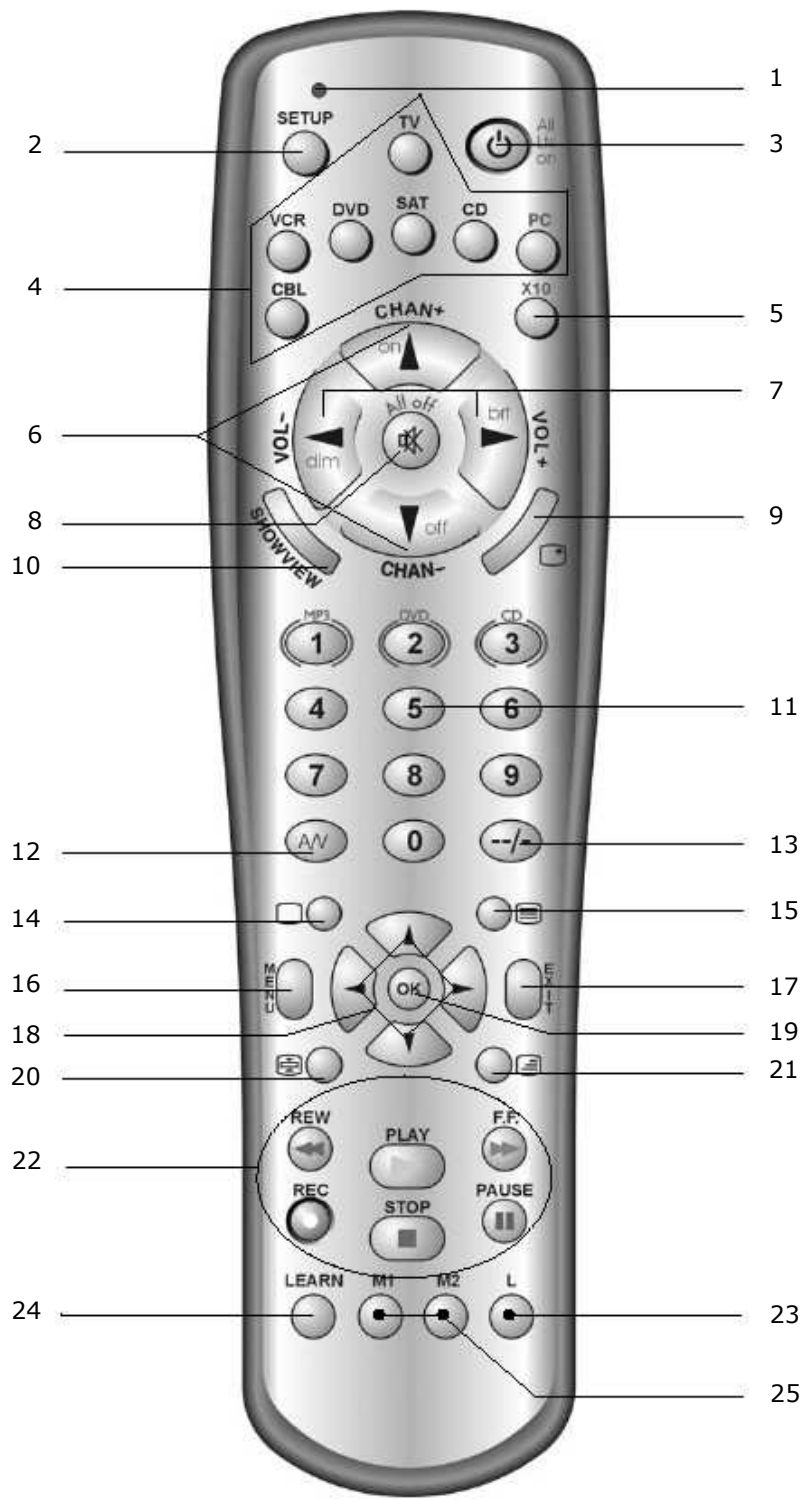


UR76 E

REMOTE CONTROL

**User Guide**





## **UR76 E REMOTE CONTROL**

### **General Security Note**

Technical manipulation of the product or any changes to the product are forbidden, because of security and approval issues.

Take care of proper starting up the device - consult your user guide. Children should use the device only under adult supervision.

Avoid the following :

- strong mechanical tear and wear
- high temperature
- strong vibrations
- high humidity

Please also respect the additional security notes in the various user guide chapters. For questions not covered from the user guide please contact our technical hotline or another specialist.

To insure a proper set up please read the manual and security notes carefully.

### **Battery change :**

The device may only be used with 2 AAA batteries - never try to connect to another power supply. When inserting batteries be sure the right polarity is used. Remove the batteries when the device is not used for a longer period. Make sure that the batteries are not short circuited and are not disposed in fire (danger of explosion)

Batteries do not belong in children hands. Don't let batteries lay around openly - they might be swallowed by children or animals. If this happens see a doctor immediately.

Leaking or damaged batteries can upon contact with skin cause burning or acid damage - if necessary use suitable gloves

### **Disposal of batteries :**

Batteries are special waste and do not belong in general household waste disposal.

The end-user is by law required to dispose of used batteries by returning them - disposal with or through household waste is forbidden. Your used batteries can be returned in any of our shops or in our headquarters, as well as to all local authorised collection points.

Keep the environment safe.

## UR76 E REMOTE CONTROL

### Quick start guide

#### 1) Put the batteries in

1. Open the cover on the back of the UR76E
2. Insert 2 batteries (LR03 alkaline). Make sure the batteries are the same brand and are **NEW**

#### 2) Programme your UR76E

1. Turn on the equipment that you wish to control (TV, VCR, DVD, SAT, CD etc ...)
2. Take the code book supplied with the UR76E and find the brand of the equipment you wish to control. E.g. if you have a Thomson TV look for Thomson under the TV section.
3. Press on the key marked « SETUP » (2) pressing the key until the red LED stays permanently bright. This takes about 3 seconds.
4. Press on the TV, VCR, DVD, SAT... mode key (4), in accordance with the appliance you wish to control.
5. From the code book take the first number corresponding to your equipment and enter the number by pressing the 0-9 key pad (11). Each time you press a key the red LED (1) will flash.
6. If the number is correctly entered the red LED will switch off. If the number is incorrect then the red LED will flash fast. If incorrect you will need to begin at 1.
7. **Alternative to 5:** If your brand is listed hereafter:

BRAND	CODE	BRAND	CODE
Philips/Radiola	1	Telefunken/Saba/Normende	4
Sony/Panasonic/JVC/ Sharp Akai/Toshiba/Daewoo	2	Grundig/Blaupunkt	5
Thomson/Brandt	3	Nokia/ ITT	6

Enter the code corresponding to your brand, point the UR76E in the direction of your equipment, press once only **CHANNEL+(6)** continue to point the UR76E at your equipment until the equipment changes channel. (The remote control sends an IR signal every second. So please wait until your equipment reacts). When your equipment does react, press on the key **--/- (13)** to confirm. If accidentally you miss the code, you can stop the autosearch by pressing **CHANNEL - (6)** and by repeatedly pressing this key return to the right code. Press **--/- (13)** to confirm.

8. Press on the key **POWER (3)**. If your equipment switches off you have found the right code. If it does not switch off, you will need to re-start from 1.

*Sometimes there are several codes which have similar features. If you find that your UR76E does not work for some functions, you may need to search for another code.*

# UR76 E REMOTE CONTROL

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### 1) Introduction

The UR76E is designed to control up to 8 devices (TV, VCR, DVD, Satellite, CD, CBL and PC, plus X10 modules). The UR76E contains a library of codes which are pre-programmed into the remote control. This library covers nearly all the audio video products on the market today.

To make it easy for you to find the right code for your audio video equipment, we advise to use the AUTOSEARCH feature.

### 2) Put in the batteries (always use NEW alkaline batteries LR03)

1. Open the cover on the back of the UR76E.
2. Insert 2 AAA batteries - LR03 alkaline, verify that they are placed correctly with the + on the battery in the same position as marked inside the battery compartment.

### 3) General Point

**The RF transmission:** It is simultaneous to the IR signal. This allows you to combine the commands of your TV , VCR ... and with the use of the Power Mid it works through walls and floors.

**The double function :** it allows you to control the volume and the « mute » button of your TV even when you are in VCR, DVD, SAT or CD or SAT mode.

#### **4) Functions of the keys**

**[1] LED indicator :** The indicator light flashes when the remote is operating or lights continuously while you are programming the remote.

**[2] SETUP :** This allows you to program your remote before the first use.

**[3] POWER / ALL LIGHTS ON:**

**For A/V applications :** Allows you to switch off the last selected appliance.

**In Home Automation Mode :** allows you to switch ON all the lights connected to an X10 module.

**[4] TV, VCR, DVD, SAT, CD, CBL and PC :** These keys allow you to select the appliance you wish to control.

**PC key:** In combination with the optional USB-RF receiver, this key will allow you to control MP3, DVD and CD function on your PC. Ask your dealer for more information.

**[5] X10 mode :** To control the lights/appliances connected to an X10 module

**[6] Channel + / - :**

**For A/V applications :** Selects the next or the previous channel of the last selected mode

**In Home Automation Mode :** allows you to turn ON / OFF any light / appliance connected to an X10 module.

**[7] Volume + / -:**

**For A/V applications :** Controls the volume in VCR, TV , DVD, SAT, CD mode

**In Home Automation Mode :** allows you to DIM / BRIGHT a light connected to an X10 module.

**[8] Mute / ALL OFF:**

**For A/V applications :** Allows you to turn ON/OFF the sound of the last selected appliance.

**In Home Automation Mode :** allows you to switch OFF all the lights and appliances connected to an X10 module.

**[9] INFO :** Displays information of the selected appliance

**[10] Showview:**

**In VCR mode:** Programming of a ShowView or VIDEOPLUS+ recording (see equipment manuals).

**In TV, CAB, SAT and CD mode:** allow to sequentially scan up available program channels / audio tracks

**[11] Numeric keys 0 - 9 :**

**For A/V applications :** Work the same way as your original remote

**In Home Automation Mode** : to select one X10 module, to change the X10 House code

**[12] A/V : Selection of the SCART plug to view DVD, SAT, VCR, ...** on your TV screen

**[13] --/-** : If you are in programming mode – automatic code search - you can confirm the code of the device you want to control. In connection with the numeric keys (11) this button allows you with some equipment to select directly channels higher than 9.

**[14] Teletext OFF**

**[15] Teletext ON**

**[16] Menu** : Menu is ON

**[17] Exit** : Menu is OFF

**[18] Navigation keys** : Up, Down, Right, Left. Allows to navigate into the menu (TV, DVD, etc.)

**[19] OK** : Confirms menu selection

**[20] Teletext Hold** : Stops page change in teletext mode

**[21] Teletext Mix** : Allows to mix the Teletext and the picture of the selected channel.

**[22] VCR button Play , FF , Stop, Rew , Pause :**

**In VCR CD & DVD mode:**

These buttons work directly for the majority of the available brands and work the same way as in your original remotes

**In TV mode:** Fast text function

**REC (record ):** This key works the same way as the one on your original remote for your VCR. In order to avoid a mistake you have to press this key **twice** to activate this feature.

**[23] L:** Spare learn Key. This key is not pre-programmed and lets you learn additional key from an original remote control

**[24] LEARN** : Lets you learn IR commands from an existing remote, that might not be in the UR76E library

**[25] M1 M2:** Macro key. Lets you execute pre-programmed sequence of IR commands.

### **Default Volume Control**

SAT box may not be equipped of a volume adjustment function. Nevertheless, the remote control can command the volume via the TV, even if the last selected mode was SAT. (No need to repress TV mode key). Just proceed as follow :

1. Press and release the TV Mode button (4) – remote must be in TV mode for this procedure.
2. Press and hold SETUP (2) button until LED remains on.
3. Release SETUP button.
4. Press and hold the Mute (8) key for approximately 8 seconds. LED will blink and stay off for the 8 second period then blink once more to indicate volume default acceptance. LED (1) will remain off.
5. Remote volume default is now set.

### **5) Programming your TV, VCR , DVD, SAT, CD and CBL**

Note : you can dedicate any appliance (TV, DVD,SAT...) to the VCR, DVD, SAT, CD, CBL and PC keys : you need first to enter the 3 digit code of the appliance you wish to control (found in the code book). In any case, follow the method below:

1. Press and hold the **SETUP (2)** key until the LED indicator lights continuously. Release the **SETUP** key.
2. Press and release the mode key (4) of the device you want to control (for example TV).
3. Make sure your equipment is switched on (for example TV)
4. Enter the 3 digit code (11) from the library table. The LED (1) turns off after the last digit is entered. If you entered a wrong code the LED blinks for 3 seconds and then goes off. You have to repeat from step 2.
5. Point the remote in the direction of your TV and press the POWER button (3). Your device should turn off. Check other functions (for example for a VCR: FF or REW etc.). If certain functions are not responding this indicates that the entered code is not the correct one. In that case repeat the above procedure with the next corresponding code of your brand.
6. Repeat this procedure for the other equipment you want to control (TV, VCR, DVD, SAT, CD, and CBL)

### **6) Manual code search**

If your equipment (TV, SAT etc....) does not respond, try the other codes for your brand. If it still doesn't respond, try the Code Search method.

If you wish to dedicate another appliance to the VCR, DVD, SAT or CD keys you need first to enter the 3 digit code of an appliance similar to the appliance you want to control. i.e.: to search for a SAT code first enter the code (found in the code book) of any SAT as described in § 5. Then follow the steps below :

1. Make sure your equipment is switched on. If not switch it on manually
2. Press and hold **SETUP (2)** until the LED indicator lights steadily. Release **SETUP**

3. Press the mode key (4) that matches the equipment you want to control (for example TV).
4. Press **Channel + (6)** repeatedly until the channel changes. If you step past the correct code, use **Channel - (6)** to go back to the right code
5. When the equipment you want to control reacts press **--/- (13)** to confirm the code. That's all !

Note : If your equipment doesn't have **Channel +** you can use **PLAY** (VCR or DVD) (22) or **POWER (3)** key

The search starts after the last registered code. If that was 030, the search starts at 031 until the last possible code and then goes from 000 to 029.

Note : if certain functions of your equipment can't be controlled you have to find a different code for your brand

## 7) Automatic code search

When searching an unknown code, you can step through the library automatically (AutoSearch). When your equipment responds, you can stop the searching process and store the code you have found.

If you wish to dedicate another appliance to the VCR, DVD, SAT or CD keys you need first to enter the 3 digit code of an appliance similar to the appliance you want to control. i.e.: to search for a SAT code first enter the code (found in the code book) of any SAT as described in § 5. Then follow the steps below :

1. Turn on the device you want to control.
2. Press and hold **SETUP (2)** until the LED indicator (1) lights steadily. Release **SETUP** button.
3. Press the mode button (4) that matches the equipment you wish to control. The LED (1) blinks once.
5. Press **CHANNEL+ (6)** once. After a few seconds the remote starts stepping through the code library (fast search, 1 code per second). You can press **CHANNEL+ (6)** to switch to slow search (1 code per 3 seconds). You can step back by pressing **CHANNEL- (6)** (you can step forward by pressing **CHANNEL+(6)** in case you went too far back). As soon as the device responds again, press the **--/- key (13)** to store the code you found.

## 8) Identifying codes found using the search procedure

1. Press and hold **SETUP (2)** until the LED indicator (1) lights steadily. Release **SETUP**
2. Press the mode key (4) for the equipment you want to identify (**TV, VCR, DVD, SAT, CD, CBL, PC**). The LED blinks once.
3. Press again **SETUP**. The LED blinks once.
4. To identify the first digit press each number button from 0 – 9 (11) until the LED blinks. The number you pressed is the first digit of the code.

5. Press each number key from 0 – 9 as above to find the second digit.
6. Press each number key from 0 – 9 as above to find the third digit. When the third digit has been found the LED will go off. Don't forget to write down the code on the label of the battery compartment.

## 9) Learning commands

Your UR76E remote has the codes for most TV's, VCR's etc. in its code library. However, if the code for your particular device is not found in the library, you can learn these codes from your existing remote. Or if you find a code from the tables in this manual that "almost" matches your device, but a few buttons are missing, you can learn just those buttons.

1. Point your existing remote at the UR76E remote (front to front) with a distance of about 2,5 centimetres between the remotes.
2. Press and hold SETUP (2) until the LED indicator lights steadily.
3. Press the mode button (TV, CD, SAT, etc.) that matches the equipment you wish to learn. The LED (1) blinks once.
4. Press and release the LEARN button (24). The LED (1) blinks once.
5. Press and release the button on the UR76E remote which will learn the function. The LED blinks once.
6. Press the function key on your **existing** remote that you want to transmit. Hold the button until the LED on the UR76E remote blinks off shortly.
7. Repeat steps 5 and 6 for each function you want to learn.
8. When you're finished learning all the keys, press SETUP (2) .

## 10) Clearing learned commands to free up memory:

### To Clear all stored Learned Commands under a Mode :

You can clear learned commands for each device individually (TV, VCR. Etc.):

1. Press and hold SETUP (2) until the LED indicator light steadily. Release the SETUP button.
2. Press the desired mode button (TV, VCR, etc.) (4). The LED flashes once.
3. Press and release the LEARN (24) key twice.
4. Press the SETUP (2) key. The LED (1) will turn off after a few seconds.
5. All learned commands entries under that mode are now cleared.

### Master Clear - To Clear all stored Learned Commands (recommended on first time Learning) :

1. Press and hold SETUP button (2) until the Visible LED (1) remains on (approximately 2-3 seconds).
2. Release SETUP button.
3. Press and release the Learn key (24) twice. LED (1) will blink off to indicate the keypress acceptance.

4. Press and release the SETUP (2) key. Visible LED will turn off after a few seconds.
5. All Learned Command entries are now cleared.

#### **Notes for learning your remote:**

- Make sure you have fresh batteries in both remotes before learning.
- Take care not to move either remote while pressing the buttons.
- No functions may be stored under the Learn, Setup, TV, VCR, CBL, SAT, CD, CBL, PC or any of the X10 control keys.
- Experiment by learning 2 or 3 keys initially (to ensure compatibility) and then clear the stored learned commands before completely learning your original remote's keyboard.
- Experiment with the distance between the remotes if you have a problem learning.
- Some remotes do not have their IR sender LED in the centre so you might need to experiment with the side-to-side position of the remotes relative to each other.
- Do not proceed in direct sunlight, under a fluorescent or incandescent lamp while teaching the UR76E remote.
- If you have problems learning keys, try clearing the memory and try learning them again.
- Use button L to learn code for which the UR76E does not have a corresponding button

#### **11) Macro function**

Your UR76E remote has 2 Macro keys M1 and M2. You can program these 2 keys to execute a serie of commands with one press of these buttons. This feature is ideal for switching on all your audio and video equipment or choose a preferred setting of your Home Theatre System.

#### **Programming the macro key M1 and M2**

1. Press and hold Setup (2) until the LED indicator lights steadily. Release the Setup key
2. Press the Macro key you want to program (25)
3. Press the keys on your UR76E remote which you want to store under the Macro key (the maximum is 14 commands) The first key stored in a Macro must be a Mode key. The order of programming is also the order of execution of the Macro. The indicator light (1) blink at each keypress. Use the mode keys (4) for any mode changes.
4. To store the macro, press the Macro key once more. If you reach the maximum of 14 commands the Macro will be automatically stored on the 14<sup>th</sup> keypress and the Visible LED (1) will turn off.

**Note for programming Macro's:**

It may be necessary to have "delays" included in the Macro sequence (e.g. to allow your TV warm-up time). Delays can be achieved by using the Pause key followed by the number of seconds delay required e.g. to enter a delay of 4 seconds, press and release Pause followed by 4. Maximum delay is 9 seconds. It is not possible to have a "0" digit entered after Pause i.e. there is no zero delay.

There is an automatic delay of 1 second between each IR transmission in the sequence

**To Delete a Macro :-**

1. Press and hold the Setup button until the Visible LED remains on. Release Setup button.
2. Press and release the Macro key you want to delete. Visible LED will blink off to indicate the keypress acceptance.
3. Press and release the Setup key. The Visible LED will turn off and the Macro is deleted.

**12) Controlling your house with home automation modules from X10**

The UR76E remote allows you to command all electric appliances you have in your house. In addition to transmitting infrared signals, which control your TV, VCR, SAT, CD, DVD and CBL, your remote is equipped with a radio transmitter sending X10 signals, which will enable you to control from a distance lamps and electric appliances.

Here are some examples that you can do with your 8 in 1 remote using X10:

- Switch on/off , dim lights while you watch TV.
- Switch on the lights at night to frighten intruders when you detect something suspicious
- Switch on your electric blanket before the film ends to have it warm when you go to sleep

For controlling your lamps or appliances, you will need additional X10 home modules. The modules are simply plugged into a/c outlet with no additional wiring required. Contact your retailer for additional information.

**To switch on/ off an appliance plugged into an X10 module :** Press the X10 key (5), then press the unit code of the X10 module on the key pad (11) and then press CHAN+ / - (6)

**To dim/bright a light plugged into an X10 module :** press its unit code on the key pad (11) and then press VOL+ / - (7)

**To turn ON all the X10 Lamp modules:** Press the Power key (3)

**To turn Off all the X10 modules (Lamp and appliance):** press the Mute key (8)

### **13) Changing the X10 House Code**

The preset house code is A and in the majority of cases it is not necessary to change this setting except if there is interference from neighbouring X10 systems. In that case :

1. Press and hold **SETUP (2)** until the LED lights continuously
2. Release the **SETUP (2)** button
3. Use the digit keys to enter the number equivalent to the chosen home code (1=A, 2=B, ... 16=P).
4. Press the **--/-(13)** to confirm your command. The LED will turn off

Note : The code you have chosen for your remote has to be the same as the one selected on the Transceiver module TM13 or the security console.

### **14) Problems and troubleshooting**

The remote doesn't work or loses codes entered

- Confirm with your original remote that the equipment works correctly
- Make sure that you have pressed the corresponding mode key of the equipment or device that you want to control.
- If the listed code does not work, try the AUTOSEARCH method or enter the next code of that brand.
- To find the corresponding code for your equipment use the automatic search.
- Check that the batteries respect the polarity of the battery compartment.
- The programming of the remote requires 2 AAA batteries (new). If the remote loses codes within a few days/weeks the problem can be solved by using 2 new batteries of the same brand.
- If the LED is lit permanently, it will generally be necessary to replace the batteries.

#### **Important:**

**The UR76E must be used only in the way described in this instruction manual and may not be used for a purpose not intended.**

## **CE DECLARATION OF CONFORMITY**

We, X10 Europe 3 Rue de Penthièvre 75008 Paris, France, herewith declare that the following designated product :

### **UR76 E Remote Control**

Complies with the essential protection requirements of the R&TTE directive 1999/5/EC on the approximation of the laws of the Member States relating to Radio Spectrum Matters, EMC and Electrical Safety.

Assessment of compliance of the product with requirements relating to the essential requirements acc. to article 3 R&TTE was based on annexe IV of the Directive 1999/5/EC

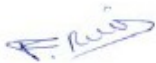
and the following standards :

- Radio : EN 300 220-1-3,
- EMC : ETS 301 489-3,
- Electrical Safety : EN 60 950 CE

**CE0536**

Date : 20.08.2003

F.Rossi



Approval engineer