVIEW	110
PROX	572
PYLE	257
QUASAR	034 056 234 236 244 606
RADIO SHACK	004 019 127 043 250
RCA	160 161 144 156 065 070 004 023 024 056 074 152 232 233 236 238 239 081 588
REALISTIC	007 019 236 238 239 247
REVOLUTION HD	220
RICO	241
RUNCO	072 073 130 179 180 181 182 216 194

SABIO	161
SAMPO	070 004 058 165
SAMSUNG	004 101 128 133 160 089 105 070 237 239 184 185 192 461 578
SANSEI	120
SANSUI	238 252 096 615
SANYO	007 053 057 082 020 239
SCEPTRE	036
SCOTCH	004
SCOTT	004 005 028 043 048 127 113
SEARS	004 007 015 028 030 057 082 094 127 160 238 247 052 164
SELECO	189
SEMIVOX	043
SEMP	015
SHARP	081 014 019 028 004 022 127 236 251 496
SHERWOOD	129 128
SIGNATURE	072 238
SKYWORTH	164
SOLE	177 178
SONY	001 085 126 139 236 240 241 602 608
SOUNDESIGN	003 004 028 043 238
SOVA	004 169 174
SOYO	163
SPECTRICON	112
SPECTRONIQ	004
SQUAREVIEW	052
SSS	004 043
STARLITE	043
SUNBRITE	608 001 635
SUNBRITE TV	605
SUPERSCAN	168
SUPREMACY	002
SUPREME	001
SV2000	168

SVA	046
SYLVANIA	070 003 052 059 060 063 064 127 160 164 044 056 236 238 243 168 121 593
SYMPHONIC	052 238 168
SYNTAX OLEVIA	219 004 161 144 160
TANDY	081 238
TATUNG	056 062
TEAC	238
TECHNICS	034 080 236 244
TECHNOL ACE	028
TECHVIEW	234
TECHWOOD	004
TEKNIKA	002 003 004 024 028 043 072 101 127 103 236 238 247 164
TELEFUNKEN	615
TELERENT	072
TERA	172
THOMPSON	166
TNCI	073
TMK	004
TOSHIBA	015 030 007 040 062 101 142 137 045
TOTEVISION	127 239 247
TRUTECH	212
UNITECH	239
UNIVERSAL	008 009
VENTURER	004
VIDEO CONCEPTS	146 238
VIDEOSONIC	239
VIDIKRON	188 164 182
VIDTECH	004
VIEWSONIC	210
VIORE	055 592
VISCO	209 110
VITO	004
VIZIO	004 031 603 724 625
WARDS	004 064 164 008 009 019 028 060 061 063 072 074

	127 070 236 238 239
WESTINGHOUSE	076 036 221 222 001
WINBOOK	079
YAMAHA	004 070 238 206 207
YORK	004
YUPITERU	043
ZENITH	011 072 073 095 103 238 241 245 247 096
ZONDA	112

STEP2 Point the remote at the component and press and hold the [DEVICE] key for 3 seconds until the Device LED blinks off and turns back on. Continue holding the [DEVICE] key and press the numberkeys, one at a time, starting with 1, then 2, 3...0. Stop pressing the number keys when the device turns off.

STEP3 Release the [DEVICE] key to save the code. The Device LED will blink twice to confirm the code is stored.

Repeat the steps above for all components(STB, TV).

B. Manual Programming

The remote control can be programmed by entering a three-digit code number that corresponds to particular brands and models of equipment. The three-digit code numbers are listed in the code tables sections of this instruction manual.

STEP1 Turn on the equipment that you want the remote control to operate (Set Top Box or TV).

STEP2 Press the [DEVICE] button and the [OK/SEL] button simultaneously for 3 seconds. The corresponding device LED will turn on indicating that it is ready to be programmed. The LED will remain on for 30 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. If there are more than one three-digit number listed for your brand, try one code number at a time until your equipment turns off.

***Note:** You can verify that you have selected the correct code by pressing the [POWER] button. The equipment should turn back on. Then try all of the functions on the remote control (i.e. volume, mute, etc.) to ensure you have the correct code. If any of the functions do not operate as they should, repeat the instructions from STEP 3 above using the next three digit code number from the brand list.

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

C. Auto Search Method

If none of the three digit code numbers assigned to your brand of equipment works, or the code table does not list your brand, you can use the Auto Search Method to find the correct three-digit code number for your equipment by following steps:

STEP1 Turn on the equipment that you want the remote control to operate (Set Top Box or TV).

STEP2 Press the [DEVICE] button and the [OK/SEL] button simultaneously for 3 seconds. The device LED will turn on indicating that it is ready to be programmed. The LED will remain on for 30 seconds. The next step must be entered while the LED is on.

STEP3 Press the [CH5] or [CH6] button one at a time or keep it pressed. The remote will emit a series of Power ON/OFF code signals. Release the [CH5] or [CH6] button as soon as the equipment turns off.

***Note:** You can verify that you have selected the correct code by pressing the [POWER] button. The equipment should turn back on. Then try all of the functions on the remote control (i.e. volume, mute, etc.) to ensure you have the correct code. If any of the functions do not operate as they should, repeat the instructions from STEP 3 above to continue the Auto Search Method.

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

D. Programming the All Off Button

This allows you to program the All Off button so it can send up to two power On/Off commands with one button press.

STEP1 Press the [STB] button.

STEP2 Press the [All OFF] button and the [OK/SEL] button simultaneously for 3 seconds. The [STB] button will turn on for 30 seconds.

STEP3 Press the first [Device] button you want to store in the [ALL OFF] button and then the [POWER] button. Repeat

this for other Device until you have stored all the desired power commands into the [ALL OFF] button.

STEP4 Press the [CH5] button to save the power commands you stored. The [STB] button will blink twice to confirm the Device have been saved.

E. Programming for On Demand Button

The On Demand Button can be programmed to act as a 'Macro' or Favorite Channel button in CABLE mode. This allows you to program up to five 2-digit channels, four 3-digit channels or three 4-digit channels that can be accessed with one button press.

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

STEP2 Press the [On Demand Button] button and [OK/SEL] button simultaneously for 3 seconds. The [CBL] button will turn on for 30 seconds.

STEP3 Enter the the 2, 3 or 4-digit code for the channel you want programmed first (for example, 007) using the Number Pad, then press the [FAV] button. Then enter the code for the next channel (for example, 050), then press the [FAV] button. Repeat this process for the third channel. The [CBL] button will blink once for each channel entered.

STEP4 Press the [CH5] button to store the channels that were selected. The [CBL] button will blink twice to confirm the storage of commands.

F. Programming Volume Control

By default, the VOL+, VOL- and MUTE keys operate through your TV. If you would like those keys to operate those functions on a different device, follow these steps.

STEP1 Press the [OK/SEL] button and [STB] button simultaneously for 3 seconds. The device LED will turn on for 30 seconds. The next step must be performed while the LED is on.

STEP2 Press the [VOL+] button. The device LED will blink.

STEP3 Press the [DEVICE] button corresponding to the device that you would like the volume and mute buttons to control. The device LED will blink twice to confirm the programming.

***Note:** *If you wish to have the volume and mute keys operate your Set Top Box, press the [STB] button in Step 3.*

G. Programming Channel Control

By default, the CH-up, CH-down keys operate through your Set Top Box. If you would like those keys to operate those functions on a different device, follow these steps.

STEP1 Press the [OK/SEL] button and [STB] button simultaneously for 3 seconds. The device LED will turn on for 30 seconds. The next step must be performed while the LED is on.

STEP2 Press the [VOL-] button. The device LED will blink.

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

***Note:** *If you wish to have the channel keys operate your Set Top Box, press the [STB] button instead of the [TV] button in Step 3.*

H. Memory Lock System.

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

For additional information about your remote control, go to www.universalremote.com