



URC-7540

ONE FOR ALL 4

Universal Remote

USER GUIDE & CODE BOOK



Retain For Future Reference

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About Your ONE FOR ALL 4

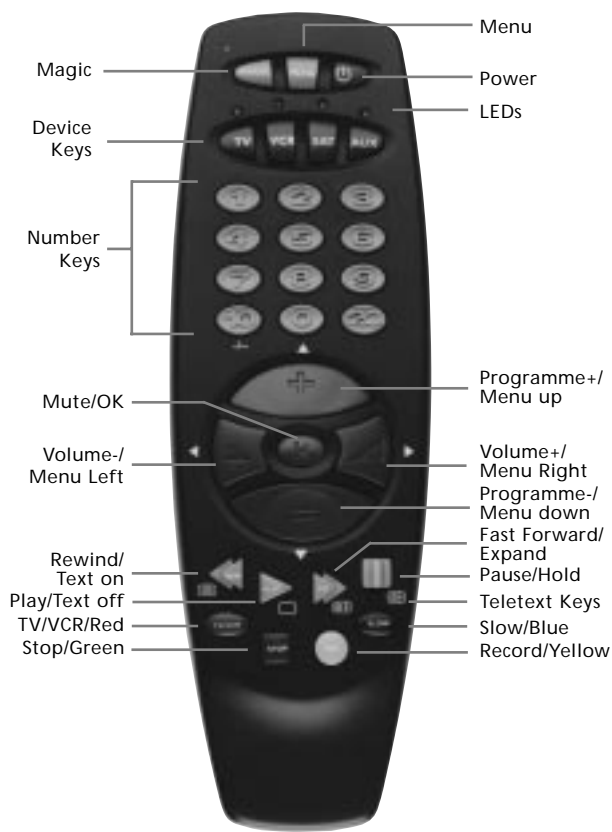
Your ONE FOR ALL 4 Package contains:

Your ONE FOR ALL 4 Remote
Your ONE FOR ALL 4 Manual

Your manual is divided into two parts: set-up instructions and device codes. **You may need this guide again in the future, so please be sure to keep it.**

Your ONE FOR ALL 4 needs 2 new "AA/LR03" batteries.

Your ONE FOR ALL 4 can operate four devices: a Television, a Video Recorder, a Satellite Receiver and a second Television, Video or Satellite Receiver. Your ONE FOR ALL 4 can also operate Cable Converters.

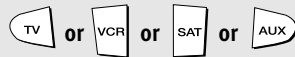


Quick Set-Up

The instructions below and on the next page can be used to quickly install your new ONE FOR ALL.

You can use the Quick Set-Up below with the codes listed on pages 11-21. If this doesn't work, try the Quick Search on the next page. The Quick Search can also be used even if your brand is not listed at all.

1. Press device key:



2. Press and hold until the red light blinks twice. Then release.

3. Enter (4-digit code). See pages 11-21. The red light will blink twice.

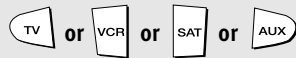
4. Aim remote at your device and press (or PLAY).


NOTES:

- Make sure your device is switched on.
- The instructions above are a "Quick" set-up guide. For further explanation, please refer to the pages within.
- Make sure you write your Set-Up codes in the boxes provided inside the battery compartment for easy future reference.



Quick Search


- 1.** Aim your ONE FOR ALL at your device and press device key:



- 2.** Press and hold  until the red light blinks twice.

- 3.** Press   

- 4.** Alternate between the device key (ie: ) and  until your device turns off.

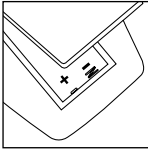
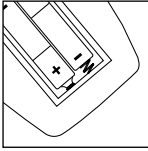
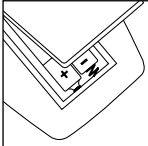
- 5.** When device turns off, press . The red light will blink twice. Your device is Set Up.

NOTES:

- Make sure your device is switched on.
- Make sure you aim your ONE FOR ALL at your device during "Quick Search".
- During step 4, you may have to press these keys many times, so please be patient.
- If your Video's original remote control does not have a power key, press PLAY instead of POWER during step 4.

Installing the Batteries








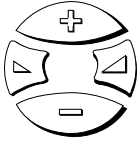

Your ONE FOR ALL 4 needs 2 new "AA/LR03" alkaline batteries.

-  Remove the battery cover from the back of your ONE FOR ALL 4 by pressing down on the tab.
-  Match the batteries to the + and - marks inside the battery case, then insert the batteries.
-  Press the battery cover back into place.

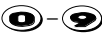
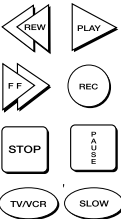
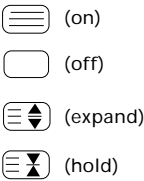
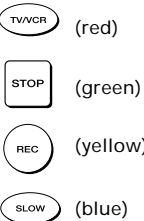
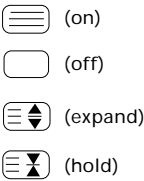
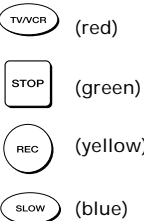
Important notes:

- In order to avoid having to reprogram your ONE FOR ALL 4 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 ONE FOR ALL 4 is set up for your device. Please write down your codes for easy, future reference.

The Keypad

Key	Function
LEDs	<p>LEDs The LEDs (Light Emitting Diode) flash red to show the remote is working. Over each device key (TV, VCR, SAT, AUX) there is a LED. During operation of the ONE FOR ALL these LEDs will indicate the mode you are using.</p>
	<p>MAGIC Key The MAGIC key is used to set up your ONE FOR ALL 4 and to access special functions.</p>
	<p>Menu The Menu key controls the same function as it did on your original remote.</p>
	<p>Power The Power key controls the same function as it did on your original remote.</p>
   	<p>Device Keys The TV, VCR, SAT and AUX keys select the home entertainment device to be controlled. For example pressing the TV key allows the remote to control the functions of your Television, after pressing VCR you can operate your Video Cassette Recorder and the SAT key operates your Satellite Receiver or Cable Box. The AUX key operates a second television, video recorder or satellite.</p>
	<p>Volume, Programme The Volume and Programme keys control the two most frequently used functions of your Television and Satellite Receiver. They operate just as those on your original remote. These keys are also used to operate the menu feature of your device. See page 24 for more details.</p>
	<p>Mute The Mute key operates the same function it did on your original remote control. It is also used to activate the Scan feature (see page 27). Also, if your original remote control required that you press an "OK" key during Menu operation, the Mute key can be used for this function.</p>

The Keypad



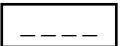

Key	Function
  	<p>Number Keys</p> <p>The Number keys (0-9, 10, 20) provide functions just like your original remote, such as direct access programme selection. If your original remote uses one/two digit input switching (-/-- symbol), this function can be obtained by pressing the -/-- key, which is the same as the 10 key. If your original remote has an AV, key this function can also be found under the 20 key.</p>
	<p>Video Recorder Keys</p> <p>After pressing the VCR key, the Video Recorder keys operate the functions of your Video Recorder. To prevent accidental recording, the Record key must be pressed twice to start recording.</p>
	<p>Teletext Keys</p> <p>After pressing the TV key, the top row of the VCR keys are used to operate the main teletext functions. The symbols below the keys are for teletext. The text keys are used to access the teletext functions of your Television. Of course, your Television must be teletext capable. For an explanation of the teletext symbols, please refer to page 23 of this manual. For a detailed explanation on how teletext works, please refer to the manual of your Television set.</p>
	<p>After pressing the TV key, the bottom row of the Video Recorder keys marked red, green, yellow and blue, allow you to access the fasttext functions of your television. Again, your television must be fasttext capable to operate these functions. For a more detailed explanation of teletext and fasttext, please refer to the manual of your television set.</p>

Installation

Direct Set-Up Setting Up Your Devices

To set up the ONE FOR ALL 4 for your TV, VCR, Satellite and Cable Box, follow the instructions below.

To set up your TV:

-  Find your Television code in the Set-Up Code section (starting on page 11). Codes are listed by brand name. The most popular code is listed first. **Make sure your Television is switched on.**
-  Press and release your ONE FOR ALL 4's **TV** key, **then press and hold down the MAGIC key** until the red light blinks twice (the light will blink once then twice).
-  Enter your **four-digit TV code** using the number keys. The red light will blink twice.
-  Now, aim the ONE FOR ALL 4 at your Television and press **POWER**. If your Television switches off, your ONE FOR ALL 4 should be ready to run your Television.
- 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 1-5 using another code listed under your brand.

Write your code in the four boxes provided in the battery compartment and on page 10 for easy future reference.

Important notes:

- To set up your Video Recorder or Satellite, follow the same instructions above, only press the VCR or SAT key during step 2.
- To set up your Cable Box, follow the instructions above only press the SAT key during step 2.
- Some codes are quite similar. If your device does not respond or is not functioning properly with one of the codes, try another code listed under your brand.
- If your Television, Video or Satellite does not respond, follow steps 1 through 5 with each code listed for your brand. If none of the codes listed for your brand operate your device, try the search method described on page 8, even if your brand is not listed at all.
- If you change programmes on your Television through your Video Recorder, press VCR and not TV, before you use the programme keys.
- Remember, to control your device after the ONE FOR ALL is set up, you must press the device key first (TV, VCR, SAT).
- Write the codes for your devices in the boxes provided on page 10 and in the battery compartment for easy future reference.







Installation

The Search Method

If your Television, Video Recorder, Satellite Receiver or Cable Box does not respond to the ONE FOR ALL 4 after you have tried all the codes listed for your brand, try searching for your code. The Search Method may also work if your brand is not listed at all.

Let's say you cannot get your ONE FOR ALL 4 to control your Television.

To search for your TV code:

- 1** Switch your Television on.
- 2**  Press the **TV** key on your ONE FOR ALL 4.
- 3** 
 Aim the ONE FOR ALL 4 at your Television. **Press and hold down MAGIC** until the ONE FOR ALL 4's red light blinks twice. Then, press **9 9 1**. The red light will blink twice.
- 4** 
 Now, alternate between **TV** and **POWER**, over and over, until your Television turns off. You may have to press these keys many times, so please be patient. Remember to keep pointing the ONE FOR ALL 4 at your Television when you press the POWER and TV keys.
- 5**  When your Television turns off, press **MAGIC**. Don't forget, press MAGIC as soon as your Television turns off.
- 6** The ONE FOR ALL remote 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 ONE FOR ALL's commands are not operating correctly, try the search method again. You may be using the wrong code.

Important notes:







- To search for the code for your Video or Satellite follow the instructions above only press VCR or SAT during steps 2 and 4.
- To search for the code for your Cable Box, press SAT during step 2 and 4.
- If your Video's original remote control does not have a power key, press PLAY instead of POWER when searching for your code.
- During step 4, you may have to press these keys many times (up to 150!) so be patient. Remember you must aim the ONE FOR ALL at your device the entire time you are searching for your code.



Installation

After you have used the Search Method, you can find out which code the ONE FOR ALL responded to by blinking back the code. It is handy to know your Television, Video, Satellite Receiver or Cable Box code for future reference. **Remember, you can only blink back your code after the ONE FOR ALL is operating your device.**

To blink out your Television code:

- 1**  Press **TV**. Press and hold **MAGIC** until the ONE FOR ALL 4's red light blinks twice.
- 2**  Press **9 9 0**. The red light will blink twice.
- 3**  For the first digit of your four-digit code, press **1** and count the red blinks. If there are no blinks, the digit is "0".
- 4**  For the second digit, press **2** and count the red blinks.
- 5**  For the third digit, press **3** and count the red blinks.
- 6**  For the fourth digit, press **4** and count the red blinks. Now you have your four-digit code.

Make sure you write your Television code in the boxes provided in the battery compartment and on page 10 for easy future reference.

Important note: To blink back the code for your Video, Satellite or Cable Box, follow the instructions above only press VCR or SAT during step 1.

Set-Up Codes

Quick Code Reference

The following pages list the codes for your equipment.
The most popular codes for each brand are listed first.

If your device does not respond to the ONE FOR ALL 4 after
you have tried all the codes for your brand, try the search
method (page 8).

**Write down the codes for your devices in the boxes
below and in the battery compartment, for quick and
easy reference.**

<u>Device Type</u>	<u>Code</u>
1. _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
2. _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
3. _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>
4. _____	<input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

Set-Up Codes - TV (4 digits)

Televisions

A.R. Systems	0037	0352		
Acura	0009			
Admiral	0087	0093	0363	0418
	0305	0213	0264	
Adyson	0217	0216		
Agazi	0264			
AGB	0516			
Agef	0087			
Aiko	0216	0009	0037	0371
	0035	0072	0361	0191
	0264	0217		
Aim	0037	0274		
Akai	0361	0208	0371	0037
	0191	0035	0009	0072
	0218	0163	0546	0516
Akiba	0218	0282	0455	0037
Akito	0272			
Akura	0218	0282	0276	0009
	0412	0264	0037	0493
Alba	0218	0235	0009	0418
	0370	0355	0371	0037
	0216	0247	0431	0581
	0487	0036		
Alcyon	0076			
Allorgan	0206	0294	0217	
Allstar	0037			
Amplivision	0217	0400	0320	0370
Amstrad	0177	0009	0516	0264
	0354	0218	0371	0354
	0362	0412	0037	
Anglo	0009	0264		
Anitech	0009	0068	0076	0264
	0037			
Ansonic	0370	0292	0102	0009
	0037	0374	0163	0323
	0411	0259	0247	0012
	0428			
Arc en Ciel	0399	0501	0196	0109
	0568	0333	0198	
Arcam	0216	0399	0217	
Aristona	0037	0556	0012	
Arthur Martin	0400			
ASA	0105	0346	0070	0104
	0087			
Asberg	0037	0076		
Asora	0009			
Asuka	0218	0264	0216	0282
	0217			
Atlantic	0037	0216	0206	0320
Atori	0009			
Auchan	0400			
Audiosonic	0037	0109	0217	0370
	0337	0264	0218	0486
	0428			
Audioton	0217	0486	0264	
Ausind	0076			
Autovox	0087	0206	0237	0076
	0217	0247	0336	
Ayomi.	0238			
Ayr	0535			
Baird	0109	0193	0343	0190
	0192	0072	0073	0217
	0208			
Bang & Olufsen*	0087	0565	0620	
Barco	0380			
Basic Line	0218	0009	0374	0037
	0282			
Bastide	0217			
Baur	0146	0303	0535	0512
	0554	0361	0505	0010
	0037			
Bazin	0217			
Beko	0370	0486	0037	
Beon	0037	0418	0032	
Best	0337	0370	0421	
Bestar	0037	0370	0374	
Binatone	0217			
Black Star	0247			
Blacktron	0282			
Blackway	0282			
Blaupunkt	0554	0535	0191	0195
	0200	0213	0327	0328
	0318	0448		
Blue Sky	0218	0282	0455	0037
Blue Star	0282			
Bondstec	0247			
Boots	0272	0217		
BPL	0282	0373	0037	
Brandt	0501	0399	0237	0333
	0196	0198	0287	0335
	0568			
Braun	0366			
Brinkmann	0418	0037		
Brionvega	0037	0087	0362	
Britannia	0216	0217		
Bruns	0087			
BSR	0294			
BTC	0218			
Bush	0218	0235	0009	0036
	0282	0037	0272	0355
	0371	0363	0374	0519
Capsonic	0264			
Carena	0455	0037		
Carrefour	0036	0070		
Cascade	0009	0037		
Cathay	0037			
Centurion	0037			
Century	0087	0213	0247	
CGE	0074	0084	0306	0076
	0247	0252	0306	0276
	0418	0370		
Cimline	0009	0235	0218	
City	0009			
Clatronic	0218	0264	0370	0371
	0217	0076	0037	0009
	0102			
Clayton	0385			
Concorde	0009			
Condor	0216	0247	0282	0320
	0037	0370	0009	0102
	0411			
Conic	0032			
Contec	0216	0009	0157	0011
	0036			
Continental				
Edison	0501	0237	0196	0198
	0399	0333	0287	0487
	0568			
Cosmel	0009	0337		
Crezar	0213			
Crosley	0087	0247	0074	0084
	0252	0076	0213	
Crown	0373	0009	0370	0486
	0076	0421	0037	0359
	0579	0039	0418	0208
Crystal	0431			
CS				
Electronics	0247	0216	0218	
CTC	0247			

Set-Up Codes - TV

Cybertron	0218	Formenti	0087 0213 0216 0320
Daewoo	0009 0037 0216 0374		0076
	0218 0217	Fortress	0093 0087
Dainichi	0218 0216	Fraba	0370 0037
Dansai	0037 0264 0032 0035	Friac	0009
	0216	Frontech	0247 0264 0363 0431
Dantax	0486		0448 0217 0009
Datsura	0373	Fujitsu	0206 0072 0102 0217
Dawa	0037	Funai	0264 0294 0179
Daytron	0009 0374	Galaxi	0102 0037
Decca	0072 0516 0037 0244	Galaxis	0370 0418 0037 0102
	0249 0272 0217 0037	GBC	0213 0009 0374 0218
DeGraaf	0208 0044 0227	Geant Casino	0400
Denko	0264	GEC	0043 0072 0361 0516
DER	0193 0190		0037 0217 0072 0349
Derwent	0201	Geloso	0213 0009 0363 0374
Desmet	0320 0037	General	
Diamant	0037	Technic	0009
Dixi	0009 0037	Genexxa	0218 0037 0412 0493
Domland	0394	Germanvox	0213
Doric	0201	Goldline	0337
DTS	0009	Goldstar	0037 0370 0290 0032
Dual	0217 0343 0259 0336		0009 0377 0217 0247
	0519 0352 0394 0399		0216 0431 0361
	0303 0037	Goodmans	0036 0072 0037 0009
Dual-Tec	0217 0259		0264 0516 0290 0179
Dumont	0087 0104 0102 0213		0374 0487 0371 0343
	0217 0070		0235 0035
Dynatron	0037	Gorenje	0370 0421
Elbe	0435 0238 0259 0362	GPM	0218
	0292 0370 0163 0037	Granada	0037 0400 0226 0356
	0218 0191 0411		0359 0012 0072 0146
Elcit	0087 0247 0516 0102		0108 0208 0217 0076
Elekta	0264 0282		0306 0339 0516 0201
Elin	0216 0037 0105 0104	Grandin	0282 0218 0400 0037
	0548 0448 0305 0349		0009 0320 0455 0579
	0009		0610
Elite	0218 0037	Grundig	0535 0195 0191 0554
Elman	0102		0487 0070 0076 0237
Elta	0009 0068		0037
Emerson	0177 0213 0087 0247	Halifax	0264 0216 0217
	0037 0371 0070	Hampton	0216 0217
Emperor	0282	Hanimex	0294
Erres	0037 0012	Hanseatic	0037 0292 0282 0361
Etron	0037 0009		0394 0213 0320 0428
Euro-Feel	0264		0009 0294 0217 0373
Euromann	0216 0264 0037 0217	Hantarex	0009 0213 0037 0296
	0421 0370	Hantor	0037
Europhon	0037 0516 0102 0213	Harwod	0009 0412 0032 0037
	0217 0247	HCM	0264 0009 0282 0412
Expert	0206 0400 0305		0217 0218 0037
Exquisit	0037	Hema	0217 0009
Fenner	0374 0009	Hifivox	0501 0196 0399 0568
Ferguson	0073 0287 0192 0190	Hikona	0218
	0335 0238 0193 0109	HiLine	0264 0037
Fidelity	0193 0216 0371 0363	Hinari	0208 0179 0036 0037
	0264		0218 0009 0163 0039
Filsai	0217		0355 0443 0487 0235
Finlandia	0208 0346 0359 0548	Hisawa	0282 0218 0400 0455
Finlux	0105 0104 0037 0346	Hit	0087
	0217 0072 0076 0516	Hitachi	0225 0036 0349 0356
	0070 0087 0179 0102		0044 0043 0473 0343
Firstline	0294 0321 0216 0037		0578 0196 0198 0217
	0374 0385 0247 0009		0306 0227 0032
	0217 0411 0238 0072		0194
Fisher	0104 0087 0217 0036	Hoshai	0218
	0208 0370 0555 0087	Huanyu	0374 0216
	0157 0361 0303 0072	Hygashi	0217 0216
Flint	0037 0455 0072	Hornophon	0037
FNR	0102	Hyper	0009 0216 0217 0247
Forgestone	0193	Hypersonic	0361

Set-Up Codes - TV

Hypson	0037	0264	0217	0282	Lloyds	0009
	0455	0400			Lloytron	0032
Iberia	0037				Loewe	0512 0087 0292
ICE	0264	0217	0037	0371	Logik	0011 0193
	0218	0216	0009		Luma	0363 0206 0305 0037
Ices	0218	0216				0362 0259
Imperial	0037	0247	0370	0418	Lumatron	0363 0206 0305 0037
	0074	0084	0252	0076		0362 0259 0361 0217
	0349				Lux May	0037
Indesit	0237	0213			Luxor	0194 0237 0290 0357
Indiana	0037					0361 0208 0356 0548
Ingersol	0009					0363
Inno Hit	0009	0072	0037	0218	M Electronic	0346 0037 0512 0109
	0290	0217	0516	0247		0343 0247 0105 0104
Interbuy	0009	0264	0247	0068		0374 0009 0217 0068
Interfunk	0037	0012	0087	0512		0480 0492 0216
	0275	0327	0163	0546		0411
	0361	0370	0501	0568	M Tec	0272 0032
Internal	0037				Magnadyne	0087 0247 0516 0102
Intervision	0282	0217	0455	0037	Magnafon	0516 0213 0076 0102
	0068	0371	0377	0519		0216
	0448	0486	0394	0487	Mandor	0264
	0218	0102	0431		Manesth	0037 0235 0217 0264
	0264					0320 0276 0035 0294
Irradio	0009	0037	0218	0247	Marantz	0037
	0290	0076			Marelli	0087
Isukai	0218	0037	0282		Mark	0037 0217
ITC	0217				Matsui	0235 0177 0009 0355
ITS	0037	0371	0218	0282		0011 0072 0036 0037
	0264	0216				0487 0217 0354 0294
ITT	0163	0480	0349	0546		0371 0443 0363
	0361	0473	0361	0548	McMichael	0043
	0346	0339	0208		Mediator	0037 0556 0012
ITV	0264	0037	0247		Medion	0037
JEC	0035				Megas	0610
JVC	0053	0094	0190	0036	Melvox	0400
	0192	0193	0371	0218	Memorex	0009
	0606	0653			Memphis	0337 0072 0009 0385
Kaisui	0218	0282	0037	0216	Mercury	0037
	0455	0217	0009		Metz	0087 0195 0535 0447
Kamp	0216					0239 0213 0554 0275
Kapsch	0206	0163	0361	0104		0367 0388
Karcher	0037	0421	0282	0102	Minerva	0487 0535 0070 0076
	0610					0554 0237
KB Aristocrat	0163				Minoka	0412 0037 0359
Kendo	0362	0363	0235	0247	Mitsubishi	0108 0150 0512 0354
	0102	0037	0428	0411		0087 0036 0201 0237
	0610					0193
Kennedy	0206	0213	0435		Mivar	0292 0290 0291 0370
Kingsley	0216					0216 0609
Kneissel	0435	0259	0292	0238	Monaco	0009
	0037	0411			Motion	0076
Kolster	0037				MTC	0370 0349
Konka	0218	0371			Multi	
Korpel	0037				Broadcast	0193
Korting	0087	0421	0320		Multistandard	0102
Kosmos	0037				Multitech	0217 0009 0216 0247
Kuro	0373					0102 0363 0486
Kyoshu	0264	0412	0032		Murphy	0104 0216 0039 0072
Kyoto	0385	0032	0163			0163
LG	0037	0370	0290	0032	Nakimura	0374 0037
	0009	0377	0217	0247	Naonis	0363
	0216	0431	0361		National	0237 0214 0240
Lenco	0009	0104	0163		NEC	0170 0036 0320
Lenoir	0009				Neckermann	0037 0191 0370 0505
Lesa	0247					0200 0554 0556 0327
Leyco	0264	0072	0037	0294		0418 0349 0087 0213
	0579					0247 0217 0411
Liesenkotter	0037	0327	0328		NEI	0037 0337 0431 0371
Lifetec	0009	0264	0519	0037	Nesco	0247 0179
	0374	0218			Network	0032 0337

Set-Up Codes - TV

Neufunk	0037	0556				Phonola	0037	0556	0012	0087
New Tech	0037	0009	0556	0343			0193	0216		
	0217					Pioneer	0166	0037	0428	0343
New World	0218						0361	0109		
Nicamagic	0216					Pionier	0486			
Nikkai	0072	0218	0037	0217		Plantron	0037	0264	0009	
	0264	0032	0035	0337		Playsonic	0217			
	0216	0009	0036			Policom	0568			
Nobliko	0102	0076	0070	0216		Poppy	0009			
Nogamatic	0399	0501	0196	0568		Prandoni-				
Nokia	0163	0361	0480	0349		Prince	0247	0516	0361	0213
	0359	0473	0546	0548			0363	0076		
	0339	0208	0374			Precision	0217			
Nordmende	0109	0501	0287	0399		Prima	0032	0009	0264	
	0196	0343	0198	0213		Prinz	0072	0194		
	0568	0195				Profex	0009	0163	0431	
Novatronic	0037	0105				Profi-Tronic	0037	0102		
Oceanic	0163	0400	0361	0294		Proline	0321	0072	0037	0012
	0208	0563				Prosonic	0037	0214	0216	0370
Okano	0370	0037	0264	0072			0374	0579		
Omega	0264					Protech	0037	0217	0009	0247
Onwa	0371	0218	0581				0349	0102	0264	0431
Opera	0037						0418	0337		
Orbit	0037					Provision	0037			
Orion	0235	0294	0177	0320		Pye	0037	0556	0012	0087
	0355	0011	0037	0009		Pymi	0009			
	0321	0296	0477	0443		Quadra Vision	0400			
Ormond	0385					Quasar	0247			
Online	0037	0218				Quelle	0037	0010	0011	0501
Osaki	0072	0218	0032	0217			0512	0535	0554	0361
	0264	0493	0276	0037			0032	0036	0217	0247
	0412	0032	0272	0374			0074	0084		
Osio	0037					Questa	0036	0032		
Oso	0218					Radialva	0109	0218	0431	0037
Osume	0157	0072	0036	0032		R-Line	0037			
	0218					Radiola	0037	0556	0012	0323
Otto Versand	0010	0505	0036	0093		Radiomarelli	0087	0201	0516	0247
	0512	0037	0556	0535			0037			
	0195	0349	0554	0191		Radiotone	0009	0037	0428	0579
	0361	0235	0109				0264			
	0213	0294				Rank	0070			
Pael	0216					Recor	0037			
Palladium	0370	0037	0191	0505		Rediffusion	0201	0361	0548	
	0200	0418	0554	0556		Redstar	0037			
	0247	0327	0349	0087		Reflex	0037			
	0213					Revox	0037	0370		
Panama	0009	0217	0264	0216		Rex	0305	0206	0363	0411
	0037	0247					0259			
Panasonic	0226	0250	0126	0240		RFT	0087	0292	0428	0072
	0274	0214	0213	0361		Roadstar	0009	0264	0218	0418
	0237	0367	0340	0516		Robotron	0087			
	0037					Royal Lux	0421	0412		
Panavision	0037	0411				Roxy	0448			
Pathe Cinema	0163	0238	0216	0400		RTF	0087			
	0320	0292	0349			Saba	0287	0213	0087	0399
Pathe							0163	0109	0501	0516
Marconi	0213	0501	0196	0198			0343	0361	0498	0196
	0333	0399	0237	0568			0198	0335		
Pausa	0009					Sagem	0455	0610		
Perdio	0072	0320	0163	0037		Saisho	0235	0516	0177	0009
Perfekt	0037						0011	0217	0431	0264
Phase	0032						0354			
Philco	0087	0084	0074	0418		Salora	0290	0194	0546	0349
	0076	0213	0247	0252			0356	0359	0361	0516
	0370	0037					0363	0373	0548	
Philharmonic	0217					Sambers	0213	0516	0102	
Philips	0037	0556	0012	0323		Samsung	0037	0556	0009	0217
	0554	0191	0043	0087			0448	0370	0264	0090
	0193	0343					0216	0290	0032	0072
Phoenix	0037	0087	0320	0486			0208			
	0385	0216				Sandra	0216	0217		

Set-Up Codes - TV

Sanela	0238	Tandy	0218 0072 0217 0247
Sansui	0037		0276 0093
Sanyo	0208 0157 0292 0036	Tashiko	0036 0043 0217 0146
	0011 0370 0339 0072		0170 0032 0216 0359
	0216 0217 0104 0213		0163
	0146	Tatung	0072 0516 0217 0272
SBR	0037 0556 0012		0249 0037 0011 0244
Schaub Lorenz	0349	TEC	0217 0276 0009 0247
Schneider	0037 0012 0303 0519		0471 0335 0337
	0394 0352 0336 0259	Technema	0320
	0323 0343 0217 0247	Teleavia	0109 0501 0287 0196
	0371 0218 0361		0399 0333 0240 0490
SEG	0217 0264 0009 0036		0568
	0102 0362 0037 0216	Telecor	0037 0163 0218 0217
SEI	0087 0102 0010 0516		0259
	0213 0294 0296 0206	Telefunken	0109 0501 0498 0471
	0037		0399 0287 0074 0084
Seleco	0305 0206 0363 0259		0101 0335 0252 0262
	0362 0411		0306 0073 0343
Sencora	0009		0196 0037 0477
Sentra	0276 0035 0218 0009	Telegazi	0037 0163 0259 0218
Serino	0455		0264
Sharp	0093 0157 0036 0294	Telemeister	0320 0037
Shorai	0294 0179	Telesonic	0037
Siarem	0087 0102 0213	Telestar	0037
Siemens	0191 0535 0554 0200	Teletech	0009 0247 0337 0037
	0195 0213 0327 0328	Teleton	0217 0275 0206 0349
	0157 0032 0146 0037		0259
Sierra	0037 0556 0012	Televideon	0320 0216
Siesta	0370	Televiso	0400
Silva	0216	Temco	0294
Silver	0036 0361 0179	Tensai	0104 0218 0037 0217
Singer	0087 0102 0400		0294 0320 0009 0105
Sinudyne	0177 0087 0235 0102		0374 0371 0377 0247
	0213 0294 0296 0361	Tenson	0320
	0516 0010 0206 0037	Textet	0217 0374 0009
Skantic	0357 0356	Thomson	0287 0399 0109 0501
Sogera	0320		0333 0471 0335 0196
Solavox	0032 0361 0072 0163		0198 0237 0343 0037
	0548		0490 0568 0625
Sonitron	0208 0370 0339	Thorn	0193 0073 0190 0238
Sonoko	0037 0009 0264 0282		0192 0074 0084 0104
	0217		0335 0512 0359 0272
Sonolor	0208 0163 0400 0505		0374
Sontec	0037 0370 0294 0037	Tokai	0072 0037 0448 0337
Sony	0010 0505 0011 0036		0163 0217 0374
	0102		0216 0035 0448 0035
Sound &		Tokyo	0282
Vision	0102 0218 0374	Tomashi	0035 0553 0508 0243
Soundwave	0037 0320 0418	Toshiba	0036 0070 0102
Ssangyong	0032 0009	Towada	0349 0102
Stag	0032	Trans	
Standard	0218 0009 0217 0320	Continens	0217
	0037 0374 0037	Trident	0516 0217
Star Lite	0037	Tristar	0218 0193
Stenway	0282 0218	Triumph	0177 0516 0346 0556
Stern	0305 0206 0259 0363		0243
Strato	0037 0264	Uher	0076 0037 0206 0320
Sunkai	0294 0355 0321 0455		0303 0374 0418 0486
	0218 0235		0259
Sunstar	0371 0037 0009	Ultra	0192
Sunwood	0037 0009	Ultravox	0087 0102 0374 0216
Superia	0516 0216		0213 0037
Supertech	0009 0037 0216	Unic Line	0037 0473
Supra	0374 0009 0039	United	0037
Susumu	0335	Universum	0346 0105 0535 0473
Sutron	0009		0361 0247 0492 0480
Sydney	0216 0217		0370 0200 0418 0011
Sytong	0216		0146 0512 0294
Tactus	0272		0036 0157 0032 0070
Tandberg	0367	Univox	0337 0087 0037 0163

Set-Up Codes - VCR

Vestel	0037	0217		
Vexa	0009	0037		
Videologique	0216	0218	0217	
VideoSystem	0037			
Videotechnic	0216	0320	0217	
Videoton	0356	0431		
Visiola	0216			
Vision	0037	0320		
Vistar	0276	0206		
Vortec	0037			
Voxson	0087	0076	0037	0363
	0418			
Waltham	0217	0276	0356	0418
	0287	0385	0037	
Watson	0037	0320	0218	0305
	0213	0579	0519	0394
Watt Radio	0213	0102	0216	
Wega	0213	0036	0087	0037
Wegavox	0009			
Weitblick	0037	0320		
White				
Westing-				
house	0320	0216	0037	0337
Windstar	0282			
Xrypton	0037			
Yamashi	0282	0455	0218	0037
	0217			
Yokan	0037			
Yoko	0217	0037	0218	0264
	0009	0431	0421	0305
	0339			
Yorx	0218			
Zanussi	0206	0305	0363	0217
Zenor	0339			

VCRs

Adelsound	0004			
Adyson	0072			
Aiwa	0307	0000	0041	0209
	0348	0352	0037	
Akai	0106	0315	0053	0041
	0020			
Akiba	0072			
Akitan	0295			
Akura	0072	0041		
Alba	0278	0072	0333	0334
	0209	0352	0192	0020
	0295	0000	0315	0352
	0348			
Allorgan	0240			
Allstar	0322	0081		
Ambassador	0020			
Amstrad	0000	0325	0332	0278
	0072			
Anitech	0072	0322		
Ansonic	0004			
Aristona	0081			
ASA	0037	0081		
Asuka	0072	0037	0081	0000
Audiosonic	0278			
Audioton	0020			
Baird	0106	0278	0104	0107
	0041	0000		
Bang & Olufsen	0499			
Basic Line	0278	0209	0020	0072
Bestar	0278	0020		
Black Panther				
Line	0278			
Blaupunkt	0226	0081	0154	0227
	0162	0006	0195	0403
	0034			
Bondstec	0020	0072		
Bosch	0154			
Brandt	0041	0187	0206	0320
	0321	0493		
Brionvega	0344			
Bush	0072	0278	0315	0333
	0334	0209	0352	0293
Canon	0167			
Carena	0209	0081		
Carrefour	0045			
Cathay	0278			
Catron	0020			
CGE	0041	0000		
Cimline	0072	0209		
Clatronic	0020			
Combitech	0352			
Condor	0020	0278		
Crown	0278	0072	0020	0322
Daewoo	0278	0020	0045	
Dansai	0072	0278		
Daytron	0278			
Decca	0000	0041	0081	0008
	0067			
DeGraaf	0042	0166	0081	0104
	0048	0046		
Diamant	0037			
Domland	0209			
Dual	0041	0081	0278	
Dumont	0000	0081	0104	0105
ESC	0278	0240		
Elbe	0278	0038		
Elcatech	0072			
Elin	0240			
Elsay	0072			
Elta	0072	0278		
Emerson	0072	0045		
ESC	0278	0020	0240	
Etzuko	0072			
Europhon	0020			
Ferguson	0107	0041	0320	0321
	0053	0493	0000	
Fidelity	0000	0072		
Finlandia	0104	0081	0042	0166
	0000	0048		
Finlux	0000	0081	0104	0042
	0105			
Firstline	0072	0209	0348	0043
	0037	0045	0042	0088
Fisher	0047	0104	0054	0046
	0038	0020		
Flint	0209			
Frontech	0020	0322		
Fujitsu	0000			
Funai	0000			
Galaxis	0278			
Galaxy	0000			
GBC	0020			
GEC	0081			
General	0020			
General				
Technic	0348			
Genexxa	0104			
Goldhand	0072			
Goldstar	0037	0000		
Goodmans	0000	0072	0240	0278
	0062	0037	0020	0343
	0081	0348	0209	0403
	0293			

Set-Up Codes - VCR

Graetz	0041	0104	0240	0344	Migros	0227	0226	0454	0006
Granada	0104	0046	0048	0081	Minerva	0195			
	0285	0410	0006	0240	Mitsubishi	0043	0067	0075	0081
	0037	0226	0042	0000		0173			
Grandin	0072	0037	0020	0000	Multitech	0000	0072	0020	0104
	0278					0322			
Grundig	0007	0195	0081	0347	Murphy	0000			
	0349	0226	0006	0403	National	0226	0162		
	0320				NEC	0041	0038	0067	0040
Hanimex	0295	0352			Neckermann	0041	0208	0006	0081
Hanseatic	0037	0209	0278			0344			
Hantor	0020				Nesco	0072			
Harwood	0072				Nikkai	0020	0072	0278	
HCM	0072	0322			Nokia	0104	0106	0041	0278
Hinari	0004	0072	0293	0208		0046	0344	0240	0048
	0209	0352	0041	0322		0042	0081		
	0088	0343	0278		Nordmende	0041	0384	0320	0321
Hisawa	0209	0352				0187	0494	0528	
Hitachi	0042	0166	0105	0041	Oceanic	0000	0048	0106	0081
	0285	0410	0000	0240		0104	0041	0046	
	0081	0004	0104		Okano	0315	0209	0348	0072
Hornophone	0081					0322			
Hypson	0072	0209	0278		Orion	0209	0004	0088	0208
Impego	0020					0352	0295	0343	0348
Imperial	0000	0240				0333	0334		
Ingersol	0004	0209			Orson	0000			
Inno Hit	0020	0240	0278	0322	Osaki	0000	0037	0072	
	0072				Osume	0293			
Interbuy	0037	0072			Otake	0333	0334		
Interfunk	0081	0104			Otto Versand	0081			
Intervision	0000	0278	0037	0209	Palladium	0072	0315	0037	0041
	0348					0006	0209	0004	0240
Irradio	0072	0037	0081		Panasonic	0226	0227	0162	0454
ITT	0106	0041	0046	0344	Pathe Cinema	0004	0043		
	0384	0104	0240		Pathe Marconi	0041			
ITV	0278	0037	0020		Perdio	0000	0209		
JVC	0041	0067	0008	0206	Philco	0038	0072		
	0384				Philips	0081	0006	0146	0403
Kaisui	0072				Phonola	0081			
Kendo	0106	0209	0315	0053	Pioneer	0067	0081	0042	
	0348	0072			Portland	0020	0278		
Kenwood	0041				Prinz	0000	0088		
Kimari	0047				Profex	0322			
Kneissel	0352	0209	0348		Profi-Tronic	0081	0240		
Korpel	0072				Proline	0000	0293		
Kuba	0047				Prosonic	0209	0278		
Kyoto	0072				Provision	0278			
LG	0037	0000			Pye	0081			
Leyco	0072	0088			Quelle	0006	0208	0081	0344
Loewe Opta	0081	0006	0037	0105	Radialva	0037	0072	0081	0048
	0004	0454	0162		Radiola	0081			
Logik	0004	0240	0072	0106	Rex	0041	0384		
	0209				RFT	0020	0403	0072	
Luxor	0106	0046	0043	0072	Roadstar	0240	0072	0037	0278
	0062	0104	0047		Royal	0322	0072		
M Electronic	0000	0037			Saba	0041	0187	0206	0320
Magnavox	0081	0403				0321	0384	0494	
Manesth	0072	0045	0081	0209	Saisho	0004	0209	0208	0192
Marantz	0081	0038	0006	0062		0088	0348		
	0295	0209			Salora	0046	0043	0106	0104
Marquant	0322				Samsung	0240	0432		
Matsui	0209	0004	0192	0295	Samurai	0020			
	0348	0037	0208	0088	Sansui	0041	0067	0106	
	0240	0352	0332	0000	Sanwa	0004			
Mediator	0081				Sanyo	0104	0046	0047	0048
Medion	0209	0348			Saville	0352	0278	0240	
M-Electronic	0037	0000			SBR	0081			
Memorex	0104	0000	0046	0037	Schaub				
	0048	0047			Lorenz	0041	0344	0106	0000
Memphis	0072					0104			
Metz	0195	0347	0081	0162					

Set-Up Codes - SAT

Schneider	0072 0000 0037 0081	White Wes-	
	0042 0278 0240	tinghouse	0344
SEG	0072 0240 0322 0278	Yamashi	0072 0278
	0075	Yokan	0072
SEI-Sinudyne	0004 0081	Yoko	0037 0072 0020 0240
Seleco	0041 0008 0384 0020		
	0037		
Sentra	0072 0020 0293		
Sentron	0072		
Sharp	0048 0062		
Shintom	0072 0104		
Shivaki	0037		
Shorai	0088 0004		
Siemens	0195 0006 0037 0104		
	0007 0081 0146 0054		
Sierra	0081		
Silva	0037		
Sinudyne	0004 0081		
Solovox	0020		
Sonitron	0047		
Sonneclair	0072		
Sonoko	0278		
Sonolor	0048		
Sontec	0037		
Sony	0033 0034 0032 0011		
	0106		
Soundwave	0037		
Ssangyong	0072		
Standard	0278		
Starlite	0037 0104		
Stern	0278		
Sunkai	0209 0295 0348		
Sunstar	0000		
Suntronic	0000		
Sunwood	0072		
Supra	0037 0240		
Symphonic	0000 0072		
Taisho	0004 0209 0088		
Tashiko	0000 0048 0240 0081		
	0037		
Tatung	0000 0041 0081 0053		
	0048 0043 0209		
TEC	0020 0278 0072		
Teleavia	0041 0187		
Telefunken	0187 0041 0320 0321		
	0384 0493 0494		
Teletech	0322 0072		
Tenosal	0072		
Tensai	0000 0322 0037 0072		
	0004		
Thomson	0041 0384 0320 0206		
	0321 0493 0494 0528		
Thorn	0041 0104 0037		
Tokai	0072 0037 0041 0104		
Toshiba	0045 0041 0384 0043		
	0081 0403		
Towada	0322 0072		
Towika	0072		
Triumph	0208		
TVA	0020		
Uher	0037 0240 0344		
Ultravox	0344 0278		
Unitech	0240		
United Quick			
Star	0278		
Universum	0000 0325 0081 0240		
	0037 0106 0348 0195		
	0006 0209 0348 0322		
Victor	0008 0067		
Watson	0081		
Weltblick	0037		

Satellite Receivers

AB Sat	0832
Aegir	0520
AGS	0668
Akai	0515 0200
Akena	0668
Alba	0421 0515 0455 0254
	0362 0519 0613 0713
	0734
Aldes	0288 0362 0519 0520
	0734
Allantide	0333
Allsat	0067 0200 0364 0183
	0734
Allsonic	0288 0369
Alltech	0586 0713
Alpha	0668 0200
Altai	0396
Amitronica	0713
Ampere	0368 0396
Amstrad	0080 0461 0252 0345
	0243 0338 0689 0713
	0742 0396
Anglo	0713
Ankaro	0288 0217 0369 0220
	0519 0713
Anttron	0421 0183 0613
Apollo	0421
Arcon	0368 0217 0373 0692
Armstrong	0243
ASA	0397
ASAT	0373 0200
ASLF	0713
AST	0351 0321
Astacom	0668 0710
Aston	0458 0458
Astra	0108 0373 0530 0539
	0518 0344 0513 0243
	0607 0346
Astro	0173 0358 0520 0613
	0369 0501 0658
Athena	0668
Atlantide	0333
Audioton	0364 0613
Aura	0539
Avalon	0396
Axiel	0668
Axis	0530 0369 0366
Barcom	0217
Best	0217 0369
Blaupunkt	0173
Boca	0243 0589 0513 0683
	0794 0829
Brain Wave	0332 0692
Broadcast	0346
Broco	0530 0713
BT Satellite	0515 0668 0710
Bubu Sat	0713
Bush	0254 0067 0328 0522
	0183 0362
BVV	0692
Cambridge	0344 0515 0683

Set-Up Codes - SAT

Canal Satellite	0292	0853	Freecom	0335	0421	0734
Channel			FTE	0368	0331	0683 0589
Master	0362			0369	0713	0656 0811
Citycom	0394	0818 0115	Fuba	0297	0217	0369 0396
Clark	0811			0421	0417	0173 0414
Clatronic	0332			0172	0573	0394 0108
Clemens			G-Sat	0183	0333	
Kamphus	0502	0333	Galaxi	0217		
CNT	0520		Galaxis	0366	0288	0364 0530
Colombia	0668			0592	0369	0656 0813
Columbus	0297			0692	0834	0833 0863
Commander	0220		Galaxisat	0321		
CommLink	0288		GMI	0243		
Comunicado	0366		Goldbox	0292		
Comtec	0288	0366	Goldstar	0335		
Condor	0369	0607	Goodmans	0455		
Connexions	0458	0396 0369	Granada	0108		
Conrad	0607	0589 0573 0115	Grandin	0417		
	0369		Grundig	0173	0328	0571 0750
Contec	0394	0589 0366		0805	0345	
Cosat	0592	0364	Hanseatic	0605		
Crown	0243	0518	Hantor	0421	0332	
Daewoo	0373	0713	Hanuri	0520		
Dansat	0067	0183	Harting &			
Däumling	0794		Helling	0333	0502	
DDC	0362		Hase & Igel	0692		
Dew	0366	0373	Heliocom	0368	0607	
Diamond	0586		Hinari	0362	0183	0421
Discovery	0668		Hirschmann	0287	0333	0397 0173
Diseqc	0710			0573	0495	0442 0502
Diskxpress	0217			0501		
Distrisat	0200		Hisawa	0332		
Ditristrad	0592		Hitachi	0328	0455	
DNR	0692		Houston	0592	0220	0668 0461
DNT	0200	0458 0396	Huth	0346	0607	0332 0364
DST	0421			0366	0288	0220 0589
Dual	0373			0502	0243	0794
Dune	0369		Hypson	0417		
Echostar	0396	0668 0871	Imperial	0254		
EIF	0674	0417	Intertronic	0243		
Einhell	0333	0243 0421 0288	Intervision	0592	0628	0607 0364
	0252	0513 0518 0713	Invideo	0871		
	0501	0794	ITT/Nokia	0328	0108	0573 0172
Elekta	0520			0455	0397	0873 0723
Elsat	0689		Johansson	0332	0364	
Elta	0364	0421 0200 0369	Jok	0690	0710	
Emanon	0421		JVC	0515	0571	
Emme Esse	0369	0502 0328 0871	K-SAT	0713		
Engel	0713		Kathrein	0331	0358	0173 0394
EP Sat	0455			0442	0504	0480 0200
Eurieult	0417			0622	0092	0333 0658
Eurocrypt	0455	0108		0713	0613	0668
Eurodec	0526		Key West	0794		
Europa	0220	0589 0501 0200	Kolon	0421		
European	0794		Kosmos	0331	0442	0335 0502
Eurosat	0243	0586	KR	0613		
Eurosky	0243	0369 0607 0287	Kreiselmeier	0173		
Eurostar	0539	0607	Kyostar	0421	0613	
Exator	0421	0515 0613	LG	0335		
Extra Sat	0519		Lasat	0513	0520	0369 0607
Fagor	0592	0364		0366	0243	0683
Fenner	0668		Lemon	0692	0120	
Ferguson	0067	0183 0455 0336	Lenco	0335	0220	0373 0421
	0614	0328 0711		0713	0692	0530 0498
Fidelity	0252	0461 0368 0501	Lennox	0592		
Finlandia	0455	0108	Lenson	0501		
Finlux	0455	0344 0108 0414	Lexus	0200		
	0573		Leyco	0515		
Fracarro	0421	0668 0871	Lifesat	0605	0369	
France			Lion	0333		
Satellite	0297		Loewe	0243		

Set-Up Codes - SAT

Lorenzen	0220 0692 0794 0607	Oxford	0344 0515 0668
Lorraine	0742	Pace	0455 0328 0067 0183
Lupus	0335		0336 0791 0795
Luxor	0369	Pacific	0586
Macab	0172 0108 0345 0573	Palcom	0297 0362
Manata	0586 0881	Palladium	0243 0571 0421 0518
Manhattan	0710 0668		0501
	0455 0592 0328 0520	Palsat	0501
	0364 0498 0710 0668	Panasat	0879
Marantz	0200	Panasonic	0455 0328
Marave	0417	Panda	0455 0067 0108
Mascom	0442 0811	Paristad	0417
Maspro	0092 0336 0328 0495	Patriot	0515 0668
	0750 0713 0173 0571	Philips	0200 0292 0220 0183
Master's	0394		0455 0328 0667 0750
Matsui	0344 0571 0710 0362		0710 0613 0805 0589
	0173		0217 0668 0853
Max	0607		0571
MB	0605	Phoenix	0366 0183
M & B	0605	Phonotrend	0288 0592 0364 0502
Mediabox	0292 0853		0656
Mediamarkt	0243	PK Sat	0333
Mediasat	0530 0501 0292 0853	Planet	0871
Medion	0713 0369	Polytron	0394 0396
Mega	0200	Predki	0332 0421
Metronic	0519 0421 0417 0243	Preisner	0243 0513 0589
	0613 0288 0520	Premier	0592 0502
Metz	0173	Premiere	0292 0853
Micro		Profile	0668
Elektronik	0713	Prosat	0254 0288 0362 0628
Micro		Protek	0586 0333
Technology	0333 0539 0713 0530	Proton	0333
Microtec	0713	Provision	0520
Minerva	0571	Pye	0571
Mitsubishi	0455	Pyxis	0831
Mitsumi	0513	Quadral	0362 0519 0288 0369
Morgans	0243 0200 0513 0683		0589 0628 0668 0710
	0794 0713 0364 0589	Quelle	0252 0607
	0829	Radiola	0200
Multistar	0331	Radix	0396 0458 0882
Muratto	0335 0321	Rainbow	0613
Mysat	0713	Redpoint	0530
M & B	0539	Red Star	0369
Navex	0332	RFT	0541 0288 0220 0200
Network	0183	Roadstar	0713
Neuhaus	0530 0501 0220 0589	Rover	0628 0713
	0692 0592 0656 0713	Saba	0254 0183 0520 0328
	0834		0336 0614 0690 0734
Neusat	0692 0713 0834		0710 0520 0692 0885
Next Wave	0732	Sabre	0455
Nikko	0243 0713 0723 0734	Sagem	0820
Nokia	0328 0108 0573 0172	Sakura	0366
	0455 0397	Salora	0108 0172
Nomex	0498	Samsung	0287 0421
Nordmende	0362 0455 0520 0421	SAT	0351 0321 0461 0501
	0614 0254		0362
Novis	0332	Satcom	0346 0605
NTC	0502	Satec	0183 0328 0713
Oceanic	0586 0333	Satelco	0369
Octagon	0373 0421 0220 0366	Satford	0346
	0613	Satline	0628
Okano	0243 0502 0331	Satmaster	0346
Optex	0394 0592 0364 0417	Satpartner	0332 0502 0421 0335
	0792 0831		0520 0613 0734 0811
Optima	0502	Sat Team	0368 0713
Orbit	0351 0373 0333	Schäcke	0613
Orbitech	0501 0589 0541 0421	Schneider	0667 0805
	0262	Schwaiger	0394 0183 0605 0504
Origo	0497 0498		0589 0732
Orion	0522	Sedea	
Osat	0345	Electronique	0421

Set-Up Codes - CAB

Seemann	0396	0243	0530	0515	Ventana	0200
SEG	0421	0369	0539	0332	Vestel	0742
	0605	0518	0519	0742	Visosat	0351 0690
Seleco	0592	0364	0871		Viva	0220
Siemens	0173	0683			Vortec	0287 0421
Silva	0335				V-Tech	0351 0321 0690 0818
Skantin	0713				Wela	0589 0713 0794
Skardin	0530				WeTeKom	0829
SKR	0713				Wewa	0333 0455
Skymaster	0288	0519	0605	0628	Winersat	0332
	0713	0880			Wintergarten	0288
Skymax	0200	0333	0539		Wisi	0638 0173 0321 0372
Skytwin	0519					0690 0396 0589 0455
Skyvision	0364					0351
SL	0692				Woorisat	0520
Sony	0704	0455			World	0332
SR	0513				Worldsat	0668
Starion	0539				XCom	0832
Starring	0332				Xrypton	0518 0369
Strong	0421	0613	0369	0520	XSat	0832
	0373	0879	0872		Zaunkönig	0692
STVI	0417				Zehnder	0321 0331 0520 0504
Sumida	0243					0518 0369 0818 0742
Sunny Sound	0369					0394 0114
Sunsat	0713	0530			Zeta	
Sunstar	0513	0243	0369	0794	Technology	0200
Tagra	0364	0297			Zodiac	0613
Tantec	0297	0328	0336	0455	Zwergnase	0794 0243
Tatung	0455					
Techniland	0346	0592	0364			
Technisat	0262	0501	0541	0458		
	0518					
Technowelt	0607					
Teco	0373	0243	0513			
Telesat	0605					
Teleciel	0613	0734				
Teledirekt	0183					
Telefunken	0421	0328	0710			
Teleka	0243	0442	0613	0396		
	0750	0692	0501			
Telemaster	0520					
Telesat	0605					
Telestar	0501					
Televés	0455	0501	0328			
Telewire	0592	0656	0364			
Tensai	0373					
Thomson	0455	0614	0713	0292		
	0853	0328				
Thorens	0586					
Thorn	0328	0455				
Tioko	0394					
Tokai	0200					
Tonna	0346	0455	0592	0668		
	0364	0501				
Toshiba	0455					
TPS	0820					
Trendline	0513					
Trend Plain	0513					
Triad	0351	0335	0321	0333		
	0372					
Triasat	0414	0501				
Triax	0414	0501				
Tristar	0373					
Twinner	0417					
Uniden	0194	0792	0831			
Unisat	0366	0243	0200			
Unitor	0217	0332				
Universum	0173	0571	0397	0607		
	0656	0115				
Variosat	0173					
Vector	0333	0518				

Cable Converters

BT Cable	0105
Cabletime	0271 0377 0448 0665
Cryptovision	0600
Decsat Canal+	0423
Filmnet	
Cablecrypt	0443
France	
Telecom	0451 0817
Grundig	0529
Jerrold	0003 0276
Luxor	0681
M-Net	0443
Nokia	0681
Philips	0619 0451 0817
Pioneer	0144
PVP Stereo	
Visual Matrix	0003
Sagem	0817
Salora	0382 0681
Samsung	0144
Scientific	
Atlanta	0008 0277 0477
Tele+1	0443
Telepiu	0443
Tudi	0286
United Cable	0003
Videoway	0250
Visiopass	0451 0817
Westminster	
Cable	0105 0716









* Excludes a few models in the LX and LS series.

Advanced Features

Controlling Colour & Brightness

Depending on the functions of your original remote control, the ONE FOR ALL 4 may operate the colour and brightness settings of your Television.

By pressing MAGIC followed by a Volume or Channel key, you can access these functions. To adjust the colour and brightness settings:

Colour up =	Press		then hold	
Colour down =	Press		then hold	
Brightness up =	Press		then hold	
Brightness down =	Press		then hold	

Punch Through





You may be able to use some features of your Television, Video Recorder and Satellite Receiver at the same time. If you're watching a programme on your Video, you can adjust the volume (a TV function) without first pressing the TV key. The chart below lists some of the possibilities:

Last Key Pressed:	You Can Control:
VCR	TV volume up and down, mute
SAT	TV volume up and down, mute
AUX	TV volume up and down, mute

Advanced Features

Teletext and Fasttext

The ONE FOR ALL 4 is designed to operate the basic functions of teletext (text on, text off, expand and hold).

Symbol	Title	Description
	TEXT	Puts the Television in the teletext mode.
	TV	Switches the Television back to regular viewing mode. On some Televisions, this may be done by pressing the TEXT key several times.
	EXPAND	Shows the top half of the teletext page in larger letters. By pressing again, you can see the bottom half of the teletext page enlarged. To return to regular teletext viewing, press the EXPAND key again, or press the TEXT key, depending on your television.
	HOLD/STOP	Stops changing pages.

The keys marked red, green, yellow and blue are used to access the fasttext functions of your TV.

Important note: For a more detailed explanation of teletext and fasttext, please refer to the manual of your Television. Remember, different Televisions control teletext and fasttext features in different ways. Not all of the teletext functions may be available for your particular model.

Advanced Features

Menu

If your original remote had Menu control, your ONE FOR ALL 4 will be able to control this feature. To use Menu, find the description below which describes how your original remote navigated through menu.

Original remote used Up, Down, Left, Right:

After pressing the Menu key on the ONE FOR ALL 4, the Volume and Channel keys can be used as directional keys. Use them the same way you did to navigate through the menu screen with your original remote control.

CH+ = Up
CH- = Down
Vol ▲ = Right
Vol ▼ = Left
Mute = OK

Original remote used Red, Green, Yellow and Blue:

On some devices Menu is activated by pressing one of the Fastext keys (red, green, yellow or blue). The ONE FOR ALL 4 will access menu in the same way. To navigate through the menu screens, use the same keys as you did on your original remote control.

Important notes:

- To exit out of Menu, simply press the Menu key again.
- During Menu operation, the red LED will blink every 3 seconds indicating the ONE FOR ALL is in Menu control. In this state the volume +/- and channel +/- are not accessible.
- Menu will cancel automatically if a key is not pressed within 20 seconds.
- If your original remote required you to press an "OK" or "Enter" key, this function can be found under the Mute key during Menu control.
- For a more detailed explanation of Menu, please refer to the manual of your device. Remember not all devices operate menu in the same way.

Advanced Features





Sleeptimer

Sleeptimer is a feature which comes built into many TVs and Satellites. It allows you to set your device to turn off within a certain amount of time. This feature comes in handy if, for example, you enjoy falling asleep with your television on.

With the ONE FOR ALL, there are two ways to use the sleeptimer. If your TV or Satellite came with this feature built in, follow the instructions "Device Sleeptimer" below. If your device did not come with this feature, follow the instructions "ONE FOR ALL Sleeptimer"

Device Sleeptimer

If your TV or Satellite has a "Sleeptimer" function built in, you can access this function with your ONE FOR ALL remote. To do so:

- 1 Make sure your TV (or Satellite) is switched on.
- 2  or  Press the device key (**TV** or **SAT**).
- 3  Point the ONE FOR ALL at your TV (or Satellite) and press and release **MAGIC** then press **POWER**. You should see the Sleeptimer activate on your TV screen. To increase the timer, simply press **POWER** again (within 5 seconds) until the timer gets to the desired time. 

To deactivate the Sleeptimer, repeat steps 1-3 above. During step 3, continue pressing Power until the timer indicates zero minutes.

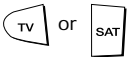

Important note: Remember, your device must have its own Sleeptimer function in order for the above instructions to operate. If your device does not have its own Sleeptimer, follow the instructions outlined on the next page.

Advanced Features

The ONE FOR ALL Sleptimer

Your ONE FOR ALL remote comes with an internal Sleptimer function for those devices (TV or Satellite) which did not come standard with this function. To use the ONE FOR ALL Sleptimer:





Making your ONE FOR ALL ready for Sleptimer:

-  Press the device key (**TV** or **SAT**).
-  Then, **press and hold MAGIC** until the red light blinks twice. Press **970**. The red light will blink twice again. It is only necessary to perform steps 1 and 2 once. Now to set the timer, continue with the steps below.

Setting the ONE FOR ALL Sleptimer:

It is possible to set the timer for 15, 30, 45 or 60 minutes. To do this, first make sure your TV (or Satellite) is switched on. **Press the Device key (TV or SAT).**

Then, Press and release **MAGIC** then press **POWER**.

-  (:15) The red light will blink *once* which indicates the timer is set for 15 minutes.
-  (:30) To increase the timer, simply press **POWER** again (this must be done within 5 seconds). The light will blink *twice* indicating the timer is set for 30 minutes (2x 15). You can press **POWER** to a maximum of four times which will set the timer to 60 minutes.
-  (:45)
-  (:60)

Once you have set the timer to the desired time, set your ONE FOR ALL remote down, pointing it at your device. When the programmed amount of time has elapsed, the ONE FOR ALL will send the command for Power, hence turning off your device.

Important notes:




- The red light on the ONE FOR ALL will blink every 15 seconds indicating that the remote is in Sleptimer mode.
- To deactivate the Sleptimer, simply press any key on the ONE FOR ALL remote.
- Also, it is only necessary to follow steps 1 and 2 above one time. For subsequent use of the Sleptimer, simply begin with "Setting the Sleptimer".
- To switch the ONE FOR ALL back to Device Sleptimer (page 25), repeat steps 1-2 above. The red light will blink 4 times.
- Remember, when using the ONE FOR ALL Sleptimer, you must set the remote so it is pointing to your device.


Programme Scan

Scan

Your ONE FOR ALL 4 comes with a special Scan function which lets you "scan" through every programme available on your TV, VCR, Satellite or Cable Box.

For example, to scan the programmes on your TV:

- 1**    Aim the ONE FOR ALL 4 at your TV. Press the **TV** key. Press and release **MAGIC** then press the **MUTE** key.

The ONE FOR ALL 4 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 ONE FOR ALL at your device the entire time you are using Scan.
- 2**  When you find a programme you would like to watch, simply press the device key you are using (TV, VCR, SAT). In this case press the **TV** key.

Important notes:


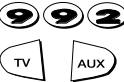




- To use Scan with your VCR, Satellite or Cable Box, follow the same instructions above, only press the VCR or SAT key during step 1 and 2.
- Scan may not function with devices that did not have a programme +/- key on the original remote control.

Advanced Features

Using the AUX Key

The AUX key on your ONE FOR ALL 4 can be used to control a second Television, Video Recorder or Satellite Receiver.

To set up the AUX key to control a second TV:

-  **1** Press and hold down the **MAGIC** key until the red light blinks twice (the light will blink once, then twice).
-  **2** Press **9 9 2 TV AUX**. The LED will blink twice.
-  **3** Find your Television code in the Set-Up Code section (starting on page 11). Codes are listed by brand name. The most popular code is listed first. Make sure your Television is switched on.
-  **4** Press and release your ONE FOR ALL 4's **AUX** key, then press and hold down the **MAGIC** key until the ONE FOR ALL 4's red light blinks twice.
-  **5** Enter your **four-digit TV code** using the number keys. The red light will blink twice.
-  **6** Now, aim your ONE FOR ALL 4 at your Television and press **POWER**. If your Television switches off, your ONE FOR ALL 4 is ready to run your Television. When you want to control your second TV, press AUX first.

Make sure you write down your code in the boxes provided inside the battery compartment and on page 10 for easy future reference.

Important notes:

- To set up a second Video Recorder or Satellite, follow the same instructions above, only press the VCR or SAT key during step 2.
- To set up your Cable Box, follow the instructions above only press the SAT key during step 2.

Advanced Features

Changing the Device Keys

If you want, you can change any of the device keys (TV, VCR, SAT or AUX) to operate another type of device. The chart below lists how to change the keys and to set up that device:

To programme a:	Press:
TV on the AUX key	MAGIC* 992 TV AUX, then AUX MAGIC* TV Code
VCR on the AUX key	MAGIC* 992 VCR AUX, then AUX MAGIC* VCR Code
SAT on the AUX key	MAGIC* 992 SAT AUX, then AUX MAGIC* SAT Code
VCR on the TV key	MAGIC* 992 VCR TV, then TV MAGIC* VCR Code
SAT on the TV key	MAGIC* 992 SAT TV, then TV MAGIC* SAT Code
TV on the VCR key	MAGIC* 992 TV VCR, then VCR MAGIC* TV Code
SAT on the VCR key	MAGIC* 992 SAT VCR, then VCR MAGIC* SAT Code
TV on the SAT key	MAGIC* 992 TV SAT, then SAT MAGIC* TV Code
VCR on the SAT key	MAGIC* 992 VCR SAT, then SAT MAGIC* VCR Code

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

To reset a device key to its original function, press:

TV key	MAGIC* 992 TV TV
VCR key	MAGIC* 992 VCR VCR
SAT key	MAGIC* 992 SAT SAT
AUX key	MAGIC* 992 AUX AUX

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

Trouble-Shooting

Helpful Hints

Problem:	Solution:
Red light does not blink when you press a key?	Replace batteries with 2 fresh, new "AA" alkaline batteries.
The ONE FOR ALL does not respond after pressing a key?	Make sure you are using new batteries and are aiming the at your device.
The ONE FOR ALL does not operate your device(s)?	A) Try all the codes listed for your brand. B) Try the search method on page 8.
Your brand is not listed in the code section?	Try the search method on page 8.
The ONE FOR ALL is not performing commands properly?	You may be using the wrong code. Try repeating the Direct Set-Up using another code listed under your brand or start the search method over again to locate the proper code.
Press a key but get the wrong result?	Hold MAGIC until the red light blinks twice, then press 992 and the device key twice. You will need to set-up your device again. Try the codes for brand or the search method on page 8.
Problems changing channels?	Enter the programme number exactly as you would on your original remote.
You cannot control the volume feature of your Satellite, Cable Converter or TV/Video Combination unit.	Hold MAGIC until the red light blinks twice. Then press 993 then Vol+. To set the Volume back to TV (Punch-Through), hold the MAGIC until the red light blinks twice, then press 993 TV.
Video not recording?	As a safety feature on your ONE FOR ALL, you must press the Record key twice.
You're having problems operating all the functions of your device	The ONE FOR ALL may just need customising for your model type. Just call our consumer help-line and we'll get you on the right track.

Trouble-Shooting

Consumer Help-Line

If you have any questions about the operation of your new ONE FOR ALL 4 Universal Remote Control, you may call our consumer help-line for assistance. Before calling, please read this manual carefully to find an answer to your question. If you cannot find a solution in this manual, we ask that you complete the information below on all your equipment before calling. **Please ensure you have this information ready upon speaking to our customer service department also if done via fax or e-mail.**

- In the UK: phone: 0800 966 194
 fax: +31 53 432 9816
 e-mail: ofahelp@ueic.com
 hours: 9 am-7 pm Mon-Fri / 9 am-3 pm Sat

- In Ireland: phone: 1-800 553 118
 fax: +31 53 432 9816
 e-mail: ofahelp@ueic.com
 hours: 9 am-7 pm Mon-Fri / 9 am-3 pm Sat

- In Australia: phone: 1-800 064 472
 e-mail: ofahelp@ueic.com

We need to know:

- **Your remote model: URC-7540**

- **Date of purchase:** / /

 day/month/year

- **Your devices:**
(The first row is an example of how to complete this table)

TYPE	BRAND	MODEL NR.	REMOTE MODEL NR.	ONE FOR ALL CODE
<i>TV</i>	<i>Sony</i>	<i>KVX-2950B</i>	<i>RMT-V131B</i>	<i>0011</i>

Type numbers can be found in your equipment's owner's manual or on the factory plate behind the device.

Guarantee

UNIVERSAL ELECTRONICS INC./ONE FOR ALL warrants to the original purchaser that this product will be free from defects in materials and workmanship under normal use for a period of ninety (90) days from the date of the original purchase. Product will be replaced free of charge if it has been proven to be defective within the 90-day period when said product is returned at customer expense within the warranty period. THIS WARRANTY DOES NOT COVER ANY EXPENSES INCURRED IN THE REMOVAL AND REINSTALLATION OF THIS PRODUCT.

This warranty does not cover damage or failures caused by products or services not supplied by ONE FOR ALL, or which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, maladjustment of consumer controls, modifications, commercial use, fire, water, lightning or other acts of God. This warranty does not cover cartons, carrying cases, batteries, broken or marred cabinets, or any other items used in connection with the product.

There are no express warranties except as listed above. ONE FOR ALL SHALL NOT BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT OR ARISING OUT OF ANY BREACH OF WARRANTY. ALL EXPRESS AND IMPLIED WARRANTIES, INCLUDING THE WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED TO THE WARRANTY PERIOD SET FORTH ABOVE. Some countries do not allow the exclusion or limitation of incidental or consequential damages, or limitation on how long an implied warranty lasts, so the above exclusions or limitations may not apply to you. This warranty gives you specific legal rights and you may also have other rights which vary from country to country.

To obtain warranty service during the warranty period, please carefully pack the product and send it prepaid and adequately insured to the address below, together with your purchase receipt or other proof of the date of original purchase.

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