

**ONE
FOR ALL®**

5

URC-7550

ONE FOR ALL 5

Universal Remote

USER GUIDE & CODE BOOK



Retain For Future Reference

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About Your ONE FOR ALL 5

Your ONE FOR ALL 5 Package contains:

Your ONE FOR ALL 5 Remote
Your ONE FOR ALL 5 Manual

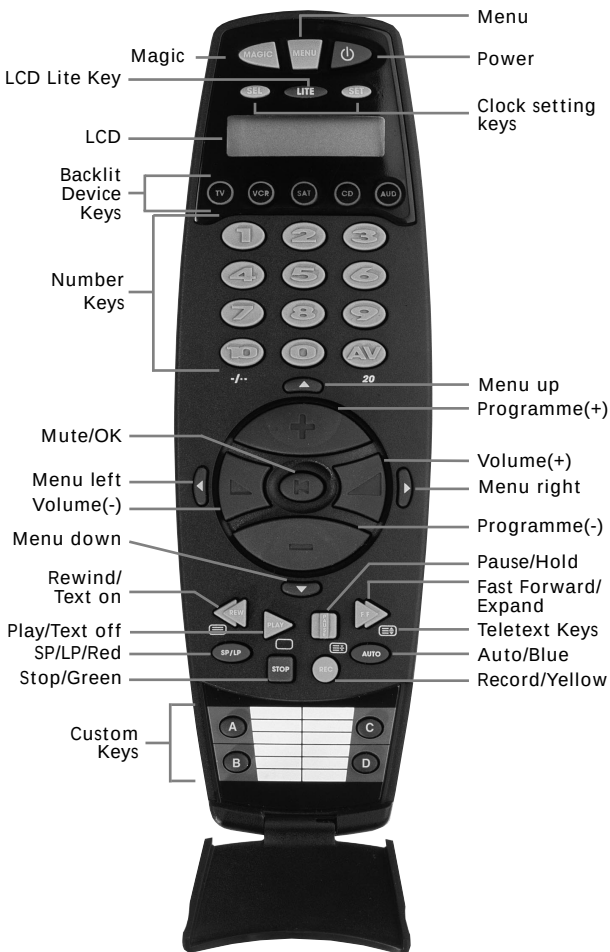
Your manual is divided into two parts: set-up instructions and device codes. **You may need this guide again in the future, so please be sure to keep it.**

Your ONE FOR ALL 5 needs 2 new "AA/LR6" batteries.

Your ONE FOR ALL 5 is designed to let you use one remote to operate your Video and Audio equipment; any device designed to be operated by an infrared signal. This also includes those devices which operate over 100 kHz. You can choose a combination of five devices you would like to operate. Also, what makes the ONE FOR ALL 5 even more unique is the "Learning" feature which allows you to customise any of the special functions of your original remote control onto the keypad of your new ONE FOR ALL.

The following pages explain in simple steps how to customize the ONE FOR ALL 5 to your home entertainment needs.





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 13-24**. 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.

Make sure you install the batteries in your ONE FOR ALL before following the instructions below.

Make sure your device is switched on (not in standby).

- 1.** Press device key:
TV or VCR or SAT
CD or AUD
- 2.** Press and hold  until the device key blinks twice (the device key will blink once and then twice). Then release.
- 3.** Enter (4-digit code). See pages 13-24. The device key will blink twice.
- 4.** Aim remote at your device and press  (or PLAY).

NOTES:

- 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 on page 12 and inside the battery compartment for easy future reference.

Quick Search

Make sure your device is switched on (not in standby).

Make sure you aim your ONE FOR ALL at your device during "Quick Search".

- 1.** Aim your ONE FOR ALL at your device and press a device key:
TV or VCR or SAT
CD or AUD
- 2.** Press and hold  until the device key blinks twice. (The device key will blink once then twice).
- 3.** Press   
- 4.** Slowly alternate between the device key (ie: ) and  until your device turns off.
- 5.** When your device turns off, press . The device key will blink twice. Your device is set up.

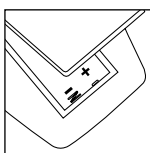
NOTES:

- During step 4, you may have to press these keys many times, so please be patient.
- If the original remote control does not have a power key, press PLAY instead of POWER during step 4.

Installing the Batteries

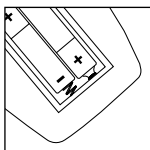
Your ONE FOR ALL 5 needs 2 new “AA/LR6” alkaline batteries.

1



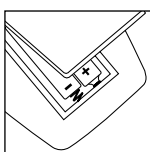
Remove the battery cover from the back of your ONE FOR ALL 5 by pressing down on the tab.

2



Match the batteries to the + and - marks inside the battery case, then insert the batteries.

3



Press the battery cover back into place.

Important notes:

- 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 5 is set up for your device. Please write down your codes for easy, future reference.
- Do not use rechargeable batteries
- Upon changing the batteries, your set-up codes and advanced programming will be retained.

The Keypad

Function



Magic Key

The Magic key is used to set up your ONE FOR ALL 5 and to access special functions.



Menu Key

The Menu key (see page 28) controls the same function as it did on your original remote. If available on your original remote control, this key will allow you to access the Surround mode of your device.



Power Key

The Power key controls the same function as it did on your original remote.

LCD

LCD

The Liquid Crystal Display features a 12 or 24 hour clock (see page 7).

The Keypad

Function



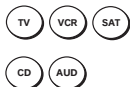
Lite Key

This key will light up the display of your clock.



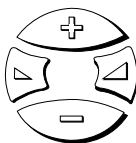
SEL and SET Keys

The SEL and SET keys are used to set up the clock functions (see page 7)



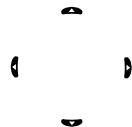
Backlit Device Keys

The TV, VCR, SAT, CD and AUD 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, etc. For more detailed information, please refer to the chart on page 6. During operation of the ONE FOR ALL the device key will light up to indicate the mode you are using.



Volume, Programme Keys

The Volume and Programme keys control the two most frequently used functions of your devices. They operate just as the keys on your original remote. These keys are also used to adjust colour and brightness (see page 26 for further explanation)



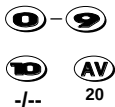
Directional Keys

If available on your original remote, these keys will allow you to navigate through the Menu (see page 28) and the Surround Sound mode of your device.



Mute Key

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 29). Also, if your original remote control required that you press an "OK" or "ENTER" key during Menu operation, the Mute key can be used for this function.



Number Keys

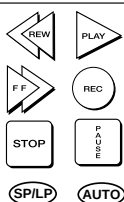
The Number keys (0-9, 10, 20) provide functions just like your original remote, such as direct access programme selection. If your original remote uses one/two digit input switching (-/-- symbol), this function can be obtained by pressing the -/-- key, which is the same as the 10 key. If your original remote has a 20 key this function can be found under the AV key.



The AV key operates the same function it did on your original remote control. Also, if your original remote control required that you press an "EXIT" key during Menu operation, the AV key can be used for this function. In VCR mode it obtains the TV/VCR function.

The Keypad

Function



Video Recorder Keys

After pressing the VCR key, the Video Recorder keys operate the functions of your Video Recorder. To prevent accidental recordings, the Record key must be pressed **twice** to start recording.

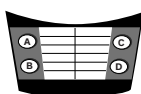
The SP/LP key controls the tape speed function, the AUTO key controls the auto tracking function just like on your original remote.

Teletext and Fastext Keys

After pressing the TV key, the top row of the VCR keys is 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 have Teletext capability.

- | | | |
|--|------------------|---|
| | TEXT ON | Puts the television in the Teletext mode. |
| | TEXT OFF | Switches the television back to regular viewing mode. On some televisions, this may be done by pressing the TEXT ON key several times. |
| | HOLD/STOP | Stops changing pages. |
| | 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 ON key, depending on your television. |
| | (red) | After pressing the TV key and accessing the text mode, the bottom row of the Video Recorder keys marked red, green, yellow and blue, allow you to access the Fastext functions of your television. Again, your television must have fastext capability to operate these functions. If on your original remote control these keys are used for Menu navigation, the ONE FOR ALL Fastext keys may operate the same. |
| | (green) | |
| | (yellow) | |
| | (blue) | |

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



Custom Keys

The Custom Keys are spare keys which give you the possibility to customize the ONE FOR ALL remote using the Learning and Key Magic® features (page 33 and 35). These keys can also be used to program Macros (see page 31).

For your convenience, the ONE FOR ALL 5 comes with an adhesive overlay to label the "custom keys". To use the overlay:

1. Remove the label from under the door.
2. Peel off the transparent protective cover from the front.
3. Write down the appropriate functions in the white area next to the appropriate key you have customized.
4. Peel off the backing sheet.
5. Stick the label back in place.

Setting the Clock

After having installed the batteries you will get the real time mode on the display.

Setting the Clock

1. Press **SET** key 4 times.
2. Adjust the **month** by using the **SEL** key.
3. Press the **SET** key once.
4. Set the **day**, using the **SEL** key.
5. Press the **SET** key once to get the hour adjustment mode of the real time.
6. Adjust the **hour** using the **SEL** key.
7. Press the **SET** key once.
8. Adjust the **minutes** use the **SEL** key.
9. When the minutes for the real time are installed, press the **SET** key once, then the **SEL** key to exit the clock adjustment time.

During the set up of the real time, you can choose between a **12-hour** clock format and the **24-hour** clock format. The "**A**" denotes the **A.M.** of the 12-hour format the "**P**" denotes the **P.M.** of the 12-hour format and the "**H**" denotes the **24-hour** format. The hour format can be changed by continuing to press the **SEL** key during step 5.

Setting the Alarm

1. Press on the **SET** key once. The display will change to the alarm time and blink.
2. Press the **SET** key again.
Use the **SEL** key to set the hour of the alarm time.
3. Press once the **SET** key.
4. Set the minutes for the alarm time using the **SEL** key.
5. When the alarm time is set up, press the **SET** key once to exit the alarm adjustment time.

Notes:

- The Alarm time hour format will update automatically to the real time hour format.
- When the alarm goes off you can stop it by pressing the **SET** key.

Turning the alarm/chime on and off

The display screen will read the real time

1. Press the **SET** key once. The display will change to the alarm time mode (which will blink continuously)
2. Now use the **SEL** key to turn off or on the chime and alarm of your clock.
3. Press the **SET** key 3 times to exit this feature.

Installation

Setting Up Your Television

To set up the ONE FOR ALL 5 for your TV, follow the instructions below.

- 1**  Find your 4-digit Television code in the Set-Up Code section (starting on page 13). Codes are listed by brand name. The most popular code is listed first. **Make sure your Television is switched on (not in standby).**
- 2**  Press and release your ONE FOR ALL 5's **TV** key.
- 3**  **Press and hold down the MAGIC key** until the TV key blinks twice (the TV key will blink once then twice).
- 4**  Enter your **four-digit TV code** using the number keys. The TV key will blink twice.
- 5**  Now, aim the ONE FOR ALL 5 at your Television and press **POWER**. If your Television switches off, your ONE FOR ALL 5 should be ready to run your Television.
- 6** Turn your device back on and try all the remote's functions to ensure they are working properly (you may need to press a number key instead of power). If the functions do not work properly, repeat steps 1-5 using another code listed under your brand.
- 7** **Write your code in the boxes provided in the battery compartment and on page 12 for easy future reference.**

Important notes:

- 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 does not respond, follow steps 1 through 6 with each code listed for your brand. If none of the codes listed for your brand operate your device or if your brand is not listed at all, try the search method described on page 10.
- Remember, to control your television after the ONE FOR ALL is set up, you must press the TV key.

Setting Up Your Other Devices

To set up the ONE FOR ALL 5 for your other devices:

- 

Find the code for your device in the Set-Up Code section (starting on page 13). Codes are listed by device type and brand name. The most popular code is listed first. **Make sure your device is switched on (not in standby).**

- Press the device key** on the ONE FOR ALL 5 for the device you wish to control. Devices can be found under the following key:

<u>Device</u>	<u>Device Key</u>
Television	TV key
Video Recorder	VCR key
Satellite Receiver / Cable Converter	SAT key
CD Player / Mini Disk Player	CD key
Audio Amplifier	AUD key
Tuner	AUD key
Miscellaneous Audio	AUD key

- 

Press and hold down the MAGIC key until the device key blinks twice. (The device key will blink once and then twice.)

- 

Enter your **four-digit device code** using the number keys. The device key will blink twice.

- 

Now, aim the ONE FOR ALL 5 at your device and press **POWER**. If your device switches off, the ONE FOR ALL 5 is ready to operate your device.

- Write your code in the four boxes provided in the battery compartment and on page 12 for easy future reference.**

Important notes:

- If your device's original remote control does not have a power key, press PLAY instead of POWER when setting up your device.
- Remember to press the correct device key before operating your device. Only one device (CD, amplifier, TV, etc.) can be assigned to a device key. If your original remote operates more than one device (for example, a receiver and CD player in one remote), you need to set up each device separately.
- If your device 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, or if your brand is not listed at all, try the search method described on page 10.

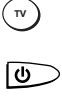
Installation

The Search Method

If your device does not respond to the ONE FOR ALL 5 after you have tried all the codes listed for your brand, try searching for your code. The Search Method allows you to find the code of your device by scanning through all the codes contained in the memory of the ONE FOR ALL 5. The Search Method may also work if your brand is not listed at all.

If you cannot get your ONE FOR ALL 5 to control your television.

To search for your TV code:

- 1** Switch your television on (not in standby) and aim your ONE FOR ALL at your TV.
- 2**  Press the **TV** key on your ONE FOR ALL 5.
- 3**  **Press and hold down MAGIC** until the ONE FOR ALL 5's TV key blinks twice (The TV key will blink once and then twice).
- 4**  Press **9 9 1**. The TV key will blink twice (The TV key will blink once and then twice).
- 5**  Now slowly, 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 5 at your television when you press the TV and POWER keys.
- 6**  As soon as your television turns off, press **MAGIC**.
- 7** 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 another device follow the instructions above only press the appropriate device key (see chart on page 9) instead of TV during steps 2 and 5.
- If the original remote control of your device does not have a power key, press PLAY instead of POWER during step 5.
- During step 5, 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 useful to know the device 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** once.
- 2**  **Press and hold MAGIC** until the ONE FOR ALL 5's TV key blinks twice (The TV key will blink once and then twice).
- 3**  Press **9 9 0**. The TV key will blink twice.
- 4**  For the first digit of your four-digit code, press **1** and count all the red blinks. If there are no blinks, the digit is "0".
- 5**  For the second digit, press **2** and count all the red blinks. If there are no blinks, the digit is "0".
- 6**  For the third digit, press **3** and count all the red blinks. If there are no blinks, the digit is "0".
- 7**  For the fourth digit, press **4** and count all the red blinks. If there are no blinks, the digit is "0". 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 12 for easy future reference.

Important note: To blink back the code for your other devices press the appropriate device key 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.

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

Device Type

Code

1. _____

2. _____

3. _____

4. _____

5. _____

Set-Up Codes (4 digits)

Televisions

2510991	A.R.Systems	0037	0352
2510005	Acura	0009	
2510010	Admiral	0087	0093 0418
		0305	0264
2510012	Adyson	0217	0216
2510014	Agazi	0264	
2510015	AGB	0516	
2510997	Agef	0087	
2510017	Aiko	0216	0009 0037
		0371	0035 0072
		0361	0264 0217
2510018	Aim	0037	
2510020	Akai	0361	0208 0371
		0037	0035 0009
		0072	0218 0163
		0516	0602 0556
		0548	0480 0217
		0631	
2510021	Akiba	0218	0282 0455
		0037	
2510022	Akito	0272	
2510023	Akura	0218	0359 0282
		0009	0412 0264
		0037	
2510024	Alba	0218	0235 0009
		0418	0370 0355
		0371	0037 0216
		0247	0163 0487
		0036	0668
2510026	Alcyon	0076	
2510029	Allorgan	0206	0294 0217
2510032	Allstar	0037	
2510041	Amplivision	0217	0400 0320
		0370	
2510042	Amstrad	0177	0009 0516
		0264	0354 0218
		0371	0362 0412
		0037	
2510044	Anglo	0009	0264
2510045	Anitech	0009	0076 0264
		0037	
2510047	Ansonic	0370	0292 0102
		0009	0037 0374
		0163	0411 0259
		0247	0012
2510050	Apollo	0473	
2510053	Arc en Ciel	0399	0109 0568
		0333	
2510054	Arcam	0216	0399 0217
2510057	Aristona	0037	0556 0012
2510059	Arthur Martin	0163	0400
2510060	ASA	0105	0346 0070
		0104	0087
2510062	Asberg	0037	0076
2510070	Asuka	0218	0264 0216
		0282	0217
2510072	Atlantic	0037	0216 0206
		0259	0320
2510074	Atori	0009	
2510075	Auchan	0163	0400
2510080	Audiosonic	0037	0109 0217
		0370	0337 0264
		0218	0486
2510081	Audioton	0217	0486 0370
		0264	
2510084	Ausind	0076	

2510085	Autovox	0087	0206 0237
		0076	0349 0217
		0247	
2511156	Awa	0011	
2511081	Ayomi	0238	
2510091	Baird	0109	0193 0343
		0190	0192 0072
		0073	0217 0208
2510093	Bang & Olufsen*	0565	0087
2510094	Barco	0380	0163
2510097	Basic Line	0218	0009 0374
		0037	0567 0163
		0282	
2510098	Bastide	0217	
2510099	Baur	0303	0195 0512
		0037	0554 0361
		0349	0505 0010
2511082	Bazin	0217	
2510103	Beko	0370	0486 0037
2510105	Beon	0037	0418
2510106	Best	0337	0370
2510107	Bestar	0037	0370 0374
2510108	Binatone	0217	
2510110	Black Star	0247	
2510111	Blacktron	0282	
2510112	Blackway	0282	
2510113	Blaupunkt	0554	0195 0200
		0327	0328
2510114	Blue Sky	0218	0282 0455
		0037	0487 0668
2510115	Blue Star	0282	
2510118	Bondstec	0247	
2510119	Boots	0272	0217
2510121	BPL	0282	0037
2511068	Brandt	0109	0399 0237
		0333	0287 0335
		0568	
2510126	Brinkmann	0418	0037
2511030	Brionvega	0037	0087 0362
2510128	Britannia	0216	0217
2510133	Bruns	0087	
2510134	BSR	0163	0294
2510138	BTC	0218	
2510139	Bush	0218	0235 0163
		0349	0009 0036
		0282	0037 0272
		0355	0371 0374
		0519	0264 0361
		0487	0208 0294
		0217	0668
2510149	Capsonic	0264	
2510150	Carena	0455	0037
2510151	Carrefour	0036	0070
2510998	Cascade	0009	0037
2510155	Cathay	0037	
2510160	Centurion	0037	
2510161	Century	0087	0247
2510162	CGE	0074	0084 0076
		0247	0163 0418
		0370	
2510167	Cimline	0009	0235 0218
2510169	City	0009	
2510172	Clatronic	0218	0264 0370
		0371	0217 0076
		0247	0037 0009
		0102	0320
2510186	Concorde	0009	
2510187	Condor	0216	0247 0282
		0320	0037 0370
		0009	0102 0411
2510191	Contec	0216	0009 0157
		0011	0036

2511075	Continental Edison	0109 0237 0399 0333 0287 0487 0568
2510194	Cosmel	0009 0337
2510196	Crosley	0087 0247 0074 0084 0076 0163
2510197	Crown	0009 0370 0486 0076 0037 0359 0579 0418 0208 0487
2510200	CS Electronics	0247 0216 0218
2510201	CTC	0247
2510203	Cybertron	0218
2510205	Daewoo	0009 0037 0216 0374 0218 0217 0499
2510206	Dainichi	0218 0216
2510207	Dansai	0037 0264 0035 0216
2511083	Dantax	0370 0486
2510209	Dawa	0037
2510210	Daytron	0009 0374
2510214	Decca	0072 0516 0037 0272 0217
2510216	DeGraaf	0208 0044 0227 0163
2510999	Denko	0264
2510219	Derwent	0201
2510220	Desmet	0320 0037
2511000	Diamant	0037
2510232	Dixi	0009 0037
2510235	Domland	0394
2510237	Doric	0201
2510239	DTS	0009
2510240	Dual	0349 0217 0343 0259 0519 0037 0352 0394 0399 0303
2510242	Dual-Tec	0217 0163 0259
2510243	Dumont	0087 0104 0102 0217 0070
2510247	Dynatron	0037
2510252	Elbe	0435 0238 0259 0362 0292 0370 0163 0037 0218 0411 0610
2510254	Elcit	0087 0247 0516 0102 0163
2510255	Elekta	0264 0282
2510259	Elin	0216 0037 0105 0104 0548 0361 0305 0349 0163 0009
2510260	Elite	0218 0037
2510261	Elman	0102
2510263	Elta	0009
2510265	Emerson	0177 0087 0247 0037 0371 0070
2510267	Emperor	0282
2510271	Erres	0037 0012
2510273	Etron	0037 0009 0163
2510276	Euro-Feel	0264
2510278	Euromann	0216 0264 0037 0217 0370
2510280	Europhon	0037 0516 0102 0217 0247 0163
2510291	Expert	0206 0400 0259 0163 0305
2511001	Exquisit	0037
2510294	Fenner	0374 0009
2510295	Ferguson	0073 0287 0192 0190 0335 0238 0193 0109 0625

2510297	Fidelity	0193 0216 0371 0163 0264 0037
2510301	Finlandia	0208 0346 0359 0548 0361
2510302	Finlux	0105 0104 0037 0346 0217 0072 0163 0076 0516 0070 0087 0179 0102 0411
2510304	Firstline	0294 0321 0216 0037 0374 0247 0009 0163 0102 0217 0411 0349 0238 0072 0235 0668
2510305	Fisher	0104 0217 0036 0208 0370 0045 0087 0157 0361 0163 0303 0349 0072
2510307	Flint	0037 0455 0072 0218
2511002	FNR	0102
2510308	Forgestone	0193
2510309	Formenti	0087 0216 0320 0163 0076
2510310	Fortress	0093 0087
2510313	Fraba	0370 0037
2510319	Frontech	0247 0264 0349 0217 0009
2510322	Fujitsu	0206 0072 0102 0217
2510323	Funai	0264 0294 0179
2510326	Galaxi	0102 0037
2510327	Galaxis	0370 0418 0037 0102
2510331	GBC	0163 0009 0374 0218
2511003	Geant Casino	0163 0400
2510335	GEC	0043 0072 0163 0361 0516 0037 0217 0349
2510336	Geloso	0247 0009 0163 0374
2510337	General	0109 0287 0471
2510338	General Technic	0009
2510339	Genexxa	0218 0037 0412
2510346	Goldline	0337
2510347	Goldstar	0037 0370 0009 0377 0217 0247 0216 0163 0361
2510349	Goodmans	0036 0072 0037 0009 0264 0516 0179 0374 0487 0371 0499 0556 0343 0235 0035 0480 0217
2510350	Gorenje	0370
2510351	GPM	0218
2510353	Granada	0037 0400 0226 0356 0359 0012 0045 0072 0108 0208 0217 0076 0036 0516 0201 0473 0335
2510354	Grandin	0282 0218 0400 0037 0009 0320 0163 0455 0579 0610
2510355	Grundig	0195 0554 0487 0070 0076 0237 0037 0556
2510359	Halifax	0264 0216 0217
2510360	Hampton	0216 0217

2510362	Hanseatic	0037	0292	0282
		0349	0163	0361
		0394	0320	0370
		0009	0294	0217
		0519		
2510363	Hantarex	0009	0037	
2510364	Hantor	0037		
2511084	Harwood	0009	0412	0037
2510370	HCM	0264	0009	0282
		0412	0217	0218
		0418	0037	
2510372	Hema	0217	0009	
2510373	Hemmermann	0349		
2510374	Hifivox	0109	0399	0568
2510376	HiLine	0264	0037	
2510377	Hinari	0208	0179	0036
		0037	0218	0009
		0163	0355	0443
		0487	0235	
2510380	Hisawa	0282	0218	0400
		0455		
2511004	Hit	0087		
2510381	Hitachi	0225	0036	0349
		0356	0044	0043
		0473	0163	0343
		0578	0217	0227
		0194	0516	0072
		0481	0499	0037
		0563	0145	0105
2510383	Hornyphone	0037		
2510384	Hoshai	0218	0455	
2511086	Huanyu	0374	0216	
2510388	Hygashi	0217	0216	
2510389	Hyper	0009	0216	0217
		0247		
2510390	Hypersonic	0361		
2510391	Hypson	0037	0264	0217
		0282	0455	0400
2511005	Iberia	0037		
2510393	ICE	0264	0217	0037
		0371	0218	0216
		0009		
2511006	Ices	0218	0216	
2510395	Imperial	0037	0247	0370
		0418	0163	0074
		0084	0076	0349
2510396	Indesit	0237		
2510397	Indiana	0037		
2510398	Ingersol	0009		
2510401	Inno Hit	0009	0072	0037
		0218	0217	0076
		0516	0247	
2510404	Interbuy	0009	0264	0247
2510405	Interfunk	0037	0012	0087
		0512	0275	0327
		0163	0361	0370
		0109	0568	
2510408	Intervision	0282	0217	0455
		0037	0371	0377
		0519	0486	0370
		0394	0487	0218
		0102	0163	0264
		0247		
2510410	Irradio	0009	0037	0218
		0247	0076	
2510412	Isukai	0218	0037	0282
2510413	ITC	0217		
2510414	ITS	0037	0371	0218
		0282	0264	0216
2510415	ITT	0163	0480	0349
		0361	0473	0548
		0567	0193	0346
		0208	0179	
2510417	ITV	0264	0037	0247
2510420	JEC	0035		

2510425	JVC	0653	0053	0094
		0190	0036	0192
		0193	0371	0218
		0606		
2510427	Kaisui	0218	0282	0037
		0216	0455	0217
		0009		
2510428	Kamp	0216		
2510429	Kapsch	0206	0163	0361
		0259	0104	
2510430	Karcher	0037	0370	0282
		0102	0610	
2510432	Kendo	0362	0235	0247
		0102	0037	0370
		0411	0610	
2510433	Kennedy	0206	0163	0435
2510437	Kingsley	0216		
2510438	Kneissel	0435	0259	0292
		0370	0238	0037
		0411		
2510441	Kolster	0037		
2510442	Konka	0218	0371	
2510443	Korpel	0037		
2510444	Korting	0087	0370	0320
2510445	Kosmos	0037		
2510451	Kyoto	0163		
2510454	Lenco	0009	0104	0163
2510456	Lenoir	0009		
2510458	Lesa	0247		
2510461	Leyco	0264	0072	0037
		0294	0579	
2511072	LG	0037	0370	0009
		0377	0217	0247
		0216	0163	0361
2511008	Liesenkotter	0037	0037	0327
		0327	0328	0328
2510463	Lifetec	0009	0264	0519
		0037	0374	0218
		0668		
2510470	Lloyds	0009		
2510472	Loewe	0512	0037	0087
		0292	0370	
2510474	Logik	0011	0193	
2510478	Luma	0206	0305	0037
		0362	0163	0259
		0411	0374	0009
2511009	Lumatron	0206	0305	0037
		0362	0163	0259
		0361	0217	0264
		0073		
2510485	Luxor	0194	0237	0480
		0492	0349	0361
		0208	0356	0548
		0163		
2510487	M Electronic	0346	0037	0512
		0109	0343	0247
		0105	0104	0374
		0009	0217	0480
		0492	0216	0411
2510490	Magnadyne	0087	0247	0516
		0102	0163	
2510491	Magnafon	0516	0076	0102
		0216		
2510495	Mandor	0264		
2510496	Manesth	0037	0235	0217
		0264	0320	0035
		0294		
2510500	Marantz	0037		
2510503	Marelli	0087		
2510504	Mark	0037	0217	0216
		0374	0009	
2510508	Matsui	0235	0177	0009
		0355	0011	0072
		0036	0037	0556
		0487	0217	0354
		0294	0371	0443
		0579	0455	0272
		0349	0516	0035
		0163	0208	0045
		0195	0335	

2510513	McMichael	0043		
2510517	Mediator	0037	0556	0012
2510518	Medion	0037	0668	
2511010	Melvox	0400		
2510520	Memorex	0009		
2510521	Memphis	0337	0072	0009
2510522	Mercury	0037	0009	
2510525	Metz	0087	0195	0447
		0239	0554	0275
		0367	0388	
2510531	Minerva	0487	0195	0070
		0076	0554	0237
2510532	Minoka	0412	0037	0359
2510535	Mitsubishi	0108	0512	0037
		0354	0087	0036
		0201	0237	0193
2510538	Mivar	0292	0370	0076
		0216	0609	
2510541	Motion	0076		
2510543	MTC	0370	0349	
2510545	Multi-standard	0102		
2510547	Multitech	0217	0349	0009
		0216	0247	0102
		0486	0370	0037
2510551	Murphy	0104	0216	0072
		0163		
2510562	National	0237	0214	
2510564	NEC	0170	0036	0320
2510565	Neckermann	0037	0370	0505
		0010	0200	0554
		0556	0163	0327
		0418	0349	0087
		0247	0217	0411
2510566	NEI	0037	0337	0371
2510567	Nesco	0247	0179	
2510568	Network	0337		
2511012	Neufunk	0037	0037	0009
		0009	0556	0556
2510572	New Tech	0037	0009	0556
		0343	0217	
2510571	New World	0218		
2510574	Nicamagic	0216		
2510576	Nikkai	0072	0218	0037
		0217	0264	0035
		0337	0216	0009
		0036		
2510578	Nobliko	0102	0076	0070
		0216		
2510579	Nogamatic	0399	0109	0568
2510580	Nokia	0361	0163	0480
		0349	0548	0492
		0359	0473	0208
		0374	0631	0606
		0346		
2510582	Nordmende	0109	0287	0399
		0343	0568	0195
2511013	Novatronic	0037	0105	
2510588	Oceanic	0567	0163	0400
		0361	0294	0208
		0563		
2510590	Okano	0370	0037	0264
		0072		
2511014	Omega	0264		
2510595	Onwa	0371	0218	
2510596	Opera	0037		
2510599	Orbit	0037		
2510602	Orion	0235	0294	0177
		0320	0355	0011
		0037	0009	0321
		0102	0443	
2511015	Online	0037	0218	
2510605	Osaki	0072	0218	0217
		0264	0037	0412
		0272	0374	
2510607	Oso	0218		
2510608	Osume	0157	0072	0036
		0218		

2510610	Otto Versand	0010	0505	0036
		0093	0512	0037
		0556	0195	0349
		0554	0361	0235
		0109	0294	0226
		0247	0303	0320
		0217		
2510614	Pael	0216		
2510616	Palladium	0370	0037	0505
		0010	0200	0418
		0554	0556	0247
		0327	0349	0087
		0163	0217	0411
2510619	Panama	0009	0217	0264
		0216	0037	0247
2510620	Panasonic	0226	0650	0250
		0126	0214	0361
		0237	0367	0516
		0037	0163	0548
2510622	Panavision	0037	0411	
2510628	Pathe Cinema	0163	0238	0216
		0400	0320	0292
		0349		
2510629	Pathe Marconi	0109	0333	0399
		0237	0568	
2510631	Pausa	0009		
2510632	Perdio	0072	0320	0163
		0037		
2510633	Perfekt	0037		
2510634	Philco	0087	0084	0074
		0418	0076	0247
		0163	0370	0037
2510635	Philharmonic	0217		
2510636	Philips	0037	0556	0012
		0554	0043	0087
		0193	0423	0343
2510639	Phoenix	0037	0087	0320
		0486	0370	0216
		0163	0072	
2510640	Phonola	0037	0556	0012
		0087	0193	0216
2510642	Pioneer	0037	0423	0370
		0343	0361	0109
2510644	Plantron	0037	0264	0009
2511066	Playsonic	0217		
2510645	Policom	0568		
2510647	Poppy	0009		
2510650	Prandoni-Prince	0247	0516	0361
		0076		
2510651	Precision	0217		
2510655	Prima	0009	0264	
2510656	Prinz	0072	0349	0194
2510658	Profex	0009	0163	
2510660	Profi-Tronic	0037	0102	
2510662	Proline	0321	0072	0037
		0012	0625	
2510664	Prosonic	0037	0214	0216
		0370	0374	0579
		0371		
2510665	Protech	0037	0217	0009
		0247	0349	0102
		0264	0418	0337
		0668		
2510669	Provision	0499	0037	
2510672	Pye	0037	0556	0012
		0087		
2510673	Pymi	0009		
2511067	Quadra Vision	0400		
2510677	Quasar	0247		

2510678	Quelle	0037	0010	0011
		0109	0512	0349
		0554	0361	0036
		0217	0247	0074
		0084	0327	0070
		0104	0105	0157
		0195	0200	0264
2510679	Questa	0036		
2510680	R-Line	0037		
2510682	Radialva	0109	0218	0163
		0037		
2510684	Radiola	0037	0556	0012
2510685	Radiomarelli	0087	0201	0516
		0247	0037	
2511088	RadioShack	0037		
2510686	Radiotone	0009	0037	0370
		0579	0418	0264
2510690	Rank	0070		
2511016	Recor	0037		
2510695	Rediffusion	0201	0361	0548
2511017	Redstar	0037		
2511018	Reflex	0037		
2510698	Revox	0037	0370	
2510699	Rex	0305	0206	0411
		0247	0163	0259
2510700	RFT	0087	0292	0370
		0072		
2510701	Roadstar	0009	0264	0218
		0418		
2510703	Robotron	0087		
2510711	Royal Lux	0370	0412	
2510712	RTF	0087		
2510714	Saba	0287	0087	0399
		0163	0109	0516
		0343	0361	0335
		0568	0625	0548
2510718	Sagem	0455	0610	
2510720	Saisho	0235	0516	0177
		0009	0011	0217
		0163	0264	0354
2510722	Salora	0194	0349	0163
		0356	0359	0361
		0516	0548	
2510723	Sambers	0516	0076	0102
2510724	Samsung	0037	0556	0587
		0009	0217	0370
		0264	0216	0072
		0208		
2510726	Sandra	0216	0217	
2510727	Sansui	0037		
2510729	Sanyo	0208	0157	0292
		0036	0011	0370
		0072	0216	0217
		0104	0045	0009
		0163		
2510743	SBR	0037	0556	0012
2510745	Schaub			
	Lorenz	0349		
2510746	Schneider	0037	0556	0012
		0303	0349	0519
		0394	0352	0259
		0343	0217	0247
		0371	0218	0361
		0163	0668	
2510753	SEG	0217	0264	0009
		0247	0036	0102
		0362	0163	0037
		0216	0668	
2510754	SEI	0087	0102	0010
		0163	0516	0349
		0294	0206	0037
2510756	Seleco	0305	0206	0259
		0362	0163	0411
2510757	Sencora	0009		
2510759	Sentra	0035	0218	0009

2511019	Serino	0455	0610
2510762	Sharp	0093	0157 0036
		0294	0053
2510769	Shorai	0294	0179
2510772	Siarem	0163	0087 0102
2510773	Siemens	0554	0200 0195
		0327	0328 0157
		0037	
2510775	Sierra	0037	0556 0012
2510776	Siesta	0370	
2510780	Silva	0216	
2510781	Silver	0036	0361 0179
2510782	Singer	0087	0102 0247
		0400	0435
2510783	Sinudyne	0177	0087 0235
		0102	0294 0163
		0361	0516 0349
		0010	0206 0037
2510784	Skantic	0356	
2510795	Sogera	0320	
2510797	Solavox	0361	0072 0163
		0548	
2510801	Sonitron	0208	0370 0217
2510802	Sonoko	0037	0009 0264
		0282	0217
2510803	Sonolor	0208	0567 0163
		0400	0505 0010
2510804	Sontec	0037	0370 0294
2510805	Sony	0010	0505 0011
		0036	0102
2510806	Sound & Vision	0102	0218 0374
2510809	Soundwave	0037	0320 0418
2510813	Standard	0218	0009 0217
		0320	0037 0374
2510814	Star Lite	0009	0163 0037
2510822	Stenway	0282	0218
2510823	Stern	0305	0206 0259
		0163	
2511020	Strato	0037	0264 0009
2510828	Sunkai	0294	0355 0321
		0455	0218 0235
2510831	Sunstar	0371	0037 0009
2510833	Sunwood	0037	0009
2510835	Superla	0516	0216
2510838	Supertech	0009	0037 0216
		0556	
2510839	Supra	0374	0009
2510840	Susumu	0335	
2510841	Sutron	0009	
2510842	Sydney	0216	0217
2511021	Sytong	0216	
2510849	Tandberg	0367	0411 0109
		0337	0362
2510850	Tandy	0218	0072 0217
		0247	0093
2510852	Tashiko	0036	0043 0217
		0170	0216 0359
		0163	
2510853	Tatung	0072	0516 0217
		0272	0037 0011
2510854	Teac	0037	0512 0512
		0455	0264
2510855	TEC	0217	0009 0247
		0471	0335 0337
2510856	Technema	0320	
2510865	Teleavia	0109	0287 0399
		0333	0568
2510870	Telecor	0037	0163 0218
		0217	0259

2510871	Telefunken	0109 0471 0399
		0287 0074 0084
		0101 0335 0262
		0073 0343 0037
		0486 0568 0625
2510874	Telegazi	0037 0163 0259
		0218 0264
2510878	Telemeister	0320 0037
2510882	Telesonic	0037
2510883	Telestar	0037
2510884	Teletech	0009 0247 0337
		0037
2510885	Teleton	0217 0275 0206
		0163 0349 0259
		0036
2510887	Televideon	0320 0163 0216
2511022	Televiso	0400
2510889	Temco	0294
2510891	Tensai	0104 0218 0037
		0217 0294 0320
		0009 0105 0374
		0371 0377 0247
2511023	Tenson	0320
2510892	Texet	0217 0374 0009
2510894	Thomson	0287 0399 0109
		0333 0471 0335
		0237 0343 0037
		0568 0625
2510897	Thorn	0193 0073 0190
		0238 0192 0074
		0084 0499 0037
		0104 0335 0512
		0359 0272 0374
2510900	Tokai	0072 0037 0337
		0163 0217 0374
2510901	Tokyo	0216 0035
2510902	Tomashi	0282
2510905	Toshiba	0035 0508 0243
		0036 0070 0102
2510906	Towada	0349 0102
2510908	Trans	
	Continens	0217 0037
2510913	Trident	0516 0217
2510915	Tristar	0218 0193
2510916	Triumph	0177 0516 0346
		0556 0037 0243
2510919	Uher	0076 0037 0206
		0320 0303 0374
		0418 0486 0370
		0259
2510920	Ultravox	0087 0102 0374
		0247 0216 0163
		0037
2511024	Unic Line	0037 0473
2510929	Universum	0346 0105 0195
		0473 0361 0247
		0492 0480 0370
		0200 0418 0011
		0512 0294 0036
		0157 0070 0163
		0264 0217 0037
		0411 0074 0327
		0328 0010 0505
		0076 0349 0109
		0362 0337 0177
		0631
2510930	Univox	0337 0087 0037
		0163 0238
2510937	Vestel	0037 0163 0217
2510938	Vexa	0009 0037
2510942	Videologique	0216 0218 0217
2510943	VideoSystem	0037
2510944	Videotechnic	0216 0320 0217
2511025	Videoton	0356 0163
2510949	Visiola	0216
2510950	Vision	0037 0320
2510954	Vistar	0206 0361

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2510956	Vortec	0037
2510957	Voxson	0087 0076 0037
		0418
2510958	Waltham	0217 0356 0418
		0287 0037
2510959	Watson	0037 0320 0163
		0218 0305 0579
		0519 0394
2510960	Watt Radio	0102 0349 0163
		0216
2510961	Wega	0036 0087 0037
2511026	Wegavox	0009
2510963	Weltblick	0037 0320
2510967	White	
	Westinghouse	0320 0216 0037
		0337
2511027	Windstar	0282
2510976	Xrypton	0037
2510979	Yamishi	0282 0455 0218
		0037 0217
2510980	Yokan	0037
2510981	Yoko	0217 0037 0218
		0264 0009 0370
		0305
2510983	Yorx	0218
2510984	Zanussi	0206 0305 0217

VCRs

2521028	Adelsound	0004
2520012	Adyson	0072
2520019	Aiwa	0307 0000 0041
		0348 0352 0037
2520020	Akai	0315 0041 0020
		0352
2520021	Akiba	0072
2520023	Akura	0072 0041
2520024	Alba	0278 0072 0333
		0334 0352 0020
		0000 0315 0348
2520029	Allorgan	0240
2520032	Allstar	0081
2520037	Ambassador	0020
2520042	Amstrad	0000 0278 0072
2520045	Anitech	0072
2520047	Ansonic	0004
2520057	Aristona	0081
2520060	ASA	0037 0081
2520070	Asuka	0072 0037 0081
		0000 0038
2520080	Audiosonic	0278
2520081	Audioton	0020
2520091	Baird	0278 0104 0107
		0041 0000
2520093	Bang & Olufsen*	0499
2520097	Basic Line	0278 0020 0072
2520107	Bestar	0278 0020
2520109	Black	
	Panther Line	0278
2520113	Blaupunkt	0081 0154 0162
		0006 0195 0034
2520114	Blue Sky	0037 0348
2520118	Bondstec	0020 0072
2520120	Bosch	0154
2521068	Brandt	0041 0320 0493
2520126	Brinkmann	0348
2520139	Bush	0072 0278 0315
		0333 0334 0352
		0293 0000 0348
2520150	Carena	0081
2520151	Carrefour	0045
2520154	Casio	0000
2520155	Cathay	0278
2520156	Catron	0020
2520162	CGE	0041 0000
2520167	Cimline	0072

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2520172	Clatronic	0020	0072
2520180	Combitech	0352	
2520187	Condor	0020	0278
2520197	Crown	0278	0072 0020
2520205	Daewoo	0278	0020 0045
		0352	
2520207	Dansai	0072	0278
2520210	Daytron	0278	
2520214	Decca	0000	0041 0081
		0067	
2520216	DeGraaf	0042	0081 0104
		0048	
2520999	Denko	0072	
2521000	Diamant	0037	
2520240	Dual	0041	0081 0278
		0000	
2520243	Dumont	0000	0081 0104
2520252	Elbe	0278	0038
2520253	Elcatech	0072	
2520259	Elin	0240	
2521031	Elsay	0072	
2520263	Elta	0072	0278
2520265	Emerson	0072	0045
2520272	ESC	0278	0240 0020
2520274	Etzuko	0072	
2520280	Europhon	0020	
2520295	Ferguson	0107	0041 0320
		0493	0000
2520297	Fidelity	0000	0072
2520301	Finlandia	0104	0081 0042
		0000	0048
2520302	Finlux	0000	0081 0104
		0042	
2520304	Firstline	0072	0348 0043
		0037	0045 0042
		0293	
2520305	Fisher	0047	0104 0038
		0020	
2520319	Frontech	0020	
2520322	Fujitsu	0000	
2520323	Funai	0000	
2520329	Galaxy	0000	
2520331	GBC	0020	
2520335	GEC	0081	
2520337	General	0020	
2520338	General		
	Technic	0348	
2520339	Genexxa	0104	
2520345	Goldhand	0072	
2520347	Goldstar	0037	0000
2520349	Goodmans	0000	0072 0240
		0278	0037 0020
		0081	0348 0293
2520352	Graetz	0041	0104 0240
2520353	Granada	0104	0048 0081
		0006	0240 0037
		0042	0000
2520354	Grandin	0072	0037 0020
		0000	0278
2520355	Grundig	0195	0081 0347
		0006	0320
2520362	Hanseatic	0037	0278
2520364	Hantor	0020	
2521084	Harwood	0072	
2520370	HCM	0072	
2520377	Hinari	0004	0072 0293
		0352	0041 0278
2520380	Hisawa	0352	
2520381	Hitachi	0042	0041 0000
		0240	0081 0004
		0104	
2521085	Hornyphone	0081	
2520391	Hypson	0072	0278
2520394	Impego	0020	
2520395	Imperial	0000	0240
2520398	Ingersol	0004	0240

2520401	Inno Hit	0020	0240 0278
		0072	
2520404	Interbuy	0037	0072
2520405	Interfunk	0081	0104
2520408	Intervision	0000	0278 0037
		0348	
2520410	Irradio	0072	0037 0081
2520415	ITT	0041	0104 0240
2520417	ITV	0278	0037 0020
2520425	JVC	0041	0067
2520427	Kaisui	0072	
2520432	Kendo	0315	0348 0072
		0037	
2520434	Kenwood	0041	
2521032	Kimari	0047	
2520438	Kneissel	0352	0348
2520443	Korpel	0072	
2520448	Kuba	0047	
2520451	Kyoto	0072	
2520461	Leyco	0072	
2521072	LG	0037	0000
2520463	Lifetec	0348	
2520473	Loewe Opta	0081	0006 0037
		0004	0454 0162
2520474	Logik	0004	0240 0072
2521009	Lumatron	0278	
2520485	Luxor	0043	0072 0104
		0047	0048
2520487	M Electronic	0000	0037
2521034	M-Electronic	0037	0000 0038
2520492	Magnavox	0081	
2520496	Manesth	0072	0045 0081
2520500	Marantz	0081	0038 0006
2520504	Mark	0278	
2520508	Matsui	0004	0348 0037
		0240	0352 0000
2520517	Mediator	0081	
2520518	Medion	0348	
2520520	Memorex	0104	0000 0037
		0048	0047
2520521	Memphis	0072	
2520525	Metz	0195	0347 0081
		0162	0454 0006
2520529	Migros	0000	
2520531	Minerva	0195	
2520535	Mitsubishi	0043	0067 0081
2520547	Multitech	0000	0072 0020
		0104	
2520551	Murphy	0000	
2520562	National	0162	
2520564	NEC	0041	0038 0067
2520565	Neckerman	0041	0006 0081
2520567	Nesco	0072	0000 0352
2520576	Nikkai	0020	0072 0278
2520580	Nokia	0104	0315 0041
		0278	0240 0048
		0042	0081
2520583	Nordmende	0041	0320 0494
		0528	
2520588	Oceanic	0000	0048 0081
		0104	0041
2520590	Okano	0315	0348 0072
		0278	
2520602	Orion	0004	0352 0348
		0333	0334
2520604	Orson	0000	
2520605	Osaki	0000	0037 0072
2520608	Osume	0293	
2520609	Otake	0333	0334
2520610	Otto Versand	0081	
2520616	Palladium	0072	0315 0037
		0041	0006 0004
		0240	
2520620	Panasonic	0162	0454
2520628	Pathe		
	Cinema	0004	0043
2520629	Pathe		
	Marconi	0041	

2520632	Perdio	0000		
2520634	Philco	0038	0072	
2520636	Philips	0081	0006	
2520640	Phonola	0081		
2520642	Pioneer	0067	0081	0042
2520648	Portland	0020	0278	
2520656	Prinz	0000		
2520660	Profi-Tronic	0081	0240	
2520662	Proline	0000	0293	
2520664	Prosonic	0278	0000	
2520665	Protech	0081		
2520669	Provision	0278		
2520672	Pye	0081		
2520678	Quelle	0006	0081	
2520682	Radialva	0037	0072	0081
		0048		
2520684	Radiola	0081		
2520699	Rex	0041		
2520700	RFT	0020	0072	
2520701	Roadstar	0240	0072	0037
		0278		
2520710	Royal	0072		
2520714	Saba	0041	0320	0494
2520720	Saisho	0004	0348	
2520722	Salora	0043	0104	
2520724	Samsung	0240	0432	
2520725	Samurai	0020		
2520727	Sansui	0041	0067	0072
2520728	Sanwa	0004		
2520729	Sanyo	0104	0047	0048
2520742	Saville	0352	0278	0240
2520743	SBR	0081		
2520745	Schaub			
	Lorenz	0041	0000	0104
2520746	Schneider	0072	0000	0037
		0081	0278	0240
2520753	SEG	0072	0240	0278
2520755	SEI-Sinudyne	0004	0081	
2520756	Seleco	0041	0020	0037
2520759	Sentra	0072	0020	0293
2520760	Sentron	0072		
2520762	Sharp	0048		
2520766	Shintom	0072	0104	
2520768	Shivaki	0037		
2520769	Shorai	0004		
2520773	Siemens	0195	0006	0037
		0104	0081	
2520775	Sierra	0081		
2520780	Silva	0037		
2520781	Silver	0278		
2520783	Sinudyne	0004	0081	
2520799	Solovox	0020		
2520801	Sonitron	0047		
2521035	Sonneclair	0072		
2520802	Sonoko	0278		
2520803	Sonolor	0048		
2520804	Sontec	0037		
2520805	Sony	0033	0034	0032
2520809	Soundwave	0037		
2520813	Standard	0278		
2520817	Starlite	0037	0104	
2520823	Stern	0278		
2520828	Sunkai	0348		
2520831	Sunstar	0000		
2520832	Suntronic	0000		
2520833	Sunwood	0072		
2520839	Supra	0037	0240	
2520843	Symphonic	0000	0072	
2520847	Taisho	0004		
2520849	Tandberg	0278		
2520852	Tashiko	0000	0048	0240
		0081	0037	
2520853	Tatung	0000	0041	0081
		0048	0043	
2520854	Teac	0041	0000	0278
2520855	TEC	0020	0278	0072
2520865	Teleavia	0041		

2520871	Telefunken	0041	0320	0493
		0494	0529	0530
2520884	Teletech	0072	0278	
2520890	Tenosal	0072		
2520891	Tensai	0000	0037	0072
		0004		
2520894	Thomson	0041	0320	0493
		0494	0528	
2520897	Thorn	0041	0104	0037
2520900	Tokai	0072	0037	0041
		0104		
2520905	Toshiba	0045	0041	0043
		0081		
2520906	Towada	0072		
2520907	Towika	0072		
2520918	TVA	0020		
2520919	Uher	0037	0240	
2520920	Ultravox	0278		
2520924	Unitech	0240		
2520926	United			
	Quick Star	0278		
2520929	Universum	0000	0081	0240
		0037	0348	0195
		0006		
2520939	Victor	0067		
2520959	Watson	0081		
2520963	Weltblick	0037		
2520979	Yamishi	0072	0278	
2520980	Yokan	0072		
2520981	Yoko	0037	0072	0020
		0240		

Satellite Receivers

2530994	AB Sat	0832		
2530013	Aegir	0520		
2530020	Akai	0515	0200	
2530024	Alba	0421	0515	0455
		0362	0613	0713
		0734		
2530027	Aldes	0288	0362	0520
		0734		
2530028	Allantide	0333		
2530030	Allsat	0067	0200	0364
		0183	0734	
2530031	Allsonic	0288	0369	
2530033	Alltech	0644	0586	0713
2530034	Alpha	0200		
2530036	Altai	0396		
2530039	Amitronica	0713		
2530040	Ampere	0396	0829	
2530042	Amstrad	0345	0847	0461
		0252	0243	0689
		0675	0713	0742
		0396	0132	
2530044	Anglo	0713		
2530046	Ankaro	0288	0217	0369
		0220	0713	
2530049	Anttron	0421	0183	0613
2530050	Apollo	0421		
2530056	Arcon	0217	0373	0692
2530058	Armstrong	0243	0200	
2530060	ASA	0397		
2530061	ASAT	0373	0200	
2530064	AST	0351	0321	
2530065	Astacom	0710		
2530068	Astra	0108	0373	0530
		0513	0243	0607
		0346		
2530069	Astro	0173	0358	0520
		0613	0369	0501
		0658		
2531036	Atlantide	0333		
2530081	Audioton	0364	0613	
2531037	Avalon	0396		
2530089	Axis	0530	0369	0366

2530095	Barcom	0217	
2530103	Beko	0455	
2530106	Best	0217	0369
2530113	Blaupunkt	0173	
2530114	Blue Sky	0713	
2530117	Boca	0243	0589 0513
		0683	0794 0829
		0132	
2530122	Brain Wave	0332	0692
2530129	Broadcast	0346	
2530130	Broco	0530	0713
2531070	BSkyB	0847	
2530137	BT Satellite	0515	0710
2531038	Bubu Sat	0713	
2530139	Bush	0067	0183 0362
2531039	BVV	0692	
2530143	Cambridge	0515	0683 0501
2530146	Canal Satellite	0292	0853
2530163	Channel		
	Master	0362	
2530170	Citycom	0394	0798 0818
2530172	Clatronic	0332	
2530174	Clemens		
	Kamphus	0502	0333
2530176	CNT	0520	
2530182	Commander	0220	
2530183	CommLink	0288	
2530185	Comtec	0288	0366
2530187	Condor	0369	0607
2530189	Connexions	0396	0369
2530190	Conrad	0607	0589 0573
		0369	
2530191	Contec	0394	0589 0366
2530193	Cosat	0592	0364
2530197	Crown	0243	
2531092	D-box	0873	
2530205	Daewoo	0373	0713 0421
2530208	Dansat	0067	0183
2531040	Däumling	0794	
2530213	DDC	0362	
2530221	Dew	0366	0373
2530222	Diamond	0586	
2530229	Diskxpress	0217	
2530230	Distrisat	0200	
2530231	Ditristrad	0592	
2530233	DNR	0692	
2530234	DNT	0200	0396
2531042	DST	0421	
2530240	Dual	0373	
2530244	Dune	0369	
2530245	Dynasat	0593	
2530248	Echostar	0396	0713 0871
		0853	
2530250	EIF	0674	
2530251	Einhell	0333	0517 0243
		0421	0288 0252
		0513	0713 0501
		0794	0132
2530255	Elekta	0520	
2530262	Elsat	0689	
2530263	Elta	0364	0421 0200
		0369	
2530264	Emanon	0421	
2530266	Emme Esse	0369	0502 0871
2531043	Engel	0713	
2530268	EP Sat	0455	
2531044	Eurocrypt	0455	0108
2530279	Europa	0220	0589 0501
		0200	
2531045	European	0794	
2530282	Eurosat	0243	0586
2530283	Eurosky	0243	0369 0607
		0287	0132
2530285	Eurostar	0607	0880
2530287	Eutra	0644	0798
2530289	Exator	0421	0515 0613

2531046	Fagor	0592	0364
2530295	Ferguson	0067	0183 0455
		0336	0614 0711
2530297	Fidelity	0252	0461 0675
		0501	
2530301	Finlandia	0455	0108
2530302	Finlux	0455	0108 0414
		0573	
2530315	Fracarro	0421	0871 0593
2530317	Freecom	0325	0421 0734
2530318	Freesat	0644	
2530320	FTE	0331	0683 0589
		0369	0713 0593
2530321	Fuba	0217	0369 0396
		0421	0173 0414
		0573	0394 0108
2530325	G-Sat	0183	0333
2530326	Galaxi	0217	
2530327	Galaxis	0366	0288 0364
		0530	0592 0369
		0692	0834 0833
		0863	
2530328	Galaxisat	0321	
2530344	GMI	0243	
2531168	Goldbox	0853	0292
2530347	Goldstar	0335	
2530349	Goodmans	0455	
2530353	Granada	0108	
2530354	Grandin	0084	
2530355	Grundig	0173	0847 0571
		0139	0750 0805
		0345	
2530362	Hanseatic	0605	
2530364	Hantor	0421	0332
2530365	Hanuri	0520	
2530369	Harting		
	& Helling	0333	0502
2531047	Hase & Igel	0692	
2530371	Heliocom	0607	
2530377	Hinari	0362	0183 0421
2530379	Hirschmann	0287	0333 0397
		0398	0173 0573
		0593	0495 0442
		0502	0798 0501
		0396	
2530380	Hisawa	0332	
2530381	Hitachi	0455	
2530385	Houston	0592	0220 0461
2530387	Huth	0346	0607 0332
		0364	0366 0288
		0517	0220 0589
		0502	0243 0794
2530407	Intertronic	0243	
2530408	Intervision	0592	0628 0607
		0364	
2530416	ITT/Nokia	0108	0573 0455
		0397	0873
2530423	Johansson	0332	0364
2530424	Jok	0690	0710
2530425	JVC	0515	0571
2531048	K-SAT	0713	
2530431	Kathrein	0331	0358 0173
		0394	0442 0504
		0480	0593 0200
		0622	0333 0658
		0713	0613 0818
		0898	
2530436	Key West	0794	
2530440	Kolon	0421	
2530445	Kosmos	0331	0442 0335
		0502	
2530446	KR	0613	0644 0798
2530447	Kreiselmeyer	0173	
2530450	Kyostar	0421	0613

2530453	Lasat	0513	0520	0369
		0607	0366	0243
		0683	0132	
2531049	Lemon	0692		
2530454	Lenco	0335	0220	0373
		0421	0713	0692
		0530	0498	0369
2530455	Lennox	0592		
2530457	Lenson	0501		
2530460	Lexus	0200		
2530461	Leyco	0515		
2531072	LG	0335		
2530462	Lifesat	0605	0369	
2530467	Lion	0333		
2530472	Loewe	0243		
2530475	Lorenzen	0220	0692	0794
		0607	0742	0132
2530476	Lorraine	0335		
2530479	Lupus	0369		
2530485	Luxor	0108	0345	0573
		0873		
2530486	M & B	0605		
2530489	Macab	0586		
2531050	Manata	0710		
2530497	Manhattan	0455	0592	0520
		0364	0498	0710
		0834		
		0200		
2530500	Marantz	0442		
2530505	Mascom			
2530506	Maspro	0092	0336	0495
		0644	0750	0713
		0173	0571	0692
2531052	Master's	0394		
2530508	Matsui	0571	0710	0362
		0173		
2530509	Max	0607		
2530511	MB	0605		
2531053	Mediabox	0292	0853	
2530515	Mediamarkt	0243		
2530516	Mediasat	0530	0501	0292
		0853		
2530518	Medion	0713	0369	
2530519	Mega	0200		
2530524	Metronic	0421	0243	0613
		0288	0520	0084
		0818		
2530525	Metz	0173		
2531054	Micro			
	Elektronik	0713		
2530527	Micro			
	Technology	0333	0713	0530
2530531	Minerva	0571		
2530535	Mitsubishi	0455		
2530537	Mitsumi	0513		
2530540	Morgan's	0243	0200	0513
		0683	0794	0713
		0589	0364	0829
		0132		
2530546	Multistar	0331		
2530550	Muratto	0335	0321	
2530552	Mysat	0713		
2530563	Navex	0332		
2530564	NEC	0178		
2530568	Network	0183		
2530569	Neuhaus	0530	0501	0220
		0589	0692	0592
		0713	0834	0607
2530570	Neusat	0692	0713	0834
2530577	Nikko	0243	0713	0734
2530580	Nokia	0108	0573	0455
		0397	0873	
2530581	Nomex	0498		
2530582	Nordmende	0362	0455	0520
		0421	0614	
2530584	Novis	0332		
2530586	NTC	0502	0798	

2530588	Oceanic	0586	0333	
2530589	Octagon	0373	0421	0220
		0366	0613	
2530590	Okano	0243	0502	0331
2531069	OnDigital	0133	0134	0241
2530597	Optex	0394	0592	0364
		0831	0593	
2531055	Optima	0502		
2530599	Orbit	0351	0373	0333
2530600	Orbitech	0501	0589	0541
		0421	0548	0262
2530601	Origo	0498		
2530606	Osat	0345		
2530611	Oxford	0515		
2530612	Pace	0455	0847	0067
		0183	0336	0791
		0795	0241	
2530613	Pacific	0586		
2530615	Palcom	0362		
2530616	Palladium	0243	0571	0421
		0501		
2530617	Palsat	0501		
2530620	Panasonic	0455	0847	
2530623	Panda	0455	0067	0108
		0607		
2530630	Patriot	0515		
2530636	Philips	0200	0292	0220
		0183	0455	0667
		0750	0710	0613
		0805	0589	0217
		0853	0571	0173
		0133	0134	0818
		0898		
2530639	Phoenix	0366	0183	
2530641	Phonotrend	0288	0592	0364
		0502	0863	
2530642	Pioneer	0853		
2530643	PK Sat	0333		
2530646	Polytron	0394	0396	
2530652	Predki	0332	0421	
2530653	Preisner	0243	0513	0589
		0132	0396	0683
		0794		
2530654	Premier	0592	0502	
2531056	Premiere	0292	0853	
2530663	Prosat	0288	0362	0628
2530664	Prosonic	0742		
2530666	Protek	0586	0333	
2530667	Proton	0333		
2530669	Provision	0520		
2530672	Pye	0571		
2531087	Pyxis	0831	0834	
2530676	Quadral	0362	0288	0369
		0589	0628	0710
2530678	Quelle	0252	0607	
2530684	Radiola	0200		
2530687	Radix	0396	0644	0882
2530689	Rainbow	0613	0644	
2530694	Red Star	0369		
2530696	Redpoint	0530		
2530700	RFT	0541	0288	0220
		0200		
2530701	Roadstar	0713		
2530708	Rover	0628	0713	
2530714	Saba	0183	0520	0336
		0614	0690	0734
		0710	0692	0885
		0607		
2530716	Sabre	0455		
2530718	Sagem	0820		
2530721	Sakura	0366		
2530722	Salora	0108		
2530724	Samsung	0287	0421	
2530731	SAT	0351	0321	0461
		0501	0362	0675
2530732	Sat Team	0713		
2530734	Satcom	0346	0605	0607

2530735	Satec	0183	0713
2531057	Satelco	0369	
2530737	Satford	0346	
2530738	Satline	0628	
2530739	Satmaster	0346	
2530740	Satpartner	0332	0502 0421
		0335	0520 0613
		0734	
2531058	Schäcke	0613	
2530746	Schneider	0667	0805
2530747	Schwaiger	0394	0183 0605
		0504	0589
2530751	Sedea		
	Electronique	0421	
2530752	Seemann	0396	0243 0530
		0515	
2530753	SEG	0421	0369 0332
		0605	0742
2530756	Seleco	0592	0364 0871
2530773	Siemens	0173	0683
2530780	Silva	0335	
2530785	Skantin	0713	
2530786	Skardin	0530	
2530787	SKR	0713	
2530789	Skymaster	0288	0605 0628
		0713	0880
2530790	Skymax	0200	0333
2530793	Skyvision	0364	
2530794	SL	0692	0132
2530805	Sony	0455	
2531059	SR	0513	
2530820	Starring	0332	
2530824	Strong	0421	0613 0369
		0593	0520 0373
2530827	Sumida	0243	
2530829	Sunny Sound	0369	
2530830	Sunsat	0713	0530
2530831	Sunstar	0513	0243 0369
		0794	0132
2530846	Tagra	0364	
2530851	Tantec	0336	0455
2530853	Tatung	0455	
2530858	Techniland	0346	0592 0364
2530859	Technisat	0262	0501 0548
		0541	0005 0200
2530860	Technowelt	0607	
2530862	Teco	0373	0243 0513
2530863	Telasat	0605	
2530868	Teleciel	0613	0734
2531060	Teledirekt	0183	
2530871	Telefunken	0421	0710
2530875	Teleka	0243	0442 0613
		0396	0798 0750
		0692	0501 0262
2530876	Telemaster	0520	
2530880	Telesat	0605	
2530883	Telestar	0501	
2530884	Teletech	0880	
2530886	Televes	0455	0501
2530888	Telewire	0592	0364
2530891	Tensai	0373	
2530894	Thomson	0455	0614 0713
		0292	0853 0607
2530896	Thorens	0586	
2530897	Thorn	0455	
2530898	Tioko	0394	
2530900	Tokai	0200	
2530903	Tonna	0346	0455 0592
		0364	0501 0713
2530905	Toshiba	0455	
2530992	TPS	0820	
2530909	Trend Plain	0513	
2530910	Trendline	0513	
2530911	Triad	0351	0335 0321
		0333	
2530912	Triasat	0414	0501
2531061	Triax	0414	0501

2530915	Tristar	0373	
2530922	Uniden	0831	0675
2530923	Unisat	0366	0243 0200
2530927	Unitor	0217	0332
2530929	Universum	0173	0571 0397
		0607	0675 0461
		0742	
2530931	V-Tech	0351	0321 0690
		0818	
2530932	Variosat	0173	
2530933	Vector	0333	
2530936	Ventana	0200	
2530937	Vestel	0742	
2530952	Visiosat	0351	0690
2530955	Viva	0220	
2530956	Vortec	0287	0421
2530962	Wela	0589	0713 0794
		0132	
2531091	WeTeKom	0829	0605
2530966	Wewa	0333	0455
2530968	Winersat	0332	
2531062	Wintergarten	0288	
2530969	Wisi	0173	0321 0690
		0396	0589 0455
		0351	0501 0834
2530971	Woorisat	0520	
2530972	World	0332	
2530976	Xrypton	0369	
2531063	Zaunkönig	0692	
2530986	Zehnder	0321	0331 0520
		0504	0369 0818
		0742	0394 0217
2530989	Zodiac	0613	
2530990	Zwergnase	0794	0243

Cable Converters

2530025	Alcatel	0896	0897
2530136	BT Cable	0105	
2530141	Cabletime	0271	0377 0448
		0665	
2530300	Filmnet		
	Cablecrypt	0443	
2530996	France		
	Telecom	0451	0817
2531076	General		
	Instrument	0276	
2530421	Jerrold	0003	0276
2530488	M-Net	0443	
2530489	Macab	0817	
2530636	Philips	0451	0817
2531065	PVP Stereo		
	Visual Matrix	0003	
2530718	Sagem	0817	
2530748	Scientific		
	Atlanta	0008	0277
2530864	Tele+1	0443	
2530879	Telepiu	0443	
2530917	Tudi	0286	
2530925	United Cable	0003	
2530945	Videoway	0250	
2530951	Visiopass	0451	0817
2530965	Westminster		
	Cable	0105	0716

CD / Mini Disc

2540019	Aiwa	0124
2540020	Akai	0362
2540024	Alba	0615
2540054	Arcam	0157
2540081	Audioton	0157
2540139	Bush	0615
2540142	California	
	Audio Lab	0029

2540153	Carver	0179	
2540204	Cyrus	0157	
2540217	Denon	0003	0873
2540249	Eclipse	0625	
2540297	Fidelity	0625	
2540305	Fisher	0179	
2531076	General		
	Instrument	0276	
2540339	Genexxa	0000	0037 0179 0032
2540349	Goodmans	0625	0362 0615
2540355	Grundig	0157	
2540357	GTX	0362	
2540366	Harman		
	Kardon	0173	0157
2540370	HCM	0625	
2540378	Hiro	0625	
2540425	JVC	0072	
2540434	Kenwood	0037	0190 0028
2540466	Linn	0157	
2540487	M Electronic	0362	
2540500	Marantz	0157	
2540508	Matsui	0157	
2540520	Memorex	0032	
2540523	Meridian	0157	
2540528	Micromega	0157	
2540534	Mission	0157	
2540553	NAD	0000	
2540557	Naim	0157	
2540620	Panasonic	0029	0303 0367
2540636	Philips	0157	0274 0626
2540642	Pioneer	0032	0244
2540667	Proton	0157	
2540675	Quad	0157	
2540686	Radiotone	0615	0625
2540693	Realistic	0179	
2540698	Revox	0157	
2540707	Rotel	0157	
2540717	SAE	0157	
2540727	Sansui	0157	0625
2540729	Sanyo	0179	
2540746	Schneider	0615	
2540762	Sharp	0037	
2540805	Sony	0000	0397 0490
2540838	Supertech	0625	
2540854	Teac	0625	
2540857	Technics	0029	0207 0303
2540896	Thorens	0157	
2540929	Universum	0157	0362
2540939	Victor	0072	
2540959	Watson	0615	
2540977	Yamaha	0036	0187

Misc. Audio

2560019	Aiwa	0010	0159 0404
2560367	Harman		
	Kardon Surr	0477	
2560426	JVC Surround	0073	
2560729	Sanyo	0871	
2560805	Sony	0159	0010

Amplifier

2550019	Aiwa	0406	
2550139	Bush	0269	0421
2550217	Denon	0160	0272
2550349	Goodmans	0421	
2550355	Grundig	0269	
2550466	Linn	0269	
2550500	Marantz	0269	
2550523	Meridian	0269	
2550528	Micromega	0269	
2550557	Naim	0269	
2550620	Panasonic	0308	

2550636	Philips	0269	
2550642	Pioneer	0013	0269
2550675	Quad	0269	
2550701	Roadstar	0847	
2550857	Technics	0308	
2550896	Thorens	0269	
2550977	Yamaha	0143	0354

Amp/Tuner

2550019	Aiwa	0405	0121 0158
2550020	Akai	0346	0115 0440 0609
2550054	Arcam	0642	0189
2550093	Bang & Olufsen*	0799	
2551068	Brandt	0824	
2550153	Carver	0042	0360
2550172	Clatronic	0744	
2550217	Denon	0004	0273
2550263	Elta	0744	
2550305	Fisher	0042	0360
2550339	Genexxa	0186	
2550347	Goldstar	0281	
2550349	Goodmans	0609	0744 0440
2550355	Grundig	0189	0286 0281 0219
2550366	Harman		
	Kardon	0110	0189
2551084	Harwood	0744	
2550406	Intersound	0744	
2550425	JVC	0074	0464
2550434	Kenwood	0186	0313 0314 0027 0239
2551072	LG	0281	
2550500	Marantz	0189	0412 0219
2550508	Matsui	0744	
2550520	Memorex	0014	
2550528	Micromega	0189	
2550535	Mitsubishi	0440	
2550553	NAD	0320	
2550590	Okano	0440	
2550594	Onkyo	0135	
2550620	Panasonic	0039	0309 0518 0763
2550636	Philips	0189	0412 0642
2550642	Pioneer	0014	0080 0289 0186
2550677	Quasar	0039	
2550698	Revox	0189	0186
2550701	Roadstar	0346	
2550720	Saisho	0346	
2550724	Samsung	0286	
2550727	Sansui	0189	0609 0346
2550729	Sanyo	0360	0219 0042
2550762	Sharp	0186	
2550764	Sherwood	0491	
2550773	Siemens	0609	
2550805	Sony	0158	0415
2550809	Soundwave	0609	
2550854	Teac	0609	0110
2550857	Technics	0039	0208 0518 0309 0763
2550871	Telefunken	0824	
2550896	Thorens	0189	
2550897	Thorn	0744	
2550919	Uher	0346	
2550929	Universum	0281	0609 0744 0286 0440
2550939	Victor	0074	
2550977	Yamaha	0176	0186

(*) Excludes a few models in the LS, LX and MX series

BskyB Sky digibox

SAT code 0847 for Amstrad, Grundig, Pace, Panasonic

Functions on the
BskyB remote
control

Placement of the functions on the
ONE FOR ALL remote control

Standby	Standby
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
Program (+)	PROGRAM (+)
Program (-)	PROGRAM (-)
Volume (+)	VOLUME (+)
Volume (-)	VOLUME (-)
Mute	MUTE
Guide	MENU
Services	PLAY
Info	PAUSE
Interactive	FAST FORWARD
Up	UP
Down	DOWN
Left	LEFT
Right	RIGHT
Select	MUTE (When in Menu)
TV	AV (When in Menu)
Text	REWIND
Red	SP/LP
Blue	AUTO
Yellow	RECORD
Green	STOP
Backup	10

On Digital

SAT code 0241 for: Pace

SAT code 0133 and 0134 for: Philips

Functions on the
Pace or Philips or... etc.
remote control

Placement of the functions on the
ONE FOR ALL remote control

Standby	Standby
0	0
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
Program (+)	PROGRAM (+)
Program (-)	PROGRAM (-)
Volume (+)	VOLUME (+)
Volume (-)	VOLUME (-)
Mute	MUTE
Guide	MENU
Menu	PLAY
Info	PAUSE
Cursor Up	UP
Cursor Down	DOWN
Cursor Left	LEFT
Cursor Right	RIGHT
Select	MUTE (When in Menu)
Exit	AV (When in Menu)
TV/DTV	AV
Text	REWIND
Red	SP/LP
Blue	AUTO
Yellow	RECORD
Green	STOP
Wide	10

Advanced Features

Controlling Colour & Brightness

Depending on the functions of your original remote control, the ONE FOR ALL 5 may operate the colour and brightness settings of your Television.

By pressing **MAGIC** followed by a **Volume** or **Channel** key, you may 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	

Note: You have 5 seconds to press the Volume or Channel keys for colour or brightness adjustment after pressing MAGIC.

Volume 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

To punch through to TV Volume while in VCR or SAT mode press **MAGIC* 9 9 3** TV key.

To punch through to AMP/TUN Volume while in CD mode press **MAGIC* 9 9 3** AUD key.

To cancel the "Volume Punch Trough"

Press MAGIC* 9 9 3 Volume(+) (a device key will blink four times)

(*)Here you must hold down MAGIC until the device key blinks twice.

Advanced Features

Changing the Device Keys

If you want to change any of the device keys (TV, VCR, SAT, CD or AUD) to operate another type of device you can use this formula:

MAGIC* + 992 + device key that you want to use + device key that will change

Example:

If you want to program a second TV, you can use this formula to change the VCR, SAT, CD or AUD key into a second TV key. If for example you don't have a CD player, you can use the CD key to change into a second TV key.

The TV key will be the **device key that you want to use** and the CD key will be **the device key that will change**.

So using this formula you would press:

MAGIC* + 992 + TV + CD (The CD key blinks twice)

Now enter the SET-UP code for your second TV by pressing:

CD + MAGIC* + SET-UP code

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

Resetting your Device Key

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

MAGIC* + 992 + device key that you want to reset + device key that you want to reset

If for example you want to reset your CD key to his original function, press:

MAGIC* + 992 + CD + CD

(*) Hold down the MAGIC key until the device key blinks twice (the device key will blink once then twice)

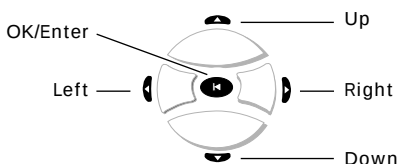
Advanced Features

Menu

If your original remote had Menu control, your ONE FOR ALL 5 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 5, the directional keys will allow you to navigate through to the Menu. Use them the same way you did to navigate through the menu screen with your original remote control.



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 5 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.
- If on the original remote control you had to press an "Exit" key to exit the Menu, this function may be found on the AV key during Menu control.
- 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

Auto Scan

Your ONE FOR ALL 5 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 5 at your TV. Press the **TV** key. Press and release **MAGIC** then press the **MUTE** key.



The ONE FOR ALL 5 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 **any key** on the ONE FOR ALL key pad to stop the scan feature.

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.
- Scan may not work with devices that did not have programme +/- keys on the original remote control.

Favorite Programme Scan

Instead of Auto Scan, you can set your ONE FOR ALL 5 to scan through up to 10 of your favorite programmes. To set up your favorite programmes for your TV:

1  Press and release the ONE FOR ALL 5's **TV** key.

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

3    Press **9 9 6**.

4  
 **Enter the number for the first programme** you wish to be included as a “favorite programme”. Then press and release **MAGIC**.
(You must enter the programme number exactly as you would on your original remote. Example: If to get programme 5 you had to press 05 or if you used the 10, 20 or -/-- keys, you will need to do the same on the ONE FOR ALL 5.)

5  
 **Enter the next programme number** you wish to be included as a “favorite programme”. Then press and release **MAGIC**.

Advanced Features

6  **Continue entering each programme** you wish to be included as your “favorite programmes”. After you have entered the last programme number, **press and hold down MAGIC** until the TV key blinks twice. Remember, the ONE FOR ALL 5 can hold a maximum of 10 of your favorite programmes. After you have entered the 10 favorite programmes it will automatically exit the Favorite Program Scan.

7 

 When you want to scan through your “favorite programmes”, aim the ONE FOR ALL 5 at your TV and press **TV**, **MAGIC** and then the **MUTE** key. You will automatically move through your favorite programmes, stopping at each for about three seconds. Remember the ONE FOR ALL 5 must be aimed at your TV the entire time you are using Scan.

8 When you find a programme you would like to watch, simply press **any key** on the ONE FOR ALL key pad to stop the scan feature. To continue the favorite programme scan, press **MAGIC**, then the **MUTE** key again. The ONE FOR ALL 5 will stop automatically at the last favorite programme.

To clear the favorite programmes you have set up:

1  Press the **TV** Key

2  **Press and Hold MAGIC** until the TV key blinks twice (the TV key will blink once then twice).

3    Press **9 9 6**.

4  **Press the MAGIC key** until the TV key blinks twice (the TV key will blink once then twice). The ONE FOR ALL 5 will now perform the Auto Scan function whenever the **MAGIC** and **MUTE** keys are pressed.

Notes:

- To set up your “favorite programmes” for another device, follow steps 1 through 8, only substitute the appropriate device key (VCR, SAT) during step 1.
- Favorite Programme Scan can only be set up for one device at a time. Once you have set up your “favorite programmes” for one device, you will not be able to use Scan with any other device.
- Auto Scan may not work with devices that did not have a programme +/- key on the original remote.

Advanced Features

Macros

You can program your ONE FOR ALL 5 to issue a sequence of commands at the press of one button. For example, you may want to turn off your TV, VCR and Satellite at the same time. Any sequence of commands you regularly use can be reduced to one key stroke for your convenience. A Macro should only be set on the Custom keys.

To set up the Macro mentioned above on the key labeled A on your ONE FOR ALL 5:

- 1**  Press and **hold down the MAGIC key** until a device key blinks twice (the device key will blink once then twice).
- 2**    Press **9 9 5**.
- 3**  Then press the **A** key to which the Macro will be assigned.
- 4**

TV

VCR

SAT





Next press **TV, POWER, VCR, POWER, SAT, POWER**
- 5**  To store the Macro, **press and hold MAGIC** until the device key blinks twice (the device key will blink once then twice).
- 6**  Whenever you press the **A** key, the ONE FOR ALL 5 will turn off your TV, VCR and Satellite.

- To install any macro, press:

MAGIC* + 9 9 5 + Key to which Macro will be assigned + Sequence of commands + MAGIC*

- To erase any Macro from a key, press:

MAGIC* + 9 9 5 + Key to be cleared + MAGIC*

*Here you must hold down MAGIC until the device key blinks twice.

Note: Each MACRO can consist of a maximum of 15 key strokes.

Shifted Macros

You can also program your ONE FOR ALL 5 to issue a sequence of commands by pressing the Magic key followed by another key. This allows you to maintain the original function of this key in every mode. **You can install a Shifted Macro on any key, except for the device keys (TV, VCR, SAT, CD and AUD), the MAGIC key and the NUMBER keys.**

If for example, you want to program a shifted Macro on the power key, simply press MAGIC once then POWER during step 3 (see page 31).

Now everytime you press Magic, then POWER, the ONE FOR ALL will turn off your TV, VCR or Satellite.

- **To install any Shifted Macros, press:**

MAGIC* + 9 9 5 + MAGIC + Key to which sequence will be assigned + Sequence of commands + MAGIC*

- **To erase any Shifted Macro, press:**

MAGIC* + 9 9 5 + MAGIC + Key to be cleared + MAGIC*

*Here you must hold down MAGIC until the device key blinks twice.

Notes:

- Make sure that you program a Macro on a spare key that you don't use in any mode
- Once you program a Macro on a specific key, the sequence will work regardless of the mode (TV, VCR, SAT, CD or AUD) you are using.
- To avoid accidental recordings with the ONE FOR ALL 5, you must press the Record key twice to begin recording. Because of this, you cannot assign a Macro or Shifted Macro to the Record key (for example the Record key).
- If you had to hold down a key for a few seconds on the original remote control to get a function, this function may not work in macro on your ONE FOR ALL remote.
- If a Shifted Macro is placed on the Mute, Channel and Volume keys then Scan and Colour/Brightness will be sacrificed.

Learning

The ONE FOR ALL 5 comes with a complete library of preprogrammed codes. After you have set up the ONE FOR ALL 5 for your device, you may find that there are one or more keys which you had on your original remote which do not have a place on the ONE FOR ALL keypad.

As a convenience, the ONE FOR ALL 5 offers a special Learning feature that allows you to copy any function from your original remote control onto the keypad of the ONE FOR ALL 5.

To use the Learning feature, please follow the instructions below. Please note, the "custom keys" A-D have been especially provided for this feature. By using these keys, you will not have to sacrifice an existing function on the ONE FOR ALL 5 keypad. (If you require to learn more than four features per mode, you will need to place the learned function on another key. Please see the next section titled Shifted Learning.)

Before you start:

- Make sure your original remote control is working correctly.
- Make sure neither your ONE FOR ALL nor your original remote controls are pointing at your device.

- 1 Place both remote controls (the ONE FOR ALL 5 and your original) on a flat surface. Make sure the ends which you normally point at your device are facing each other. Keep the remotes at a distance of 2 to 5 cm.**
- 2 Press and hold the MAGIC key** until the device key blinks twice (the device key blinks once then twice).
- 3 Press 975** (the device key will blink twice).
- 4 Press the device key** (on the ONE FOR ALL remote) to select the mode to which you want to copy the learned function.
- 5 Press the key (on the ONE FOR ALL remote)** where you want to place the learned function (the device key will flash rapidly).
- 6 Press and hold the key (on your original remote)** that you want to copy until the device key on the ONE FOR ALL blinks twice.
- 7** If you want to copy other functions within the same mode, simply repeat steps 5 and 6 pressing the next key you want to copy by learning. If you would like to continue learning but in a different mode (with another original remote), repeat steps 4-6.
- 8** To exit the learning mode, **press and hold MAGIC** until the device key blinks twice.
- 9** Learning is mode specific. To access your learned function, press the appropriate device key first.

Shifted Learning

You can also learn a function on a key of the ONE FOR ALL without sacrificing the original ONE FOR ALL function. The "custom keys" are an ideal location for this. A Shifted Learning function can also be put on any key EXCEPT the following: Device keys, Magic key, Number keys.

To install a Shifted Learning function, simply follow steps 1-8 on the previous page. During step 5, press **MAGIC** one time before you press the key for where you are placing the learned function.

To access the shifted function, press Magic and then the key you have learned on.

To delete a learned feature:

It is possible to delete all learned features or only individual learned features.

To delete individual learned functions, follow the steps as outline below.

1. **Press and hold MAGIC** until the device key blinks twice (will blink once then twice).
2. Press **976** (the device key will blink twice).
3. Press the **device key** in which the function will be deleted.
4. Press **twice on the learned key** which will be deleted (the device key will blink twice).*
5. If there is another key which you wish to delete, repeat steps 2-4.
6. The original functions of the ONE FOR ALL 5 will now be present.

* To delete a Shifted Learned feature, press MAGIC before you press the learned key to be deleted (during step 4).

To delete all learned functions across all modes:

1. **Press and hold MAGIC** until the device key blinks twice (will blink once then twice).
2. Press **980** (the device key will blink four times).

Notes:

- During steps 2-8, you have approximately 10 seconds to conduct each step. If there is a gap of more than 10 seconds between two steps, you will have to start over at step number 2.
- If you learn a function on another key besides the "custom keys", the original ONE FOR ALL feature automatically becomes shifted. You can press MAGIC then the key to access it (this excludes the Power, Mute, Channel and Volume keys).
- The Learning feature is mode specific. Therefore you can place one learned feature per mode on the same key.
- If a Shifted Learned function is placed on the Mute, Channel and Volume keys then Scan and Colour/Brightness will be sacrificed.
- The ONE FOR ALL 5 can learn approximately 25 functions.
- You can replace a learned function by placing another learned function on top.
- Learning should not be done in direct sunlight or under incandescent lights.
- Make sure you are using new batteries before following the instructions above.
- Upon changing the batteries, your learned functions will be retained.

Key Magic®

Key Magic is an exclusive ONE FOR ALL feature. The design of the ONE FOR ALL ensures that many functions of your original remote control can be operated - even those that do not have their own key on the ONE FOR ALL keypad. Often used functions can be assigned to a key of your choice using the Key Magic feature of your ONE FOR ALL.

In order to program a certain function with Key Magic you need to know the corresponding function code. As the function codes vary with different types of devices, they cannot be found in the manual. You can request your Function codes through our consumer service help-line or by letter, fax or e-mail. All we need to know is the 4-digit set-up code your device is working with and how the function was labeled on your original remote control.

**You can also visit our website
(WWW.ONEFORALL.COM)**

to find an answer to your questions.

Once, you obtain your function code from customer service, programming the code is easy:

1. Press the **device key** (TV, VCR, SAT, CD or AUD)
2. **Press and hold the MAGIC** key until the device key blinks twice (the device key will blink once then twice).
3. Press **9 9 4**. The device key will blink twice.
4. Press the **MAGIC** key once.
5. Enter the **3-digit** function code (provided by customer service).
6. Press the **key to which the function will be assigned**. The device key will blink twice.

Important notes:

- To access the function you have programmed, press the device key first.
- Key Magic can be assigned to any key EXCEPT the following: Device keys, MAGIC key and the MUTE key.
- The Custom Keys under the flip down door are spare keys, which can be used for programming Key Magic functions. If you need more than four keys, make sure you program your extended function on a spare key in the device mode your are using.
- Please note all the extended function codes you obtain from customer service below for easy future reference.

EXTENDED FUNCTION REFERENCE

(first entry is an example):

DEVICE	SET-UP CODE	FUNCTION	FUNCTION CODE
TV	0556	16/9 format	234

Helpful Hints

Problem:	Solution:
Your brand is not listed in the code section?	Try the search method on page 10.
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 10.
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.
Problems changing channels?	Enter the programme number exactly as you would on your original remote.
Video not recording?	As a safety feature on your ONE FOR ALL, you must press the Record key twice.
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 device key does not blink when you press a key?	Replace batteries with 2 fresh, new "AA" alkaline batteries.

Trouble-Shooting

CUSTOMER SERVICE

If you still have questions about the operation of your ONE FOR ALL 5 universal remote and you could not find the answer(s) in the trouble shooting section, you may want to contact the customer service department for assistance.

You may care to visit our Internet-site:

www.oneforall.com

Our internet-site has many advantages:

- 24 hours access
- no waiting time
- page for Frequently Asked Questions
- info about the ONE FOR ALL product range

Before contacting us, by Fax, E-mail or Phone, make sure you have the required information available by filling in the table below.

What do we need to know before you contact us:

1. That you have the **URC-7550** ONE FOR ALL remote
2. The date of purchase (. . . . / /)
3. A list of your equipment/models/helpcodes(*): (see example below)

Helpcode(*)	Device	Brand	Device model nr.	Remote model nr.	SET-UP code
2510805	TV	Sony	KVX-2950B	RMT-V131B	0505 (example)

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

4. Then Fax, E-mail or Dial us:

In the UK

e-mail : ofahelp@uebv.com
fax : +31 53 432 9816
tel. : 0808-1000306 (*)

In Australia

e-mail : ofahelp@uebv.com
fax : +31 53 432 9816
tel. : 1-800 064472

In Ireland

e-mail : ofahelp@uebv.com
fax : +31 53 432 9816
tel. : 1-800 553199 (*)

In South Africa

e-mail : ofahelp@uebv.com
fax : 011 248 4402
tel. : 011 248 4400

(*) When you call us you will be asked to enter your helpcode(s). You only have to enter the helpcode(s) of those devices you have a problem with.

The helpcode is a 7-digit code, which defines the ONE FOR ALL-model you have, the device type and the brand of your device. This helpcode can be found in the first column of the setup code list.

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 one (!)year from the date of the original purchase. Product will be replaced free of charge if it has been proven to be defective within the one (!) year 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.

In the UK:	In Ireland:	In Australia	In South Africa
ONE FOR ALL (UK) Ltd. P.O. Box 5397 Melton Mowbray LE 13 1WT	Sherlane Agencies Ltd./OFA Rockford Works Deansgrange Rd. Blackrock, County Dublin	Kenmark Industrial (A)/OFA CO.PTY.LTD. 106 Mitchell Street Maidstone vic 3012	ONE FOR ALL c/o Connoisseur Marketing (PTY) Ltd P.O. Box 6783 Johannesburg 2000

IMPORTANT:

IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD, YOU MUST INCLUDE YOUR PURCHASE RECEIPT so that we may establish your eligibility for service and can replace your unit without cost. It would be helpful if you included a note detailing the problem. IF THE UNIT IS RETURNED FOR SERVICE OUTSIDE THE WARRANTY PERIOD, please include a cheque to cover the cost of replacement, handling and return postage. (Prices may differ per model. Please contact ONE FOR ALL customer service in your country for exact amount.)

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