

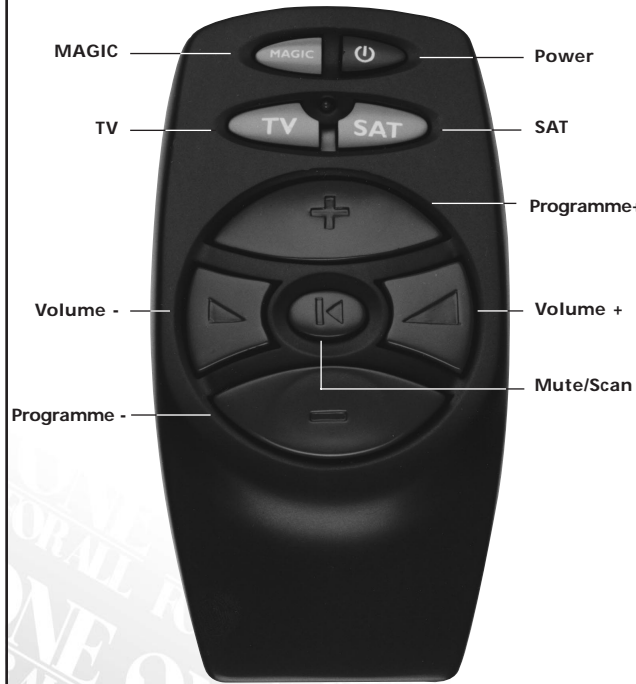


URC-6520  
700930 ©

ZAPPER™

## Universal Remote USER GUIDE & CODE BOOK

Retain For Future Reference



### Contents

<b>ABOUT YOUR ZAPPER</b> Features and Functions	Front Page
<b>INSTALLING THE BATTERIES</b>	Front Page
<b>SETTING UP THE ZAPPER</b> Direct Set-Up Search Method	Front Page Front Page Front Page
<b>ADVANCED OPERATION</b> Controlling Colour & Brightness Scan	Front Page Front Page
<b>TROUBLE-SHOOTING</b> Helpful Hints Consumer Help-Line	Front Page Front Page
<b>SET-UP CODES</b> Quick Set-Up Codes	Back Page Front- / Back Page

### About Your ZAPPER

Thank you for purchasing the ZAPPER universal remote control (URC-6520). Your ZAPPER package contains:

The ZAPPER Remote Control  
The ZAPPER User Guide & Code Book

The User Guide & Code Book explains in simple steps how to set up and operate your new universal remote control. **You may need this guide again in the future, so please be sure to keep it.**

Your ZAPPER needs 2 new "AAA/LR03" batteries.

Your ZAPPER is designed to let you use one remote to operate your Television and Satellite Receiver (or Cable Converter). The illustration on the left and the chart below describe the features and functions of the ZAPPER universal remote control.

### Features and Functions

<b>Key</b>	<b>Function</b>
<b>LED</b>	<b>LED</b> The LED (Light Emitting Diode) flashes red to show the remote is working.
<b>MAGIC</b>	<b>MAGIC</b> The MAGIC key is used to set up your ZAPPER and to access special features.
<b>Power</b>	<b>Power</b> The Power key turns your devices both on and off.
<b>TV SAT</b>	<b>Device Keys</b> The TV and SAT keys select the home entertainment device to be controlled. Pressing the TV key allows the remote to control the functions of your Television. After pressing SAT, you can operate your Satellite Receiver or Cable Converter.
<b>Mute</b>	<b>Mute</b> The Mute key operates the same function it did on your original remote control. It is also used to activate the Scan feature (see Scan).
<b>Volume +/-, Programme +/-</b>	<b>Volume +/-, Programme +/-</b> The Volume and Programme keys control the two most frequently used functions of your devices. They operate just as those on your original remote control. These keys are also used to program the ZAPPER for your devices and to control the Colour and Brightness settings of your television (Advanced Operation).

### Installing The Batteries

The ZAPPER needs 2 new "AAA/LR03" alkaline batteries.

- Remove the battery cover from the back of the ZAPPER by pressing down on the tab.
- Match the batteries to the +/- marks inside the battery case, then insert the batteries.
- Press the battery cover back into place.

**Important notes:**  
- In order to avoid having to reprogram your ZAPPER after you remove the batteries, you will need to insert new batteries within 5 minutes.  
- Also, it is best that you do not use rechargeable batteries.  
- On the inside of the battery compartment door you will find a label on which to write your set-up codes after your ZAPPER is set up for your shading devices. Please write down your codes for easy, future reference.

### Setting Up The ZAPPER

#### Direct Set-Up

To set up the ZAPPER for your Television and Satellite Receiver (or Cable Converter) follow the instructions below. To set up your Television:

- Turn on your Television.
- Find your Television code in the Set-Up Code section (see reverse). Codes are listed by brand name. The most popular codes are listed first.
- Press and release the **TV** key to select the device.
- Then press and hold the **MAGIC key until the light blinks twice** (the light will blink once then twice).
- Enter your 5-digit code according to the chart below. The red light will blink twice.
- Now, aim the ZAPPER at your Television and press **POWER**. If your Television switches off, your ZAPPER should be ready to operate your device.
- Turn your device back on and try all the remote's functions to ensure they are working properly. If the functions do not work properly, repeat steps 1-6 using another code listed under your brand.

**Important notes:**  
- To set up your Satellite Receiver or Cable Converter, follow the same instructions above, only press the SAT key during step 3.  
- Some codes are quite similar. If your device does not respond or is not functioning properly with one of the codes, follow steps 1-6 with each code listed for your brand.  
- If none of the codes listed for your brand operate your device, follow the Search Method described in the next section. The Search Method can be used even if your brand is not listed at all.  
- Remember, to control your device after you have programmed it with the ZAPPER, you must press the device key first (TV or SAT).  
- Write the codes for your TV and SAT in the boxes provided below and inside the battery compartment for easy future reference.

TV Code:

SAT/Cable Code:

### Searching for Your Code

If your Television or Satellite does not respond to the ZAPPER after trying all the codes listed for your brand, try searching for your code. To search for your TV code:

- Turn on your TV.
- Press the **TV** key on the ZAPPER.
- Then, press and hold the **MAGIC key until the light blinks twice** (the light will blink once then twice).
- Next, press the **Programme(-)** key three times.
- Next, alternate between **Programme(-)** and **POWER** until your Television turns off. You may have to press these keys many times, so be patient. Remember, you must aim the ZAPPER at your device the entire time you are searching for your code.
- When your device turns off, press and release **MAGIC**. Don't forget, press MAGIC as soon as your device turns off.
- The ZAPPER should now be ready to operate your device. Turn your device back on and try all the remote's functions to ensure they are working properly. If some of the ZAPPER'S commands are not operating correctly, try the search method again, you may be using the wrong code.

**Important notes:**  
- When you want to control your device, press the device key first (TV or SAT).  
- To search for the code for your Satellite Receiver or Cable Converter, follow the same instructions above, only press the SAT key during step 2.  
- During step 5, you may have to press these keys many times (up to 150!), so be patient. Remember, you must aim the ZAPPER at your device the entire time you are searching for your code.

### Code Blink Out

After you have used the Search Method, you can find out which code the ZAPPER responded to by blinking back the code. It's handy to know your Television, Satellite Receiver or Cable Converter code for future reference. Remember, you can only blink back your code after the ZAPPER is operating your device.

To blink out your TV code:

- Press the **TV** key on the ZAPPER.
- Then, press and hold the **MAGIC key until the light blinks twice** (the light will blink once then twice).
- Next, press **Programme(-), Programme(-), Programme(+)**.
- For the first digit of your 5-digit code, press **Volume +** and count the red blinks.
- For the second digit, press **Volume -** and count the red blinks.
- For the third digit, press **Programme(+)** and count the red blinks.
- For the fourth digit, press **Programme(-)** and count the red blinks.
- For the fifth digit, press **MUTE** and count the red blinks.

**Important note:** To blink out the code for your Satellite Receiver or Cable Converter, follow the same instructions above, only press the SAT key during step 1.

### Advanced Operation

#### Controlling Colour & Brightness

Depending on the functions of your original remote control, the ZAPPER can operate the colour and brightness settings of your Television.

- Colour up = Press **MAGIC** then hold
- Colour down = Press **MAGIC** then hold
- Brightness up = Press **MAGIC** then hold
- Brightness down = Press **MAGIC** then hold

#### Scan

Your ZAPPER comes with a special Scan function which lets you "scan" through every programme available on your TV, Satellite or Cable Box.

For example, to scan the programmes on your TV:

- Aim the ZAPPER at your TV. Press the **TV** key. Press and release **MAGIC** then press the **MUTE** key.

The ZAPPER will send the command to advance through all the programmes available on your Television stopping at each programme for about three seconds. Remember, you must aim the ZAPPER at your device the entire time you are using scan.

- When you find a programme you would like to watch, simply press the device key you are using (TV, SAT) to stop the Scan feature. In this case press the **TV** key.

**Important notes:**  
- To use Scan with your Satellite or Cable Box, follow the same instructions above, only press the SAT key during step 1.  
- Scan may not function with devices that did not have a programme +/- key on the original remote.

### Trouble-Shooting

#### Helpful Hints

Problem:	Solution:
Red light does not blink when you press a key?	Replace batteries with 2 new "AAA/LR03" alkaline batteries
The ONE FOR ALL does not respond after pressing a key?	Make sure you are using new batteries and are aiming the ONE FOR ALL at your device.
The ONE FOR ALL does not operate your device?	A) Try all the codes listed for your brand. B) Try the search method.
Your brand is not listed in the ONE FOR ALL code section?	Try the search method.
The ONE FOR ALL is not performing commands properly?	You may be using the wrong code. Try Direct Set-Up again trying each code listed under your brand or start the search method over again to locate the proper code.
Your TV switches to programme 1 when you press the power key before switching off OR you must press Power twice to switch on your TV?	Press TV, then press MAGIC until the light blinks twice. Then press: (Programme-) (Programme+) (Programme-)
You cannot reach channel 10 and above on your TV or Satellite.	If your original remote did not have channel +/- keys, the Zapper may not operate this function.

### Quick Set-Up

**TV + MAGIC\* + CODE\*\* = Ready**  
(To set up your TV)

**SAT + MAGIC\* + CODE\*\* = Ready**  
(To set up your Satellite or Cable Box)

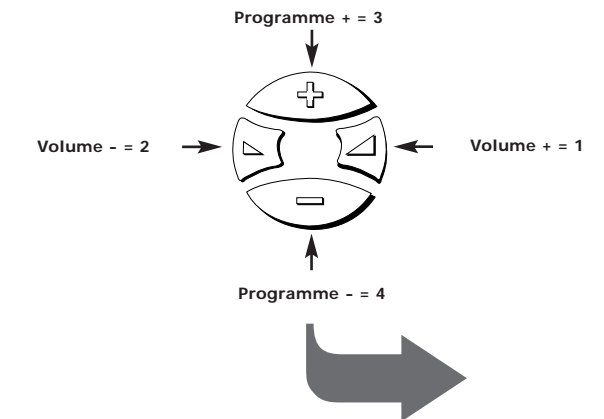
\* Hold MAGIC until the red light blinks twice. (The light will blink once then twice)

\*\* The red light will blink twice

### Set-Up Codes

Use the Programme and Volume keys to enter your code:

Volume +	=	1
Volume -	=	2
Programme +	=	3
Programme -	=	4



(Example: To enter the Sony TV code 11133, you would press Volume+, Volume+, Volume+, Programme+, Programme+)

If your device does not respond to the ZAPPER after you have tried all the codes listed for your brand, try the Search Method described on the reverse side.

**Make sure you write your correct 5 digit codes in the boxes provided inside the battery compartment and in the boxes provided on the reverse side.**

### Set-Up Codes (5 digits)

#### Televisions

4210991 A.R. Systems	11322 22311	4210059 Arthur Martin	13314 23211
4211306 Accent	11322	4210060 ASA	12232 22233 12123 12331 12224
4210005 Acura	11132	4210062 Asberg	11322 12141
4210010 Admiral	12224 12242 23313 14222 21131	4210095 Akora	11132
4210012 Adyson	14232 14231	4210070 Auka	21233 14232 21233 14232 14143
4210880 Agashi	14231	4210072 Atlantic	11322 14231 21114 22111
4210014 Agazul	21131	4210074 Atori	11132
4210015 AGB	31121	4210075 Auchan	13314 23211
4210997 Agef	12224	4210080 Audiosonic	11322 12342 14232 22415 22212
4210017 Aiko	14231 11132 11322 22414 11314 12131 22332 13444 21131 14232	4210081 Audioton	14232 22413 21131 12141
4210018 Alm	11322 14232	4210084 Ausind	12141
4210020 Akai	22332 14211 22414 11322 13444 11314 11132 12131 14233 13314 14233 13314 31121 31341 32122 24311 14232 32424 14231 21131 24111	4210085 Autovox	12224 14143 14342 12141
4210021 Akiba	14233 21233 24124 11322	4210088 Ausind	12224 14112 22224 13443 14111 12131 12132 14232 14211
4210023 Akura	14233 22324 21233 21221 11132 23241 21131 11322 24342	4210093 Bang & Olufsen*	31422 12224 22441 13314
4211267 Alaron	14231	4210094 Barco	14233 11132 22423 11322 13314
4210024 Alba	14233 14334 11132 23313 22413 22314 22414 11322 14231 14424 23344 13314 11412 32122 24324 11321 32114	4210097 Basic Line	21233 14232
4210026 Alycon	12141	4210098 Bastide	14232
4210029 Allorgan	14143 21323 14232	4210099 Baur	21344 31224 14114 31111 11322 31333 13444 22332 22242 24432 11333 14232
4210032 Allstar	11322	4211082 Bazin	22413 11322
4210041 Amplivision	14232 23211 22111 22413	4210103 Beko	22413 11322
4210042 Amstrad	13412 11132 31121 21131 14233 22414 22333 23241 11322	4210105 Best	11322 23313 22212 22413 23322
4211094 Anam	11322 11132 12121	4210107 Bestar	11322 22413 22423
4211268 Anam	11322	4210108 Binatone	14232
4210044 Anglo	11322 21131	4210110 Black Star	14424
4210045 Anitech	11132 12121 12141 21131 11322	4210111 Blacktron	21233
4210047 Ansonic	22413 21321 12323 11132 11322 22423 13314 22114 23234 21114 14424 11141 23341	4210112 Blackway	21233
4210050 Apollo	24232	4210113 Blaupunkt	31333 13444 31224 14114 14131 14222 22124 24111 14233 21233 24124 11322 24324
4210053 Arc on Ciel	23144 24422 12342 14121 31431	4210114 Blue Sky	21233
4210054 Arcam	22142 14123 14231 23144 14232	4210115 Blue Star	21233
4210057 Aristona	11322 31341 11141	4210118 Bondstec	14424
		4210119 Boots	14232
		4210121 BPL	21233 11322
		4210123 Brandt	24422 12342 23144 14242 22142 14121 14123 21244 22144 31431
		4210126 Brinkmann	23313 11322 31124
		4210130 Brionvega	11322 12224 22333
		4210128 Britannia	14231 14232
		4210133 Bruns	12224



4210134 BSR	13314 21323	4210308 Forgestone	14112	11333 11321 22242	4210415 ITT	13314 24311 22242
4210138 BTC	14233	4210309 Formenti	12224 14222 14231	12224 14222 14231	4210564 NEC	13333 11321 22111
4210139 Bush	14233 14334 13314		2211 13314			24124 11132
	11321 21323 11322	4210310 Fortress	12242 11322	24322 11133	4210565 Neckermann	24322 14232 11322
4210313 Fraba	22314 21414	4210313 Fraba	22431 12224	24322 11133		14131 31333 31341
4211106 Friac	11124 21124 11322	4211106 Friac	11124 21124 11322	24322 11133	4210884 Radiomack	11132 13333
4210319 Frontech	23324 24324	4210319 Frontech	14424 21131 22242	14222 14424	4210886 Radiotone	11132 13322 23341
	14211 32122 21323		23244 24111	14232 11132		
	14232	4210322 Fujitsu	14143 12132 12323	14232 11132	4210690 Rank	11322 13322 23341
4210149 Capsonic	24124 11322	4210150 Carena	24124 11322	11314	4210691 RCA	12242
4210150 Carrefour	11321 12123 11432	4210323 Funai	21131 21323	11242 13443 11321	4210692 Realistic	12323
4210153 Carver	13333	4210326 Galaxi	12323 21323	12321 14112	4211016 Recor	22212
4210998 Cascade	11132 11322	4210327 Galaxis	22413 23313 11322	11424 14233 32343	4210695 Rediffusion	22322 11321
4210155 Cathay	11322	4210331 GBC	12323	14232 21323 11322	4211012 Neufunk	11322 11132 31341
4211231 CCE	11132 14232	4210333 GBC	12322 13314 11132	14232 11324	4210572 New Tech	11322 11132 31341
4211275 Celebrity	11111	4210333 GBC	12342 21323 21244	14232 11322	4210428 Kamp	14231
4210160 Century	11322	4210333 GBC	12342 21323 21244	14232 11322	4210429 Kapsh	14231
4210161 Century	12224 14222 14424	4210303 Geant Casino	12134 23211	14232 11322	4210429 Kapsh	14231
4210162 CGE	13314 21221	4210335 GEC	11334 12131 13314	14232 11322	4210430 Karcher	11322 23322 22413
	23313 24213		22332 31121	14232 11322		
4210167 Cimline	11132 14234 14233	4210336 Gelo	14222 14424 11132	11314 22212 14231	4211283 Kawasho	14231
4210168 Citizen	31224	4210336 Gelo	14222 14424 11132	11132 11321	4211177 KB Aristocrat	13314
4210169 City	11132	4210337 General	13314 22423	11322 21131	4210432 Kendo	23331 14334 14424
4211073 Clartone	23313 12323	4210338 General	12342 21244 24224	23333 11322		
4210172 Clavronic	22414 14232	4210338 General		23341 22413 23324	4210579 Nogatmatic	23341 22413 23324
	12141 14424 11322	4210339 Genexxa	14233 11322 23241	23243 22432	4210580 Nokia	14121 31431
4210221 CTC	22111 32114	4210341 Germanvox	12422 14234	14232 11324	4210580 Nokia	11132 11324 24311
4210173 Clayton	23112	4210345 Goldhand	14231	23214 24422 12342	4210433 Kennedy	24314
4211308 CMS Hiheight	14232	4210345 Goldhand	14231	23214 24422 12342	4210433 Kingsley	14231
4210186 Concorde	11132	4210347 GoldStar	11322 22413 21313	22413 21114 21321	4210438 Kneissel	22413 14343
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	23234 23313		14232 14424 14231	23224 24422 21244	4210442 Konk	14233 22414
4210191 Contec	11231 11322 13242	4210349 Goodmans	23232	14232 23344 13314	4211313 Kontakt	14322
	11134 11321	4210349 Goodmans	11321 12131 11322	14232 23344 13314	4210443 Korpel	21322
4210192 Continental		4210349 Goodmans	31121 21313 22423	14232 23344 13314	4210444 Korting	21111
Edison	24422 12342 14342		24324 22341	14232 23344 13314		
	14121 14123		22414 24414 31341	14232 23344 13314	4210445 Kosmos	11322
	24324 31431		22224 14433	14232 23344 13314	4211181 Koltron	22341 21131
4210194 Cosmel	11132 22212	4210350 Gorenje	11132 14232	14232 23344 13314	4211820 Krakung	14232
4210196 Crosley	12224 14424 12133	4210350 GORENJE	11132 14232	14232 23344 13314	4211287 KTV	14232
	12131 13414	4210350 GORENJE	11132 14232	14232 23344 13314	4211117 Kyushu	21131 23241
	11132 22413 12323	4210351 GPM	11132 14232	14232 23344 13314	4210195 Kyoji	14232 24114
	23234 23313	4211248 Gradiente	11322 11422 13333	14232 23344 13314	4210454 Lenco	11322
	11134 11321	4210352 Graetz	11322 23211 14313	14232 23344 13314	4211299 Optonica	12242
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	23222 11322		22321 22324	14232 23344 13314		
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	120211 24324		12341 11342 22413 21313	14232 23344 13314	4210458 Lesa	11422
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	14232 24414	4211107 Gronic	31224 14114 13444	14232 23344 13314		
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4210207 Darsai	14231		11132 11322 12224	14232 23344 13314		
			21321 22413	14232 23344 13314	4210474 Logik	11134 14112
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	14432 14232		21131 11432	14232 23344 13314		
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4211225 Dreas	11132	4210372 Hema	11322 11322	14232 23344 13314		
4210239 DTS	11132	4210374 Hifivox	24422 12342 14121	14232 23344 13314		
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	22224 21134		23241 23241	14232 23344 13314		
	23133 23144		23241 23241	14232 23344 13314		
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	14222 14232		23241 23241	14232 23344 13314		
	23434		23241 23241	14232 23344 13314		
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4210252 Elbe	23414 14343 21114		23241 23241	14232 23344 13314		
	22413 13314 11322		23241 23241	14232 23344 13314		
	14233 13444		23241 23241	14232 23344 13314		
	23243 32313		23241 23241	14232 23344 13314		
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	14123 12334 21221		23241 23241	14232 23344 13314		
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	14222 14232		23241 23241	14232 23344 13314		
	23434		23241 23241	14232 23344 13314		
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	23243 32313		23241 23241	14232 23344 13314		
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	23243 32313		23241 23241	14232 23344 13314		
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	14424 11322		23241 23241	14232 23344 13314		
	14124 11322 21233		23241 23241	14232 23344 13314		
4210391 Hypersonic	12323 21111		23241 23241	14232 23344 13314		
4210267 Emperor	21233		23241 23241	14232 23344 13314		
4210271 Eres	11322 11141		23241 23241	14232 23344 13314		
4210273 Etron	11322 11132 13314		23241 23241	14232 23344 13314		
4210276 Euro-Feel	21131		23241 23241	14232 23344 13314		
4210278 Euromann	14231 21131 11322		23241 23241	14232 23344 13314		
	14232 23322		23241 23241	14232 23344 13314		
	22413		23241 23241	14232 23344 13314		
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4210291 Expert	14424 13314 23344		23241 23241	14232 23344 13314		
	14143 23211 21114		23241 23241	14232 23344 13314		
	13314		23241 23241	14232 23344 13314		
4211001 Exquisit	12322 14424		23241 23241	14232 23344 13314		
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