

Universal

SBC RU 530/87U

3

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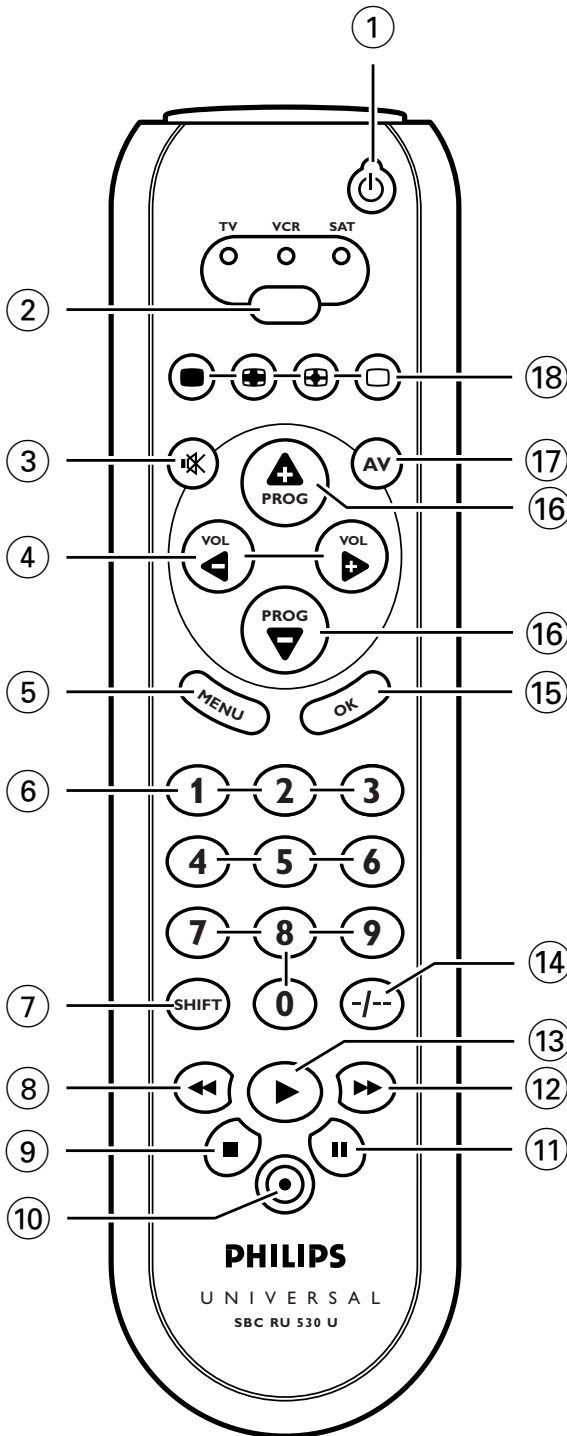
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PHILIPS



Instructions for use

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English

1. Introduction

Congratulations on your purchase of the Philips SBC RU530 universal remote control. After installing the remote control you can operate a maximum of 3 different appliances with it: TV, VCR, and satellite or cable decoders.

You can find information about how to prepare this remote control for use in the chapter 'Installing the remote control'.

Instructions for use

English

2. Installing the remote control

Inserting the batteries

- 1 Press the cover inwards and slide it in the direction of the arrow.
- 2 Place two R03, UM4 or AAA type batteries into the battery compartment, as shown.
- 3 Slide the cover back and click it firmly into place.

Testing the remote control

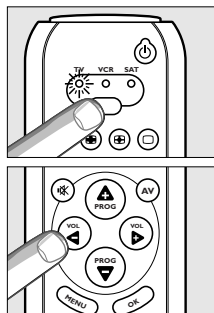
The remote control has been programmed to operate most Philips appliances. Because the RU530 may use different signals for each make and even for different models of the same make, it is advisable to test whether your appliance responds to the RU530.

The example below (TV) instructs you how to do this.

You can repeat the same steps for other appliances (VCR, satellite or cable decoder) which you want to operate using the RU530.

Example of TV:

- 1 Turn your TV on manually or use the original remote control.
Tune to channel 1.
- 2 Use the RU530's mode selector to select TV. Press the key until the green light under TV in the selector window lights up.
If no green light appears, check whether the batteries are properly inserted (see 'Inserting the batteries').
- 3 Check whether all the keys are working.
For an overview of the keys and their functions see '3. Keys and functions'.
— If the TV responds as it should to all of the key commands the RU530 is ready for use.



- **If the device does not respond at all or not to all of the key commands, follow the instructions under 'Setting the remote control'.**

Instructions for use

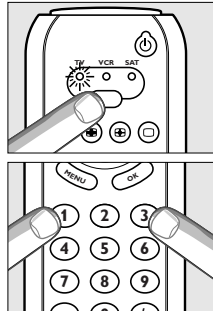
English

Setting the remote control

This is only necessary if your appliance does not respond to the RU530. If that is the case, the RU530 does not recognize the brand and/or model of your appliance and you need to program the remote control to do so. The example below (TV) instructs you how to do this. You can repeat the same steps for other appliances (VCR, satellite or cable decoder) which you want to operate using the RU530.

Example of TV:

- 1** Turn on the TV manually or use the original remote control.
Tune in to channel 1.
- 2** Look up the brand of your TV in the code list at the back of this manual. One or more four-figure codes are shown for each brand. Note the first code.
*Be careful! There are separate tables for TV, VCR and SAT.
Make sure you use the codes from the correct table.*
- 3** Select TV with the mode selector.
(See 'Testing the remote control'.)



- 4** Keep keys '1' and '3' pressed simultaneously for three seconds until the green light under TV in the selector window flashes twice and then remains lit.
 - 5** Then enter the code noted in step 2 using the digital keys.
 - The green light in the selector window will now flash twice. If the light flashes once for an extended period, the code has not been entered properly or the wrong code has been entered. Start again from step 2.
 - 6** Point the RU530 at the TV and check that it responds as it should.
 - If the TV responds to all of the key commands, the RU530 is ready for use. Do not forget to note your code.
- **If the device does not respond at all, or not to all of the key commands, start again from step 2 and try the next code from the list.**

Instructions for use

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Automatically setting the remote control

If you cannot find the right code for your brand device, the remote control can automatically search for the right code.

Example of TV:

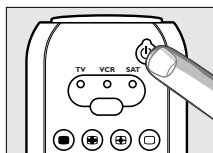
- 1 Make sure the TV is switched on and select a channel using the original remote control or the keys on the TV (for example channel 1).

The RU530 emits the 'switch off TV' signal for all models of TV that are stored in the memory.

- If the device is a video recorder; insert a tape and start playback.
- 2 Then keep keys 1 and 3 on the RU530 **pressed simultaneously for three seconds**, until the green light under TV in the selector window flashes twice and then remains lit.



- 3 Press the Standby key of the RU530 briefly.



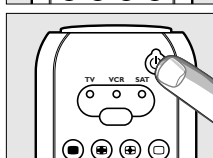
- The RU530 now starts emitting all known 'TV off' signals, one by one. Each time a code is sent, the green light under TV in the selector window lights up.



- 4 When your TV switches off (stand-by), you press the Standby key of the RU530 twice within 1 second, to confirm.

- The RU530 has now found a code that works on your TV.

- 5 Check if you can operate all functions on your TV with the RU530.



- **If this is not the case, you can redo the automatic setting. The RU530 will then search for a code that perhaps works better.**

- After the RU530 has run through all the known codes, the search will stop automatically and the green light will stop flashing.
- Automatic programming of a TV takes a maximum of 5 minutes. For VCR this time is 2 minutes and for SAT 4 minutes.

Instructions for use

English

3. Keys and functions

The illustration on page 3 gives an overview of all keys and their functions.

- ① **Standby** switches TV, VCR or SAT mode on or off.
- ② **Mode-selector** selects the device you want to operate:
TV, VCR or SAT (satellite/cable).
- ③ **Mute** mutes the sound of the TV.
- ④ **- VOL +** adjusts the TV volume.
- ⑤ **MENU** turns the menu on and off.
- ⑥ **Digital keys** direct choice of channels and other functions.
- ⑦ **SHIFT** for extra functions. When pressed at the same time as a second key, the second key will get another function. For example:

SHIFT + PROG+: . 'menu up'

SHIFT + PROG-: . 'menu down'

SHIFT + VOL+: . . 'menu right'

SHIFT + VOL-: . . 'menu left'

Try out other combinations with the Shift-key on your appliance in order to find out which functions are available.

Only functions featured on the original remote control are available.

- ⑧ **◀** - red teletext key
- rewind (VCR)
- ⑨ **■** - green teletext key
- stop (VCR)
- ⑩ **●** tv: P_{AP}, previous channel
VCR: record
SAT: A/B
- ⑪ **||** - yellow teletext key
- pause (VCR)
- ⑫ **▶▶** - blue teletext key
- wind (VCR)
- ⑬ **▶** - white teletext key
- index
- play (VCR)
- ⑭ **▲** selects between one- and two-figure channel numbers.
- ⑮ **OK** confirms your selection.
- ⑯ **- PROG +** selects a previous or following channel.
- ⑰ **AV** switches between external inputs of your equipment.
- ⑱ **Ⓜ Ⓝ Ⓞ □** TV: teletext keys
SAT: teletext, Info, Guide, Subtitle
VCR: timer, Showview

If you use the (⇄) 'memory off' key to get to the next teletext page on your Philips TV, you can press the Subtitle key for this. See also 'Troubleshooting'.

- **If the device does not respond at all, or not to all of the key commands, follow the instructions under 'Setting the remote control'. It is possible that you must enter another code for the device.**

Instructions for use

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4. Extra possibilities**Adjusting device selection (Modeselector)**

The RU530 is default set for operating TV, VCR and Sat (satellite)/ CBL (cable). You can select the device you wish to operate with the Mode selector. Each option allows operation of one device only. If desired, you can program the Mode selector to select a different kind of device.

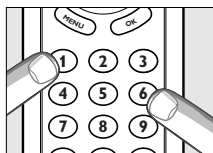
For example, if you want to operate a second TV.

In the following example you will see how to configure the SAT mode for a second TV.

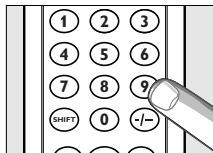
- 1** Switch on the second TV.
- 2** Press the Mode selector to select SAT.



- 3** Then keep 1 and 6 on the RU530 pressed **simultaneously for five seconds**, until the green light under SAT in the selector window lights up.

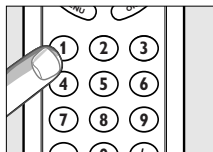


- 4** Press keys 9, 9 and 2, in that order.



- 5** Press the Mode selector to select TV.
- 6** Press the 1 key.

– The green light under SAT flashes twice.
SAT will now allow you to operate your second TV.



- 7** Program the RU530 to operate the second TV.
See 'Setting the remote control'.

Instructions for use

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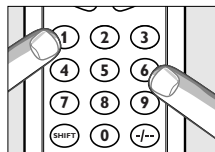
Adding a function to the remote control

If you want to add a function to the RU530, you can contact the Philips service line for Universal Remote Control to ask for the 3-figure code for the extra function.

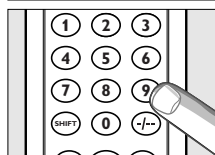
- Using the Mode selector, select the device for which you want to add the function.



- Then keep 1 and 6 on the RU530 pressed **simultaneously for five seconds**, until the green light under TV in the selector window flashes twice and then remains lit.



- Press keys 9, 9 and 4, in that order:



- Enter the 3-figure code which you received from the service line within thirty seconds.

- Press the key under which you want to store the new function.

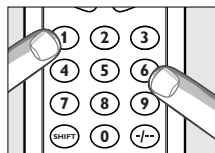
– The light flashes twice.

The extra function has been successfully added to the RU530.

- If you want to store the function under Shift in combination with another key, first press the Shift key and then press the required function key.
- For restoring the original function of the key, see 'Restoring the original functions of your remote control'.

Restoring the original functions of your remote control

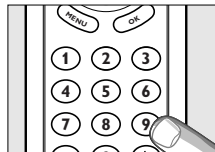
- Keep keys 1 and 6 on the RU530 pressed **simultaneously for five seconds**, until the green light under TV in the selector window flashes twice and then remains lit.



- Press keys 9, 8 and 1, in that order:

– The light flashes twice.

All original functions have now been restored and any extra functions have been deleted.



Instructions for use

English

5. Troubleshooting

- Problem
- Solution
- The device you want to operate does not respond and the green light does not flash when you press a key.
 - *Replace the old batteries with two new 1.5 Volt, R03, UM4 or AAA batteries.*
- The device you want to operate does not respond but the green light does flash when a key is pressed.
 - *Point the RU530 at the device and make sure that there are no obstructions between the RU530 and the device.*
- The RU530 does not respond properly to commands.
 - *Maybe you are using the wrong code. Try programming the RU530 again using another code, which is mentioned under the brand of your device, or reset for automatic search to find the right code.*
 - *If the device still does not respond, call our helpline.*
- You cannot get the Teletext pages on your screen, while you are used to use the (↔) button for this.
 - *Follow the instructions under 'Installing the remote control' and at step 5 press keys 0, 0, 6 and 4.*
 - *Press the OK key to get Teletext pages on your screen.*
- The Teletext keys do not work.
 - *Find out whether your TV is equipped with Teletext.*
- You cannot switch off Teletext.
 - *Press the key for subtitling (□) to switch off Teletext.*
- You have difficulties operating all of the functions on your device.
 - *Maybe the RU530 has to be adapted to the model of the device.*
 - *Call our helpline for details.*
- Your brand of device is not in the code list.
 - *Try to set the RU530 automatically.*
 - *See 'Automatically setting the remote control'.*
- None of the codes works during manual setting of the remote control.
 - *If that is the case, follow the instructions under 'Automatically setting the remote control'.*

If you have any questions about the RU530, call our special helpline. You will find the telephone number after the code list at the back of this manual.

Read this manual carefully before you make a call. You can solve most of the problems yourself. If you cannot find any answers to your problems, write down the details of your device shown in the code list at the back of this manual. This will help our operators to assist you better and more quickly. Look up the numbers of the models in the instructions accompanying the device or on the back of your device. When you call our helpline, make sure the device is to hand so that our operators can help you determine whether your remote control is working properly.

The model number of your Philips universal remote control is SBC RU530/87U.

Date of purchase:/...../.....
(day/month/year)

SETUP CODES FOR TELEVISION

ASA.....	0114, 0131	Dual Tec.....	0244
Admiral.....	0114, 0190	Dumont.....	0114, 0097, 0374
Adyson.....	0244	Elbe.....	0286
Akai.....	0388, 0378, 0235	Elin.....	0064, 0575
Akito.....	0299	Elite.....	0245, 0347
Akura.....	0245	Emerson.....	0114, 0388
Alba.....	0064, 0245, 0063, 0262, 0398	Erres.....	0064
Allorgan.....	0321	Expert.....	0233
Amplivision.....	0244, 0427	Ferguson.....	0100, 0265, 0136, 0314, 0362, 0064, 0370
Amstrad.....	0204, 0398, 0064, 0389	Fidelity.....	0243, 0388, 0571
Anitech.....	0103	Finlandia.....	0373, 0386, 0235
Arcam.....	0243, 0244	Finlux.....	0114, 0373, 0064, 0131, 0132, 0097, 0099, 0374
Asberg.....	0103	Firstline.....	0348, 0243, 0244, 0274, 0321
Asuka.....	0245	Fisher.....	0571, 0244, 0235, 0131, 0397, 0582
Atlantic.....	0233	Flint.....	0482
Audiosonic.....	0064, 0136	Formenti.....	0347, 0064, 0374, 0579, 0114
Autovox.....	0233, 0264, 0114, 0571, 0103, 0363	Frontech.....	0458, 0190, 0274, 0475
BPL.....	0309	Fujitsu.....	0099, 0233
BSR.....	0321	Funai.....	0321
BTC.....	0245	GBC.....	0579
Baird.....	0370	GEC.....	0070, 0099, 0064, 0244
Bang & Olufsen.....	0114	GPM.....	0245
Barco.....	0579	Geloso.....	0374
Basic Line.....	0245	Genexxa.....	0190, 0245
Baur.....	0064, 0539, 0388, 0037, 0376, 0571	GoldStar.....	0064, 0244, 0136, 0317
Beko.....	0513, 0397	Goodmans.....	0064, 0099, 0398, 0063, 0244, 0262, 0370, 0401
Beon.....	0064	Gorenje.....	0397
Binatone.....	0244	Graetz.....	0388, 0374, 0190
Blaupunkt.....	0354, 0355, 0218	Granada.....	0386, 0064, 0099, 0235, 0378, 0244, 0366
Blue Sky.....	0245	Grandin.....	0309
Blue Star.....	0309	Grundig.....	0097, 0218, 0264, 0514, 0583
Bondstec.....	0274	HCM.....	0309
Boots.....	0244	Hanseatic.....	0388, 0064, 0347, 0455, 0571, 0583
Brandt.....	0360, 0223, 0136, 0362	Havermy.....	0120
Brionvega.....	0114, 0389	Hinari.....	0063, 0064, 0245
Britannia.....	0243	Hisawa.....	0309, 0427, 0482
Bruns.....	0114	Hitachi.....	0190, 0252, 0070, 0376, 0383, 0136, 0071, 0244, 0063, 0223, 0132, 0374, 0575
Bush.....	0064, 0398, 0245, 0376, 0579, 0063, 0299, 0309, 0321, 0401	Huanyu.....	0243, 0401
CGE.....	0111, 0274, 0103, 0579	Hypson.....	0064, 0309
CS Electronics.....	0243	ICE.....	0244, 0398
CTC.....	0274	ICeS.....	0245
Carrefour.....	0063	ITC.....	0579
Cathay.....	0064	ITS.....	0398
Centurion.....	0064	ITT.....	0374, 0388, 0378, 0190, 0571, 0575
Century.....	0114	Imperial.....	0274, 0111, 0445, 0579, 0103, 0397
Clarivox.....	0064	Indesit.....	0264
Clatronic.....	0103, 0274, 0397	Indiana.....	0064
Condor.....	0347, 0397	Ingelen.....	0190
Contec.....	0063, 0243	Inno Hit.....	0099
Continental Edison.....	0223, 0360, 0426	Interfunk.....	0064, 0388, 0539, 0190, 0274
Crosley.....	0111, 0114, 0103, 0374	Intervision.....	0064, 0129, 0244
Crown.....	0397, 0064, 0103, 0445	Isukai.....	0245
Crystal.....	0458	JVC.....	0080, 0121, 0063, 0398, 0633, 0680
Cybertron.....	0245		
Daewoo.....	0401, 0064		
Dainichi.....	0245		
Dansai.....	0064		
De Graaf.....	0235, 0575		
Decca.....	0064, 0099, 0299		
Dixi.....	0064		
Dual.....	0363, 0379, 0571		

Codes

TV

TV

Kaisui	0245, 0244, 0243, 0309	Panasonic	0253, 0153, 0677,
Kapsch	0190, 0233	.....	0264, 0301, 0190,
Kathrein	0583	.....	0267, 0374, 0394
Kendo	0064, 0262, 0389	Pathe Cinema	0347, 0265,
Kennedy	0579	.....	0243, 0579
Kingsley	0243	Pathe Marconi.....	0223, 0360
Kneissel	0286, 0462	Perdio	0347
Korpel	0064	Philco	0114, 0111,
Korting	0114	.....	0274, 0579, 0103
LG	0064	Philex	0378
Leyco	0099, 0064, 0321	Philips.....	0064, 0583, 0359,
Liesenk & Tter	0064	.....	0350, 0070, 0114,
Loewe	0539, 0114, 0102, 0316	.....	0401, 0632, 0856
Luma	0233, 0332	Phoenix.....	0114
Luxor	0264, 0388,	Phonola	0064, 0114
.....	0384, 0376, 0383	Pioneer	0136, 0314, 0190
M Electronic.....	0373, 0132, 0131,	Profex	0103, 0388
.....	0244, 0064, 0136,	Proline	0348
.....	0190, 0314, 0401, 0507	Protech.....	0064, 0129, 0458, 0244,
MTC	0376, 0539	.....	0274, 0364, 0445, 0579
Magnadyne.....	0114, 0374,	Quelle.....	0064, 0097, 0539, 0037,
.....	0129, 0274, 0571	.....	0111, 0038, 0354, 0388,
Magnaфон.....	0129, 0103	.....	0579, 0131, 0355, 0571
Manesth.....	0347, 0244, 0262	Questa	0063
Marantz	0064, 0583	R-Line	0064
Marelli	0114	RBM.....	0097
Mark	0064	RFT.....	0455, 0114
Matsui	0262, 0064, 0204,	Radiola.....	0064, 0350
.....	0235, 0244, 0398,	Radiomarelli	0114
.....	0571, 0038, 0062, 0063,	Rank Arena	0063
.....	0099, 0299, 0321, 0514	Rediffusion	0388, 0378
McMichael.....	0070	Revox.....	0064
Mediator.....	0064	Rex.....	0332, 0233, 0190, 0286
Memphis.....	0364	Roadstar.....	0245, 0445
Metz	0302, 0266, 0114, 0394	SBR	0064, 0070
Minerva	0514, 0097, 0264	SEG	0244, 0063, 0103, 0579
Mitsubishi.....	0063, 0539,	SEI	0571, 0129, 0374,
.....	0135, 0114, 0264	.....	0037, 0114, 0204, 0321
Mivar	0317, 0318,	Saba	0136, 0370,
.....	0243, 0319, 0636	.....	0114, 0190, 0223,
Motion	0103	.....	0314, 0362, 0102, 0374
Multitech	0103, 0129, 0243	Saccs.....	0265
Myryad.....	0583	Saisho.....	0038, 0204,
NEC	0197	.....	0571, 0262, 0458
NEI	0064, 0364, 0458	Salora.....	0388, 0376, 0575,
National.....	0264	.....	0190, 0383, 0386
Neckermann	0376, 0064,	Sambers.....	0129, 0103
.....	0114, 0583, 0218	Samsung	0064, 0244,
Nicam	0571	.....	0317, 0397, 0583
Nikkai	0064, 0062, 0245,	Sandra.....	0243
.....	0364, 0099, 0243	Sanyo.....	0063, 0235, 0038,
Noblisko	0103, 0129	.....	0099, 0131, 0366
Nokia	0507, 0575,	Schaub Lorenz.....	0388, 0374
.....	0388, 0500, 0633	Schneider.....	0064, 0363, 0350, 0571,
Nordmende.....	0223, 0136,	.....	0245, 0274, 0379, 0398
.....	0370, 0314	Seleco	0233, 0286,
Oceanic.....	0388, 0374, 0190	.....	0190, 0332, 0389
Orion.....	0204, 0321, 0262,	Sentra.....	0062
.....	0571, 0064, 0347, 0348	Sharp	0120, 0063
Osaki.....	0099, 0244, 0245	Shorai.....	0321
Oso	0245	Siarem.....	0114, 0129, 0374
Osume.....	0099	Siemens	0354, 0218,
Otto Versand.....	0064, 0370, 0539,	.....	0355, 0064, 0374
.....	0374, 0376, 0037,	Silver	0063
.....	0063, 0218, 0244,	Singer	0114
.....	0347, 0579, 0583	Sinudyne.....	0571, 0129, 0037, 0114,
Palladium.....	0397, 0445	.....	0204, 0262, 0321, 0374
Panama	0244	Skantic	0384, 0383
.....		Solavox	0378, 0190

CODELIST

Codes

TV / VCR

Sonitron0235
 Sonoko0064
 Sonolor.....0190, 0235
 Sontec.....0064
 Sony0038, 0037, 0063, 0256
 Soundwave.....0064, 0445
 Standard.....0244, 0245
 Stern0233, 0190, 0286, 0332
 Sunkai.....0321, 0348
 Susumu.....0245
 Sysline.....0064
 Tandy.....0190, 0245, 0099, 0244
 Tashiko.....0063, 0070, 0244, 0386
 Tatung.....0099, 0244, 0064
 Teac.....0064
 Tec.....0579, 0244, 0274
 Technema.....0347
 Technics.....0677
 Teleavia.....0360, 0370
 Telefunken.....0370, 0136, 0128,
0652, 0111, 0362
 Telemeister.....0347
 Teleton.....0233, 0063, 0244, 0376
 Tensai.....0245, 0321, 0347
 Texit.....0243, 0245
 Thomson.....0370, 0136, 0360,
0223, 0314, 0652,
0264, 0426, 0376
 Thorn.....0064, 0062, 0580, 0099,
0111, 0131, 0370, 0388, 0539
 Thorn-Ferguson.....0370
 Tomashi.....0309
 Toshiba.....0062, 0580,
0063, 0270, 0097
 Towada.....0579
 Triumph.....0204, 0270
 Uher.....0233, 0347
 Ultravox.....0129, 0378
 Universum.....0132, 0373, 0064, 0579,
0131, 0397, 0448, 0519
 Vestel.....0064
 Videosat.....0274
 Videotechnic.....0244
 Vision.....0347
 Voxson.....0114, 0190
 Waltham.....0383, 0244
 Watson.....0347, 0064
 Watt Radio.....0129, 0571, 0579
 Wega.....0114, 0063
 White Westinghouse.....0347,
0064, 0243
 Yoko.....0244, 0064, 0458
 Zanussi.....0332, 0233

SETUP CODES FOR VCR

ASA.....0108, 0064
 Aiwa.....0334, 0027
 Akai.....0133, 0342, 0080, 0068
 Akiba.....0099
 Alba.....0047, 0305,
0099, 0236, 0342
 Ambassador.....0047
 Amstrad.....0027
 Anitech.....0099
 Asuka.....0064
 Baird.....0131, 0027, 0068, 0134
 Basic Line.....0305, 0047, 0099
 Blaupunkt.....0253, 0189,
0061, 0254, 0430
 Brandt.....0520, 0347
 Brandt Electronic.....0068
 Bush.....0099, 0236, 0305
 CGE.....0027
 Catron.....0047
 Cimline.....0099
 Clatronic.....0047
 Condor.....0047
 Crown.....0047, 0099, 0305
 Cyrus.....0108
 Daewoo.....0305, 0047
 Dansai.....0099
 De Graaf.....0069, 0193
 Decca.....0027, 0108
 Denon.....0069
 Dual.....0068
 Dumont.....0108, 0027, 0131
 ESC.....0267, 0305
 Elcatech.....0099
 Ferguson.....0347, 0134, 0068, 0520
 Fidelity.....0027
 Finlandia.....0108, 0131
 Finlux.....0069, 0108, 0027, 0131
 Firstline.....0099, 0064,
0070, 0072, 0236
 Fisher.....0073, 0081, 0131
 Frontech.....0047
 Funai.....0027
 GEC.....0108
 General.....0047
 GoldHand.....0099
 GoldStar.....0064
 Goodmans.....0099, 0305, 0027,
0047, 0064, 0430
 Graetz.....0131, 0068, 0267
 Granada.....0108, 0073, 0131
 Grandin.....0027, 0064, 0099
 Grundig.....0374, 0034, 0376,
0108, 0430, 0099, 0253
 HCM.....0099
 Hanseatic.....0064
 Hinari.....0099, 0031, 0235, 0267
 Hitachi.....0069, 0193, 0068,
0267, 0027, 0031
 Hypson.....0099
 ITT.....0131, 0133, 0411,
0068, 0073, 0267
 ITV.....0047, 0064, 0305
 Imperial.....0027
 Ingersol.....0031
 Interfunk.....0108
 JVC.....0068, 0094,
0411, 0035, 0233

VCR

CODELIST

Codes

VCR / SAT

Kaisui	0099	Sentra.....	0047
Kendo	0133, 0236	Sharp.....	0075
Kenwood.....	0068	Shintom.....	0099, 0131
Korpel.....	0099	Shorai.....	0031
Lenco.....	0305	Siemens.....	0131, 0064, 0081, 0108
Leyco.....	0099	Silva.....	0064
Loewe.....	0108, 0189, 0031, 0064	Singer.....	0072
Logik.....	0031, 0267	Sinudyne.....	0031, 0108
Luxor.....	0073, 0133,	Solavox.....	0047
.....	0070, 0075, 0131	Sonolor.....	0073
M Electronic.....	0027	Sontec.....	0064
Manesth.....	0072, 0099	Sony.....	0061, 0059, 0038
Marantz.....	0108	Sunstar.....	0027
Matsui.....	0236, 0031,	Suntronic.....	0027
.....	0063, 0115, 0235	Tashiko.....	0027
Memorex.....	0131, 0027, 0064, 0073	Tatung.....	0108, 0027, 0068
Memphis.....	0099	Tec.....	0047
Metz.....	0374, 0064, 0189, 0254	Technics.....	0189, 0253
Mitsubishi.....	0070, 0094, 0108	Teleavia.....	0068, 0520
Multitech.....	0027, 0099	Telefunken.....	0068, 0520,
Murphy.....	0027	.....	0411, 0347, 0521
Myryad.....	0108	Tenosal.....	0099
NEC.....	0068, 0094	Tensai.....	0027, 0349
Neckermann.....	0108	Thomson.....	0068, 0411, 0521,
Nesco.....	0099	.....	0094, 0347, 0520
Nokia.....	0131, 0133,	Thorn.....	0068, 0063, 0131
.....	0068, 0073, 0267	Toshiba.....	0072, 0068,
Nordmende.....	0068, 0411,	.....	0411, 0070, 0108
.....	0521, 0347	Towada.....	0349
Oceanic.....	0027, 0068	Triumph.....	0235
Okano.....	0342	Uher.....	0267
Orion.....	0235, 0236,	Universum.....	0027, 0108,
.....	0031, 0063, 0115	.....	0133, 0064, 0267
Osaki.....	0027, 0064, 0099	Videomagic.....	0064
Otto Versand.....	0108	Villain.....	0027
Palladium.....	0064, 0068, 0099	Yamishi.....	0099
Panasonic.....	0253, 0189, 0254	Yokan.....	0099
Pathe Cinema.....	0063	Yoko.....	0267, 0047
Pathe Marconi.....	0068		
Pentax.....	0069		
Perdio.....	0027		
Philips.....	0108, 0430, 0411		
Phonola.....	0108		
Pioneer.....	0108, 0094		
Portland.....	0047		
Profex.....	0349		
Profitronic.....	0267		
Proline.....	0027		
Pye.....	0108		
Quartz.....	0073		
Quelle.....	0108		
RFT.....	0430		
Radiola.....	0108		
Rex.....	0068, 0411		
Roadstar.....	0064, 0099, 0267, 0305		
SBR.....	0108		
SEG.....	0267, 0349		
SEI.....	0031, 0108		
Saba.....	0068, 0411,		
.....	0521, 0233, 0347		
Saisho.....	0236, 0031,		
.....	0063, 0115, 0235		
Salora.....	0073, 0070, 0133		
Samsung.....	0267, 0459		
Sansui.....	0068, 0094		
Sanyo.....	0073, 0131		
Schaub Lorenz.....	0027, 0068, 0131		
Schneider.....	0108, 0027, 0099		
Seleco.....	0068		
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		Alba.....	0482, 0389, 0542
		Amstrad.....	0488, 0279, 0372, 0874
		Ankaro.....	0740, 0396
		Armstrong.....	0270
		Astra.....	0135, 0566
		Astro.....	0200, 0385, 0547
		Avalon.....	0423
		Axis.....	0396
		BT.....	0695, 0542, 0737
		Best.....	0396
		Blaupunkt.....	0200
		Boca.....	0270
		British Sky Broadcasting.....	0874
		CNT.....	0547
		Cambridge.....	0542
		Canal Digital.....	0880
		Canal Satellite.....	0880
		Canal+.....	0880
		Channel Master.....	0389
		CityCom.....	0845, 0421
		Connexions.....	0423
		Crown.....	0270
		Cyrus.....	0227
		DDC.....	0389
		DNT.....	0423, 0227
		Distratel.....	0912

VCR

CODELIST

Codes

SAT / CABLE

Echostar.....	0898, 0740, 0423, 0880	Radiola.....	0227
Eurodec.....	0551	Radix.....	0423
FTE.....	0358	SAT.....	0488
Ferguson.....	0363	SEG.....	0396, 0566
Fidelity.....	0279	SKY.....	0883
Finlux.....	0135, 0482	SM Electronic.....	0740
Fracarro.....	0898	Saba.....	0363, 0547, 0737, 0912
Fuba.....	0423, 0396	Sabre.....	0482
Galaxis.....	1138	Sagem.....	0847
Gardiner.....	0845	Salora.....	0135
Gold Box.....	0880	SatPartner.....	0547
Gooding.....	0598	Schneider.....	0832
Grandin.....	0872	Schwaiger.....	1138, 0421, 0531, 0579
Grundig.....	0200, 0874, 0166, 0777, 0598, 0832	Seemann.....	0423
Hirschmann.....	0200, 0423, 0600	Siemens.....	0200
Hitachi.....	0482	Skymaster.....	0655, 0740
Houston.....	0695	Smart.....	0159
Huth.....	0270	Sony.....	0874
ITT.....	0135	Strong.....	0159, 0906
InVideo.....	0898	Supernova.....	0914
Intervision.....	0619	TPS.....	0847
JOK.....	0737	Tantec.....	0363, 0482
JVC.....	0542, 0598	TechniSat.....	0289
Kathrein.....	0685, 0200, 0385, 0358, 0469, 0531, 0649, 0227, 0421, 1084	Teleka.....	0270
Kosmos.....	0358	Thomson.....	0880, 0482
Kreiselmeyer.....	0200	Tonna.....	0695
LaSAT.....	0547	Universum.....	0200, 0598
Lennox.....	0619	Ventana.....	0227
Lupus.....	0396	Wisi.....	0200, 0423, 0482
Luxor.....	0135, 0600	Zehnder.....	0358, 0579, 0845, 0547
Macab.....	0551, 0878	Zenith.....	0883
Manhattan.....	0547, 0619, 0482		
Marantz.....	0227		
Maspro.....	0777, 0363		
Matsui.....	0598		
MediaSat.....	0880		
Mediamarkt.....	0270		
Metronic.....	0740		
Micro Technology.....	0566		
Minerva.....	0598		
Morgan's.....	0270, 0159		
Multichoice.....	0906		
Multistar.....	0358		
Myryad.....	0227		
Nikko.....	0740		
Nokia.....	0135, 0600, 0900, 1050, 0482		
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Pace.....	0482, 0268, 0818, 0363, 0524, 0914, 0747, 0822, 0874		
Palladium.....	0598		
Panasat.....	0906		
Panasonic.....	0874		
Panda.....	0482		
Patriot.....	0542		
Philips.....	0227, 0880, 0160, 0126, 0319, 0482, 0777, 0832, 0161, 0598, 0737		
Phonotrend.....	0619, 0815		
Pioneer.....	0880		
Polytron.....	0421		
Preisner.....	0159, 0289		
Promax.....	0482		
Quadral.....	0389, 0655		
RFT.....	0227		

SAT

SETUP CODES FOR CABLE

Birmingham Cable	
Communications.....	0303
British Telecom.....	0030
Filmnet.....	0470
HyperVision.....	0646
Jerrold.....	0303, 0030
MNet.....	0470
Nokia.....	0708
Noos.....	0844
PVP Stereo Visual Matrix.....	0030
Philips.....	0646
Sagem.....	0844
Scientific Atlanta.....	0304, 0035
Supercable.....	0303
Tele+1.....	0470
Torx.....	0030
United Cable.....	0030

CODELIST

**Guarantee
certificate
Certificat de
garantie
Garantiebewijs
Záruční list**

**Garantieschein
Certificado de
garantía
Certificato di
garanzia
Karta
gwarancyjna**

**Certificado de
garantia
Garantibevís
Takuutodistus
Εγγύηση
Гарантия**

1	year	warranty	anno	garanzia
	année	garantie	ano	garantia
	jaar	garantie	år	garanti
	Jahr	Garantie	vuosi	takuu
	año	garantía	χρόνος	εγγύηση
	rok	gwarancyjna	год	гарантия

Type: _____

Serial nr.: _____

Date of purchase - Date d'achat - Koopdatum - Kaufdatum -
Fecha de compra - Data di acquisto - Data da compra - Inköpsdat -
Køpedatum - Kjøpedato - Ostopäivä - Ημερομηνία αγοράς -
Datum nákupu - Data zakupu - Дата приобретения

_____ 20 _____

Dealer's name, address and signature

Nom, adresse et signature du revendeur

Naam, adres en handtekening v.d. verkoper

Name, Anschrift und Unterschrift des Händlers

Nombre, dirección y firma del distribuidor

Nome, indirizzo e firma del fornitore

Nome, endereço e assinatura da loja

Återförsäljarens namn, adress och namnteckning

Forhandlerens navn, adresse og underskrift

Myyjän nimi, osoite ja allekirjoitus

Jméno prodejce, adresa a podpis

Nazwa, adres punktu sprzedaży i podpis sprzedawcy

Jméno prodejce, adresa a podpis

Όνοματεπώνυμο, διεύθυνση και υπογραφή του εμπ. προμηθευτή



PHILIPS