

# Operating Instructions For UR2-DTA DTA Remote Control



Universal Remote Control, Inc.  
www.universlremote.com  
OCE-0089A REV 17 (14/12/19)

## 1 Introduction

The UR2-DTA is designed to operate the S/A, Pace Micro, Motorola and IPTV set tops, plus the majority of TV equipment on the market as shown below.

**DTA:** DTA boxes, IPTV set tops  
**TV:** Televisions

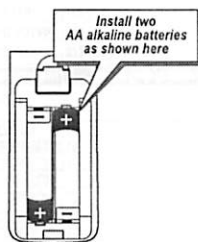
## 2 Replacing Batteries

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.

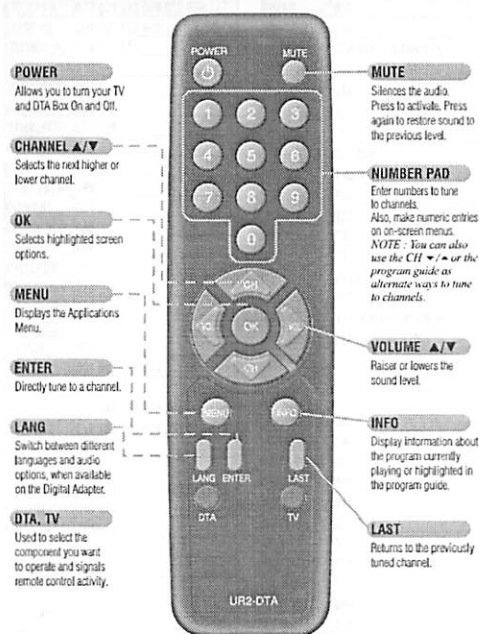
**STEP3** Replace the battery compartment cover.



## 3 Operations

**Volume Default:** TV volume and mute through The TV, with the option of controlling volume and mute through the Cable. Refer to Section F for programming the volume and mute through your Cable.

## 4 Button Functions



## 5 Programming the Remote Control

There are three ways you can program your remote:

- Quick Set-Up Method
- The Pre-Programmed 3-Digit Code Method
- The Auto-Search Method

The Quick Set-Up Method is a unique new feature that enables the fastest and easiest set-up by using one-digit codes for up to 10 major brands for each component.

The Pre-Programmed Code Method allows you to setup all the buttons at once by entering 3-digit code numbers that correspond to a particular Component's manufacturer/brand, so it's the fastest and easiest of the two methods. (Code Tables are on the backside of this Instruction Sheet.) The Auto-Search Method scans through all the codes in the remote control, one at a time.

### IMPORTANT SETUP NOTE!

This pertains to all programming steps. When you are in setup mode, a component LED will light for 20 seconds. If you do not press a button within 20 seconds, the LED light will turn off and exit setup mode and you will need to start over.

### A. Quick Set-Up Method

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

**STEP2** Press and hold the [DEVICE] key for 5 seconds until the POWER LED will blink once and stays on. Continue to hold the [DEVICE] key and press the number key assigned to your brand in the Quick Set-up Code Table and release both [DEVICE] key and the number key to save the code. The POWER LED will blink twice to confirm that the code is stored.

**STEP3** Point the remote control at the component.

**STEP4** Press the power button. If it turns off, it is programmed for your component. If it does not turn off, use the Pre-Programmed 3-Digit Code Method or Scanning Method.

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

### B. Quick Set-up Code Tables

Quick Number	Manufacturer/Brand
0	PACE DTA
1	SA/CISCO, SAMSUNG, PACE DIGITAL
2	MOTOROLA DIGITAL
3	MOTOROLA DTA
4	EVOLUTION DTA
5	CISCO IPTV
6	ADB IPTV
7	TECHNICOLOR
8	AMINO 140/540 IPTV
9	MOTOROLA IPTV

### TV

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

### C. Pre-Programmed 3-Digit Code Method

**STEP1** Turn on the Component you want to program (TV, DTA).

**STEP2** Press the [COMPONENT] button (TV or DTA) to be programmed and OK button simultaneously for 3 seconds. The POWER LED light will turn on for 20 seconds indicating the unit is ready to be programmed.

**STEP3** Point the remote control toward the Component and enter the 3-digit code number assigned to your brand.

*\*Note: If the 3-digit code number you just entered is correct, the Component will turn Off. If it did not turn Off, continue entering code numbers listed for that brand until the Component turns Off.*

**STEP4** After you've entered the correct code number and the Component has turned Off, press the [POWER] button to turn the Component back On. Now it is time to test the VOLUME and MUTE buttons for the TV to make sure they all work. If any of the functions do not work as they should, repeat from STEP 3 using the next 3-digit code number listed for that brand until you find the best code.

**STEP5** Once you have found the correct

3-digit code, save it by pressing the same [COMPONENT] button one more time. The POWER LED light will blink twice to confirm that the code was successfully stored.

### D. Auto-Search Method

**STEP1** Turn on the Component you want to program (TV, DTA).

**STEP2** Press the [COMPONENT] button (TV or DTA) to be programmed and OK button simultaneously for 3 seconds. The POWER LED light will turn on for 20 seconds indicating the unit is ready to be programmed.

**STEP3** Point the remote toward the Component and press the [CH +] or [CH -] button one step at a time or keep it pressed. The remote will emit a series of ON/OFF commands. Release the [CH +] or [CH -] button as soon as the Component turns Off.

**STEP4** Test functions. (Same as for 3-Digit Code Programming Method - Section C). If any of the functions do not work as they should, repeat from STEP 3 using [CH +] or [CH -] buttons to find the correct code.

**STEP5** Save the code. (Same as for 3-Digit Code Programming Method - Section C).

Now, repeat the Auto-Search Method for those Components you could not program earlier with the Pre-Programmed Method.

### E. Finding a Component Button's Setup Code Number

If you used the Auto-Search Method to program a Component, you may not know what the correct code number is. Here is a way for you to identify

the code number, so you can record it for future reference.

**STEP1** Press the [COMPONENT] button (TV or DTA) you want to verify and the OK button simultaneously for 3 seconds. The POWER LED light will turn on for 20 seconds.

**STEP2** Press the [INFO] button and count the number of times the Component LED light blinks. This number indicates the first digit of the code, followed by the second and third, each separated by a one second pause when the LED will turn off.

*\*Note: 10 blinks represents the number zero.*

*Example: One blink, (pause), eight blinks, (pause) and three blinks, indicates code number 183.*

### F. Programming Volume Control

Volume and Mute control are factory-programmed to automatically transfer to the respective Component mode you select, as follows:

DTA : DTA TV : TV

However, you can program the volume controls (Volume Up, Volume Down and Mute) from one Component to operate in another Component

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

**STEP1** Press the [DTA] button and the [OK] button simultaneously for 3 seconds.

The [DTA] Component LED will turn on for 20 seconds.

**STEP 2** Press the [VOL ▲] button.

**STEP 3** Press the [TV] button.

The Component LED will blink twice to confirm the programming.

To return to original state:

If you wish to restore the DTA volume control in DTA mode, repeat the above steps but press [DTA] in STEP 3.

### G. Memory Lock System

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

### H. Write your TV Set-up codes

Set-up Code Number :

For additional information about your remote control, go to [www.universal-remote.com](http://www.universal-remote.com)

## 6 Set-up Code Tables

### DTA-IPTV

Manufacturer/Brand	Set-Up Code Number
A&B	254 255 315 259
AMINO	260 249 256 257 261
AT&T	251
CISCO	002 251 316
COMCAST	002
ENTONE	155 258
HYRIO	254 255
MOTOROLA	253
NOW TV	314
PACE	002
SCIENTIFIC ATLANTA	251
WEGENER	250

### DTA-CABLE Converters

Manufacturer/Brand	Set-Up Code Number
SCIENTIFIC ATLANTA	003
PACE	001 003 204
MOTOROLA	001
ARRIS	192
BELL FIBE	205
CHANNEL MASTER	006

### DTA-CABLE Converters

Manufacturer/Brand	Set-Up Code Number
GONNATI BELL	194
CISCO	003 005
CONFLUENT	196
DIGITAL STREAM	580
DIRECTV	238
EVOLUTION	189
HONECAST	004
MINERVA	178
MOXI	111
NAGRAVISION	201
NBOX	181
SAMSUNG	003
SUDDENLINK	579
TECHNICOLORE	365 002
THOMPSON	365 002
UNIVERSAL REMOTE	193
XFINITY	195

### TV

Manufacturer/Brand	Set-Up Code Number
ADMIRAL	072 081 160 161 096
AD NOTAM	672
ADVENT	147 224
AFFINITY	680
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	164 686
ASTAR	164
AUDIOVOX	076 103 043 035 224 228 078
AUVIO	689
AVION	223
AXESS	711
AXION	043
BAYSONIC	043
BELLAHOWELL	072
BENQ	600
BRADFORD	043

### TV

Manufacturer/Brand	Set-Up Code Number
BROKSONIC	231 252 096 170
BYDESIGN	254
CAIRN	162
CANDLE	070 002 003 004
CANON	236
CAPEHART	058
CARVER	164
CELEBRITY	001
CETRONIC	043
GELIO	101
CINERAL	103 120
CITIZEN	070 002 003 004 101 103 127
CLASSIC	043
COBY	640 641 671 004
CONCERTO	004
CONTEC	043 051
CORONADO	127
CRAIG	043 054 028 239
CROSLLEY	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
DENDON	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	004 110 622 690
EMERSON	005 028 043 048 076 096 155 004 051 127 151 153 154 231 236 238 247 252 168 121 514

### TV

Manufacturer/Brand	Set-Up Code Number
ENVISION	070
EPSON	087 590
ESA	031 168
FISHER	007 057
FREEMOTION	662
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
GRUNPY	028 043
H&B	046
HAIER	004 116 623
HALL MARK	004
HAMNSPREE	099
HARLEY DAVIDSON	028
HARSPER	220
HARMAN KARDON	164
HARVARD	043
HISENSE	198 021 619 630
HITACHI	011 004 613 007 009 072 010 012 023 075 127 158 236 238 587 614
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	068 069 078 096 100 164 168 229 226 454 604 617
INSTANTREPLAY	236
INTEQ	073
JADDO TV	673
JBL	164

### TV

Manufacturer/Brand	Set-Up Code Number
JCB	001
JCL	236
JCPENNEY	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
KONKA	026
KREISEN	202
KTV	070 043 127 154
LG	004 569 106 112 127 247 250 598 698
LLOYD	078
LODGENET	232
LOEWE	196 164
LOGIK	072
LUXMAN	004
LXI	007 015 052 081 160 164 238
MAGIN	239
MAGNAVOX	070 003 004 022 059 060 061 063 064 127 164 094 160 056 236 238 243 205 028 138 168 035 211 077 050 218 594
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	071
MTC	070 004 062 101 238 239

### TV

Manufacturer/Brand	Set-Up Code Number
MULTITECH	238 043
NAD	015 025
NEC	070 130 134 040 056 007 019 024 004 182 140 575 717
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	080 164 190 034 056 234 236 244 230 248 524 624 607 664
PENTAX	236
PHILCO	070 003 004 024 056 059 060 063 064 127 164 236 238 243
PHILIPS	164 005 038 093 127 070 003 004 059 236 238 243 247 199 218 144 161 594
PILOT	247
PIONEER	023 025 135 176 004 018 070 183 191 208 214 182 660
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
PROTRON	102 213 004 115
PROVIEW	110
PROX	572
PYLE	257
PYLE HOME	015 662
QUASAR	034 056 234 236 244 606 004 019 127 043 250
RCA	160 161 144 156 065 070 004 023 024 056 074 152 232 233 236 238 239 081 588 713
REALISTIC	007 019 236 238 239 247

### TV

Manufacturer/Brand	Set-Up Code Number
REVOLUTION HD	220
RICO	241
RUNCO	072 073 130 179 180 181 182 216 194 697 696
SABIO	161
SAMPO	070 004 058 165
SAMSUNG	192 184 185 004 101 127 133 160 089 105 070 237 239 461 578 655
SANSEI	120
SANSUI	238 252 096 615 078
SANYO	007 053 057 082 020 239
SCEPTRE	036 699
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
SEIKI	690
SELECO	189
SEMIVOX	043
SEMP	014
SEURA	704
SHARP	251 004 684 081 014 019 028 022 127 236 496 692
SHERWOOD	129 128
SIGNATURE	072 238
SKYWORTH	164
SOLE	177 178
SONY	001 608 085 126 139 236 240 241 602
SOUNDDESIGN	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
SUPRE MACY	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

### TV

Manufacturer/Brand	Set-Up Code Number
SYMPHONIC	052 238 168
SYNTAX GLEVIA	219 004 161 144 160
TANDY	081 238
TATUNG	056 062
TCL	705
TEAC	238
TECHNICS	034 080 236 244
TECHNOL ACE	028
TECHVIEW	246
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
TELEVISION	663
TNCI	073
TMK	004
TOSHIBA	015 101 045 030 007 040 062 142 137 703
TOTEVISION	127 239 247
TRUTECH	212
UNITECH	239
UNIVERSAL	008 009
UPSTAR	708
VENTURER	004
VIDEO CONCEPTS	146 238
VIDEOSONIC	239
VIDIKRON	188 164 182
VIDTECH	004
VIEWSONIC	210 594
VIORE	055 592
VISCO	209 110
VITO	004
VIZIO	004 031 724 603 625 675
WARDS	004 064 164 008 009 019 028 060 061 063 072 074 127 070 236 238 239
WESTINGHOUSE	076 036 221 222 001 690 101
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