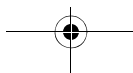
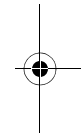
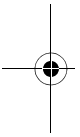




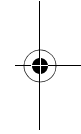
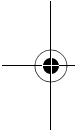
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Safety instructions



Please read these instructions carefully before operating the remote control. Keep the instructions in a safe place for future reference or in case you need to pass them on to someone else.

General information

- Do not attempt to repair the remote control yourself.
- The universal remote control contains an infrared laser class 1 diode. The device has a safety system that prevents the emission of dangerous laser rays escaping from the device during normal use. In order to avoid injury to the eyes, never interfere with or damage the unit's security system.
- Do not subject your remote control to dust, strong sunlight, moisture, high temperatures or strong vibrations.

Battery instructions

- Keep children away from the batteries. Seek medical attention immediately in the event of a battery being swallowed.
- Before inserting the batteries, check whether the contacts in the device and batteries are clean and, if necessary, clean them.
- Only use new batteries. Never use old and new batteries together.
- Do not use a combination of battery types.
- Please note the polarity (+/-) when inserting the batteries.
- WARNING!** There is a risk of explosion if batteries are incorrectly replaced. Replace the batteries only with the same or equivalent type.
- Never try to recharge non-rechargeable batteries. There is a risk of an explosion!
- Store batteries in a cool, dry location. Direct strong heat can damage the batteries. For that reason do not expose the device to any sources of strong heat.
- Never short-circuit the batteries.
- Never throw batteries into a fire.
- If the appliance is not going to be used for long periods, remove the batteries.
- Immediately remove leaking batteries from the device. Clean the contacts before inserting new batteries. There is a risk of corrosion due to battery acid!
- Also remove dead batteries from the device.

Cleaning

Clean the device with a dry or lightly dampened, lint free cloth. Do not use any corrosive or aggressive cleaning products.

Product Description

This universal remote control has eight mode keys and therefore can replace up to eight normal remote controls ("8 in 1 function"). These may be remote controls for practically every type of remote-controlled consumer electronics (see the supplied code list).

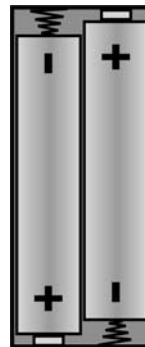
The labels "TV" "VCR" "DVD" "CD" "ASAT" "CBL" "AUX" "DSAT" on the mode keys are for overview purposes. With the exception of the TV key, you can assign any key to any device ("Flex Mode"). To program in codes see "Programming device codes" on page 13.

Operation

Inserting batteries

2 LR03 AAA micro batteries are supplied.

- ▶ Remove the battery compartment cover by pushing it downwards.
- ▶ Insert both batteries into the compartment while observing the +/- polarity.
- ▶ Replace the cover.



Settings after battery replacement

If the batteries have been inserted correctly, the factory setting is displayed. It shows the active mode ("TV"), the day of the week and the time.



- ▶ Please read "Setting time and date" on page 9 for more information on setting the time and date.

After new batteries have been inserted, the mode, time, date and backlight time are reset to the factory settings.

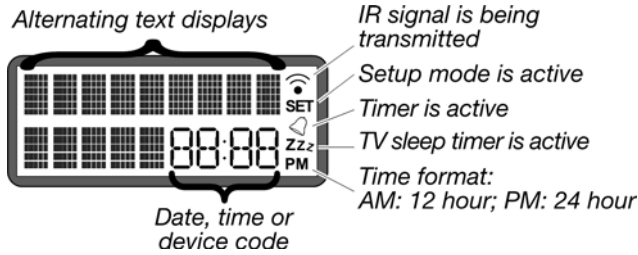
However, codes that have already been programmed in as well as programmed learn functions and macros are retained when batteries are changed.

Protection against unexpected battery discharging

If a key remains pressed down by accident (because something is lying on the remote control for example), the remote control sends 255 infrared signals (for approximately 30 seconds) and this ends the transmission. This prevents the batteries from discharging accidentally.

The display

Overview



Default readouts in the display

Standard display – time

In the standard display

- the active mode appears in the first column (device type).
- the day of the week and time appears in the second column.



Date

Press the S (Setup) ¹ key briefly to show:

- the symbol for the activated SHIFT function² (S) in the first column;
- the date in the second column.

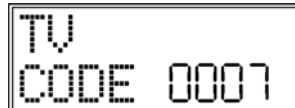


Please read “Setting time and date” on page 9 for more information on setting the time and date.

Select mode or device

Use a mode key to select the mode or the device that was programmed to this mode key. In the display:

- the name of the mode key appears in the first column;
- this device's programmed code appears in the second column.

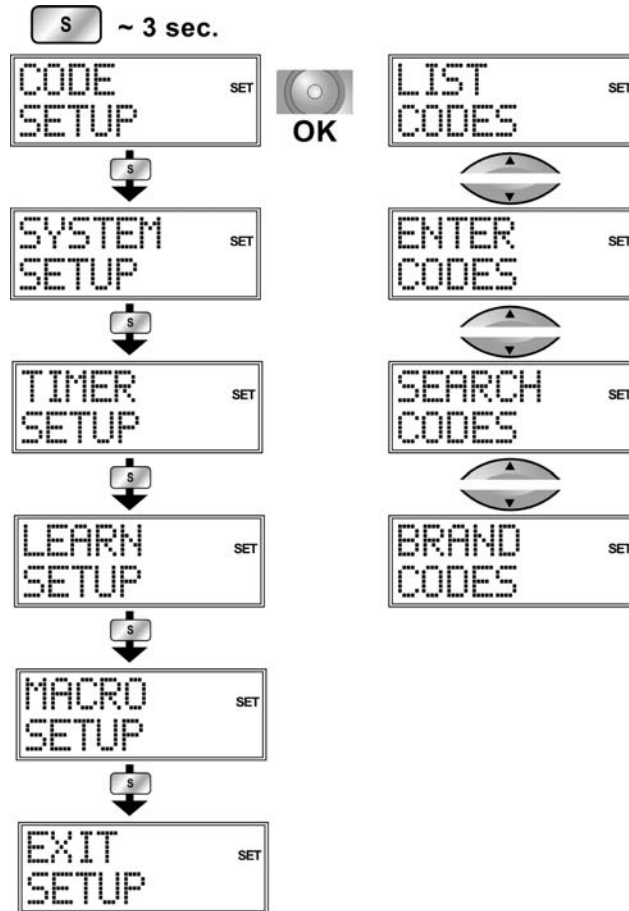


Please refer to “Programming device codes” on page 13 for more information on programming the device code.

1. Press and hold the S (Setup) key to open the SETUP menu with the first menu CODE SETUP (cf. next chapter).
2. Most keys can be assigned two functions (cf. Page 19). You can access the second function by first activating the SHIFT function.

Navigating the menus

- ▶ To open the Setup menu, press and hold the S (Setup) key until CODE SETUP appears along with the "SET" symbol in the display.
- ▶ If the display shows CODE SETUP continue to press the S (Setup) key to access the other menus:
CODE SETUP > SYSTEM SETUP > TIMER SETUP > LEARN SETUP > MACRO SETUP > EXIT SETUP.
- ▶ Press OK to open a menu.
- ▶ Press the arrows to switch between sub-menus ▲▼.



- ▶ To exit the Setup menu, press the EXIT key and confirm the EXIT SETUP display with OK.

Cancel function

If you wish to cancel a process, wait approx. 30 seconds. The Setup menu closes automatically and the TIMEOUT message appears.











Setting time and date

In the standard display, the day and time appear in the lower column.

Press the S (Setup) key briefly to show the date in the lower column for approx. 30 seconds.

Setting clock time

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.
 
2. Press S again briefly to open the SYSTEM SETUP.
 
3. Confirm with OK. The VOL/MUTE SETUP ¹ is displayed.
 
4. Use the arrows ▼ to select the TIME SETUP and confirm with OK.
 
5. The current time format flashes. Use the arrows to select ▲▼ the 12 or 24 HR time format) and confirm with OK (see the end of the section).
 
6. The hour display flashes. Use the arrows to select ▲▼ the hour and confirm by pressing OK.
 
7. The minute display flashes. Use the arrows to select ▲▼ the number of minutes and confirm by pressing OK.
 
8. The message SUCCESS appears and the display returns to CODE SETUP.
 

If you choose 12 HR format, the time is displayed with the AM or PM symbols.



1. The VOL/MUTE SETUP is explained on page 30, Universal Functions („Punch Through“)

Setting the date

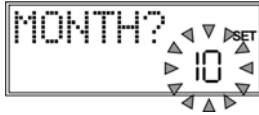
1. Open SYSTEM SETUP as described in "Setting clock time".
2. Confirm with OK. The VOL/MUTE SETUP is displayed.
3. Use the arrows to select ▼ the DATE SETUP (press twice) and confirm with OK.



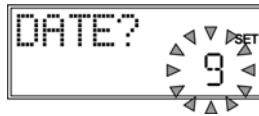
4. The year flashes. Use the arrows to select ▲▼ the year and confirm by pressing OK.



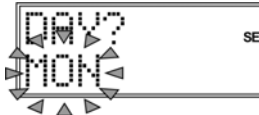
5. The month flashes. Use the arrows to select ▲▼ the month and confirm by pressing OK.



6. The day ("DATE") flashes. Use the arrows to select ▲▼ the day and confirm by pressing OK.



7. The day ("DAY") flashes. Use the arrows to select ▲▼ the day of the week and confirm by pressing OK.




8. The message SUCCESS appears and the display returns to CODE SETUP.



Backlight


The display's backlight comes on each time the button is pressed. The backlight's factory setting is for 10 seconds. You can switch off the backlight or extend it to 60 seconds.

 Please note that the backlight uses up additional battery life.

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.
2. Press S again briefly to open SYSTEM SETUP.
3. Confirm with OK. The VOL/ MUTE SETUP is displayed.
4. Use the arrows (press three times) to select ▼ the BACKLIGHT SETUP and confirm with OK.
5. The current set time flashes (factory setting is for 10 seconds). Use the arrows to select ▲▼ the required time span in five second intervals. - In order to switch the backlight off, select "00" seconds. Confirm with OK.
6. The confirmation message SUCCESS appears and the display returns to CODE SETUP.



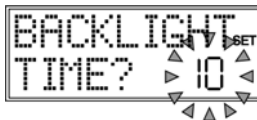
CODE SETUP SET



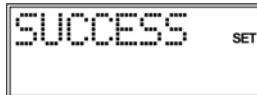
SYSTEM SETUP SET



BACKLIGHT SETUP SET



BACKLIGHT TIME? 10 SET



SUCCESS SET

RESET - factory settings

Use Reset to restore all device settings to the factory settings. Codes that have been programmed in, learn functions and macros are therefore deleted.

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



CODE SETUP SET

2. Press S again briefly to open SYSTEM SETUP.
3. Confirm with OK. The VOL/ MUTE SETUP is displayed.



SYSTEM SETUP SET

4. Use the arrows ▼ (press four times) to select SYSTEM RESET and confirm with OK.



SYSTEM RESET SET

5. The message CONFIRM RESET is displayed. Confirm with OK to reset the settings.



CONFIRM RESET SET


6. While the factory settings are being restored, PLEASE WAIT appears in the display.



PLEASE WAIT SET

Programming device codes

For every device that you would like to operate using the universal remote control, you must program a four-digit device code to a mode key (TV, VCR, DVD, CD, ASAT, CBL, AUX, DSAT). The names on the keys are only for reminder purposes. With the exception of the TV key you can assign any key to any device ("Flex Mode").

 The TV mode key can only be assigned to TV device codes.

Your universal remote control is pre-programmed with proprietary codes from Tevion devices and its most important functions can be used with proprietary Tevion devices without requiring any extra programming.

Device types and code groups

You can choose between the following device types when programming in codes:

TV: TV set, projector, plasma screen, LCD;
 VCR: Video recorder;
 LD: Laser disc player;
 DVD: DVD player;
 DVR: Digital video recorder;
 HDD: Hard disk drive;
 SAT: Satellite receivers (analogue, digital);
 CABLE: Cable box, Pay TV decoder;
 DVBT: DVB-T receivers;
 STB: Set top box;
 AUDIO: Audio device;
 AMP: Amplifier;
 RECR: Receiver (combined radio and amplifier);
 HTIB: Home Cinema;
 MP3: MP3 player;
 CD: CD player;
 TAPE: Cassette players;
 TUNER: Radio;
 PHONO: Record player.

Assignment to code groups

Each type of device is assigned to a group of device codes. When you select a device type, the appropriate code group is searched to find a device code. Device types are assigned as follows:

Device type	Code group
TV	TV
VCR, LD, DVD, DVR, HDD, HTIB	VCR/DVD
SAT, CABLE, DVB-T, STB,	CBL/SAT
AUDIO, AMP, RECR, MP3, CD, TAPE, TUNER, PHONO, HTIB (some)	CD/AUDIO

Programming options

The following sections describe the different methods for finding a device code:

- by selecting a code for a certain device type in the display,
- according to the enclosed Code List,
- by running a search,
- by brand name.

For combined devices (e.g. TV set with video recorder, TV set with DVD player, DVD and video recorder) it is often necessary to assign two mode keys with the respective code for each part of the device (e.g. the TV mode key for TV functions and a different mode key for the VCR or DVD functions). However, there are also combined devices with only one code for both device parts (see also "Operating combined devices" on page 20).

Opens programming mode

- ▶ To open the programming mode, press and hold the S (Setup) key until CODE SETUP appears along with "SET" in the display.



Select device code in the display

1. Switch on the device to be controlled.
2. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



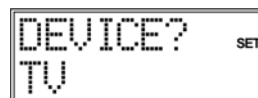
3. Press OK. The LIST CODES menu is displayed.




4. Press OK. The MODE KEY display appears.



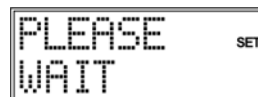
5. Press the required mode key (TV, VCR, DVD, CD, ASAT, CBL, AUX, DSAT). In the display you see the words DEVICE? TV.



6. Use the arrows to select ▲▼ the device type to be programmed on this mode key. (If you select "TV" it is not possible to select a device type because only TV codes can be programmed on the TV mode key.)

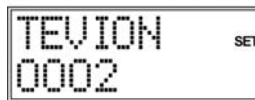
 Please refer to the list and table on Page 13.

7. Press OK. PLEASE WAIT appears in the display. The codes for the device group that contains the previously selected device type are now scanned in order of brand name (cf. the enclosed code list). The first entry is displayed in alphabetical order with the first code.




8. Use the arrows to select ▲▼ the brand name of your device. The first code is shown.

Example TV group:



9. Use the arrows to select a device code ◀▶ for this brand name.
10. Now try the universal remote control with your device. To do this, (depending on the device type) use the following keys POWER ⏻, 0 – 9, VOL, PROG, AV, Mute ⏸, Video text as well as the six playback keys. If the device does not respond as expected, select a different code.

11. When you have found a suitable device code, press OK to save the code. PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.



The remote control returns to normal operation.

Entering the device code according to the code list

The codes of the corresponding devices can be found in the code list enclosed with these operating instructions.

1. Switch on the device to be controlled.
2. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



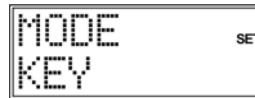
3. Press OK. LIST CODES now appears in the display.



4. Use the arrows to select ▼ the ENTER CODES menu.



5. Press OK. The MODE KEY display appears.

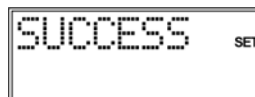


6. Press the required mode key (TV, VCR, DVD, CD, ASAT, CBL, AUX, DSAT). The mode key label is displayed with the current code.

Example:



7. Use the number keys to select the preferred code from the code list. After you enter the fourth digit, the confirmation message SUCCESS is displayed.



The remote control returns to normal operation.

If an incorrect code is entered, the error message CODE ERROR appears. – The universal remote control then switches to normal operation.



CODE
ERROR

Manual code search

You can use the manual code search to find all of a device's codes, including those that are not shown in the code list.

1. Switch on the device to be controlled.
2. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



CODE
SETUP

3. Press OK. LIST CODES now appears in the display.
4. Use the arrows ▼ (press twice) to select the SEARCH CODES menu.

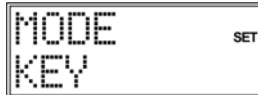


LIST
CODES



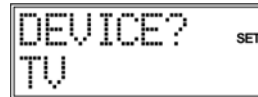
SEARCH
CODES

5. Press OK. The MODE KEY display appears.




MODE
KEY

6. Press the required mode key (TV, VCR, DVD, CD, ASAT, CBL, AUX, DSAT). The DEVICE TV display appears.




DEVICE?
TV


7. Use the arrows to select ▲▼ the device type to be programmed on this mode key. (If you select "TV" it is not possible to select a device type because only TV codes can be programmed on the TV mode key.)

 Please refer to the list and table on Page 13.

8. Press OK. The SEARCH KEY display appears.



SEARCH
KEY?

9. Perform the function test now by pressing the PROG+,  or PLAY (VCR only) keys (up to 350 times) until the device changes channels, switches off or responds accordingly. The code search begins with the code that is currently stored.

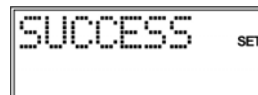


SEARCHING
DVD

While the search is running, the word SEARCHING (along with the selected device type) is displayed.

If you miss the code, you can go back step by step with the PROG– key.

10. When the device responds accordingly each time a key is pressed, press OK to save the code. The SUCCESS confirmation message appears.



SUCCESS

The remote control returns to normal operation.

When all codes for the selected device type are shown, the following message appears:
SEARCH END.



Code searching by brand name

This function gives you the option of searching by brand name. You can find the brand name in the code list under "Code Search by Brand Name".

1. Switch on the device to be controlled.
2. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



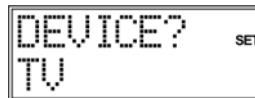
3. Press OK. LIST CODES now appears in the display.
4. Use the arrows ▼ (press three times) to select the BRAND CODES menu.





5. Press OK. The MODE KEY display appears.




6. Press the required mode key (TV, VCR, DVD, CD, ASAT, CBL, AUX, DSAT). The DEVICE TV display appears.



7. Use the arrows to select ▲▼ the device type to be programmed on this mode key. (If you select "TV" it is not possible to select a device type, because only TV codes can be programmed on the TV mode key.)

 Please refer to the list and table Page 13.

8. Press OK. The BRAND KEY? query appears.



9. Press a number key for a required manufacturer according to the following overview:

Key 1 = Medion, Tchibo

Key 2 = Philips, Radiola, Philco, Erres, Pye

Key 3 = Sony, Akai, Panasonic, JVC, Sharp, Toshiba, Daewoo

Key 4 = Thomson, Brandt, Fergusson


Key 5 = Saba, Nordmende, Telefunken

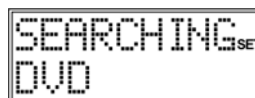
Key 6 = Grundig, Blaupunkt

Key 0 = all brands.

10. Press OK. The SEARCH KEY? display appears.



11. Perform the function test now by pressing the PROG+,  or PLAY keys (VCR only) until the device changes channel, switches off or responds accordingly.



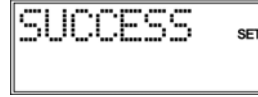


The code search begins with the code that is currently stored.

While the search is running, the word SEARCHING (along with the selected device type) is displayed.

If you miss the code, you can go back step by step with the PROG- key.

12. When the device responds accordingly each time a key is pressed, press OK to save the code. The SUCCESS confirmation message appears.

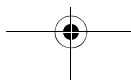
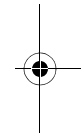
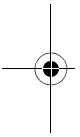


The remote control returns to normal operation.

Code identification

If you want to know which code is saved on a particular mode key, simply press this key. The selected device type and device code appear.

Example:



Normal operation

Operating individual devices

After you have finished programming your remote control for your audio/video devices, the remote control will work in the common main functions just like the original remote control for the respective device.

Point your remote control at the desired device and press the relevant mode key. The mode key label is displayed with the programmed in code. [For the universal functions – see “Universal functions (“Punch Through)” on page 30 – you do not need to press the mode key in advance.]

Example:



Activate the functions by pressing the corresponding function key on your universal remote control. The symbol for infrared transmission appears each time you press a key.



Each time a key is pressed the display backlight switches on for between 10 and 60 seconds (to set this duration please read: “Backlight” on page 11).


 Please note:

- In certain circumstances, not every function of your original remote control may be directly available on the universal remote control.
 - Especially for newer devices, it might be possible that the functions are stored to different keys than expected or may not even be available at all.
- In these cases you can use the learn function to transfer the functions of your original remote control to the desired keys of the universal remote control (see “Learn function” on page 24).


SHIFT function

After you program a device code, the universal remote control keys can have double functions (with the exception of the S_(Setup) and MACRO keys).

- ▶ To use the second function, briefly press the S (SETUP) key and then (within 15-20 seconds) press one of the secondary function or number keys.

 Try out which additional functions a key has for a particular device code.

Recordings

The  (Record) key for recording (e.g. on video recorder, DVD, or cassette recorder) must be pressed twice. This acts as a protection from accidental recordings.

EPG – Electronic Programme Guide

The EPG (“Electronic Programme Guide”) key has various functions depending on which code has been used:

- For TV and satellite codes (e.g. SAT-TV or DVB-T), the button opens the electronic programme guide.
- For DVD codes the button opens the title menu.

- For VCR codes you can use the button for programming, if your video recorder has a Showview function.

If the device has both an EPG and a Showview function, the EPG function is given priority.

Operating combined devices

Combined devices are for example a TV set with an integrated video recorder, a TV set with a DVD player or a DVD recorder with a video recorder. Several controlling options are available to combined devices.

Combined devices with two device codes

Some combined devices (e.g. TV set with video recorder) require two device codes - one for each device part. Program the correct TV code on the TV mode key and the video recorder code on the other mode key. The combined device is then controlled like two separate devices.

Combined devices with one device code

Other combined devices only require one code. In this case, you must first select the device part you would like to operate.

Example: The device is a combined DVD recorder/video recorder. The device code was stored on the DVD mode key.


- ▶ Now activate the DVD part in the combined device by holding down the DVD mode key for longer than one second.
- ▶ To activate the video recorder in the combined device, first briefly press the S (Setup) key for the SHIFT function, then the DVD mode key.

If your combined unit only requires one code but you would like to operate it with two mode keys, then proceed as follows:


- ▶ Programme the device code to two mode keys.
- ▶ Operate one of the unit parts with one of the two mode keys.
- ▶ Use the learn function (see "Learn function" on page 24) to transfer the desired functions of the other unit part to the other mode key.

ALL OFF function

You can switch off all pre-programmed devices at the same time. This is done as follows:

1. Press the POWER/ALL OFF key  twice in rapid succession and keep it pressed down after the second time for approx. 3 seconds.
2. When you release the key, ALL OFF appears and the devices are switched off.



Some devices can be switched on and off with the POWER/ALL OFF key . Devices switched off in such a way will, if they were switched off, be switched back on when you perform the ALL OFF function.

Set timer

The universal remote control has two timer functions:

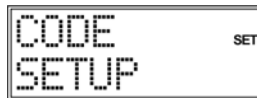
- a sleep-timer for the TV (automatic switch off after 1 to 90 minutes); "Zzz" appears in the display:
- four additional times for customisable commands (e.g. switching to another programme); the bell symbol appears in the display.



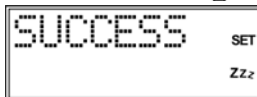
TV sleep-timer

Set sleep-timer

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.
2. Press S briefly twice more to open TIMER SETUP.
3. Press OK" The TV SLEEP SETUP menu is displayed.
4. Press OK" The TV SLEEP SET display appears.
5. Press OK" The number of minutes flash in the display.
6. Use the arrows ▲▼ to enter the time after which the TV device should switch itself off automatically.



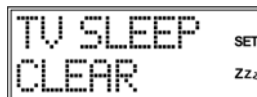
7. Press OK" The SUCCESS confirmation message appears along with the TV timer symbol "Zzz".
8. Lay the universal remote control down so that it is pointing towards the device and is not obstructed.



Switch off sleep-timer

If a sleep-timer is on ("Zzz" appears in the display) TV SLEEP CLEAR appears in the display instead of TV SLEEP SET when you perform the steps described above.

1. Perform steps 1 to 4 as described above. The TV SLEEP CLEAR display appears.
2. Press OK" The message CONFIRM CLEAR is displayed.
3. Press OK" The SUCCESS confirmation message appears.



Command timer

The clock must be set for this timer.

You can use the command timer to program a function that is to run automatically at a particular time within the next 24 hours. The command series can contain up to four commands, the first command must always be the selection of a mode key.

The following keys are not available for the remaining three commands: the mode keys, the joystick (arrows and OK), MACRO, SETUP, EXIT.

You can create four command timers (Timer 1, Timer 2, Timer 3, Timer 4).

When the command is run this timer is automatically deleted.

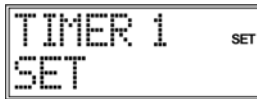
Program the command timer

Example: This is how to program a command timer to control a recording on a DVD recorder.

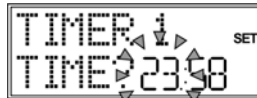
1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.
2. Press S briefly twice more to open TIMER SETUP.
3. Press OK" The SLEEPTIMER TV menu is displayed.
4. Use the arrows to select ▼ the TIMER 1 SETUP menu ¹.



5. Press OK" The TIMER 1 SET display appears.



6. Press OK" The time when the command will be run appears. The hours flash.

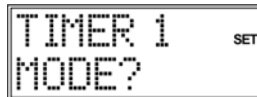


7. Use the arrows to set ▲▼ the hour and confirm by pressing OK. The minutes flash.



8. Use the arrows to set ▲▼ the minutes and confirm by pressing OK.

9. The TIMER 1 MODE? display prompts you to enter the command. Use the mode key to select the device on which the command should be performed.



In our example, DVD if the DVD recorder was programmed on this key.

1. If a command timer has already been entered, then TIMER 2, 3 or 4 appears here.

10. Press OK. You are prompted to make the first entry TIMER 1 KEY1. Enter the first command. In our example: Use the number keys to select the programme.



If no other input is needed, press OK or EXIT.

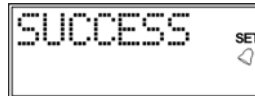
11. The TIMER 1 KEY2 display appears. Enter the second command. In our example: Press the Record key.



12. The TIMER 1 KEY3 display appears after the second command. In our example, press the Record key again.



13. The SUCCESS confirmation message appears along with the bell symbol after the third command.



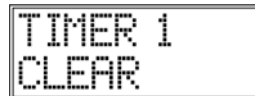
14. Lay the universal remote control down so that it is pointing towards the device and is not obstructed.

You can cancel programming at any time by pressing EXIT.

Delete command timer

If a command timer is set (the bell symbol appears in the display), TIMER 1 CLEAR appears in the display instead of TIMER 1 SET in the steps described above.

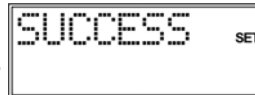
1. Perform steps 1 to 5 as described above. The TIMER 1 CLEAR display appears.



2. Press OK" The message CONFIRM CLEAR is displayed.



3. Press OK" The SUCCESS confirmation message appears.




Learn function

You can manually save the functions of an original remote control to your universal remote control. Commands are saved to the mode key on which the device of the original remote control was programmed.

The universal remote control can “learn” up to 150 commands.

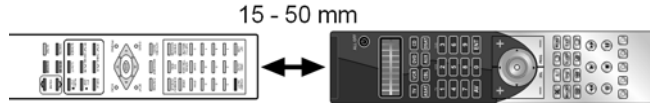
Notes on learn function

- Use new batteries for both remote controls.
 - If you start programming from the start – especially after the first operation – delete all saved commands first of all (see “Deleting commands for all mode keys” on page 26).
 - Only one original remote control can be programmed on each mode key.
 - If you would like to program an original remote control to a mode key, first delete the commands on this mode key (see “Deleting commands for only one mode key” on page 26).
 - The LEARN ERROR message is displayed if the memory is full. If this happens, delete saved commands.
 - Programming each key can take approx. 3 seconds. Do not release the key to be learned before the SUCCESS or LEARN ERROR message appears.
 - The following keys cannot be assigned to functions: S (Setup), MACRO and all mode keys.
 - Some original remote controls (for DVD, video recorder, SAT) can themselves be programmed with the device codes of some TV brands to carry out basic TV set functions (volume, mute, channel search).
Do not attempt to transfer the functions of an original remote control that has been programmed with the code of a different TV set to your universal remote control. This could cause programming errors.
 - First try to program two or three commands and then test them.
 - Before programming in your commands, first delete all existing commands (see “Deleting commands for all mode keys” on page 26).
-  Do not execute the learn function under a low-energy lamp. Such lamps (e.g. fluorescent lamps) can contain infrared light components that could influence the learn function.

Program commands

To programme, proceed as follows:

1. Place the remote controls with the infrared diodes facing each other spaced 15 to 50 mm apart on the table. The infrared diodes must be pointing directly at each other.



2. Keep the S (Setup) key pressed for approx. 3 seconds until CODE SETUP appears.



3. Press S briefly three more times to open the LEARN SETUP menu.



4. Press OK to open the learn mode.

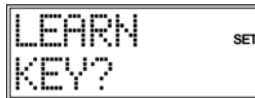


5. Confirm once again with OK.

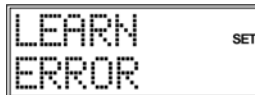
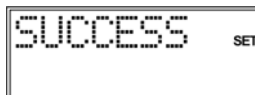
6. Now select the mode key on which the device of the original remote control was programmed.



7. The LEARN KEY prompt appears. Now select the key on the universal remote control that is to be assigned to the original remote control function (not: S or MACRO).



8. In the display you now see LEARNING. Now select the key on the universal remote control whose function should be assigned to the universal remote control. Keep this key pressed until either the SUCCESS or LEARN ERROR message appears.



9. The following query appears: LEARN MORE?. If you want to perform additional learn functions, confirm with OK. The LEARN KEY prompt appears again. Proceed as described in point 7.



If you want to end the learn function, press EXIT.

The remote control returns to normal operation.

Delete commands

Deleting commands for only one mode key

Open the learn mode as described in the previous section, steps 2 to 4. Proceed as follows:

- Use the arrows to select ▼ the delete mode and press OK.



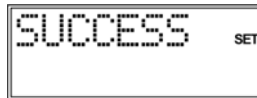
- Now select the mode key whose commands are to be deleted.



- Confirm the additional CONFIRM CLEAR prompt by pressing OK. If this message does not appear then the mode key does not have any commands associated with it.



- PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.

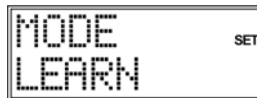


The remote control returns to normal operation.

Deleting commands for all mode keys

Open the learn mode as described in the section above, steps 2 to 4. Proceed as follows:

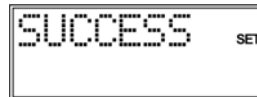
- Use the arrows ▼ (press twice) to select the ALL LEARN CLEAR mode.



- Press OK" The CONFIRM CLEAR prompt appears.



- Confirm once again with OK. PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.



The remote control returns to normal operation.

Macros

Using a macro, you can save a chain of commands, meaning that several functions can be executed consecutively. You can program three macros and store them on the number keys 1, 2 and 3.

These three number keys have the additional labels TV, VCR, DVD, so that you can assign macros accordingly.



Each macro can include up to ten key commands. A macro can include different devices. In this way you could, for example, switch on the TV set, the desired channel, the video recorder and the recording function by simply pressing the MACRO key and the selected number key 1, 2 or 3.

The S (Setup) and MACRO keys cannot be used for a macro.

If you would like to interrupt macro programming prematurely, press S (Setup). In this case, the macro is not saved.

Programming macros

1. Keep the S (Setup) key pressed for approx. 3 seconds, until CODE SETUP appears.



2. Press S briefly four more times to open the MACRO SETUP menu.

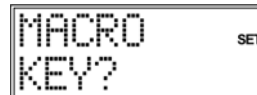


3. Press OK to open the MACRO SET mode.

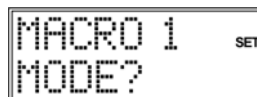


4. Confirm once again with OK.

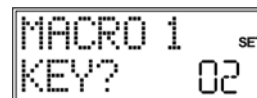
5. Now select the number key 1, 2 or 3 where the macro is to be saved.



6. The query MACRO 1 MODE? appears. (The number corresponds to the previously selected number key.) Press a mode key for the device where the command is to start.



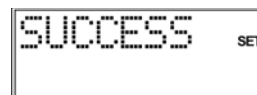
7. The input query MACRO 1 KEY? appears with the step number (02 for the second step). Now carry out the function that you would like to save as a macro. You can press up to 9 other keys and you can also change devices via the mode keys.



8. When the series of steps is finished, press the MACRO key to save the macro.

The macro is saved automatically after step 10.

9. The SUCCESS confirmation message appears.



Incorporating delays

It can be useful to incorporate a time delay before a command step in order to take the warm-up phase of the TV set into consideration, for example. The standard delay between the infrared signals is equal to half a second.

1. While entering the steps (see Point 7 above) press the PAUSE key at the point where the time delay should be incorporated. The DELAY TIME? query appears.



MACRO 1 SET
KEY? 02

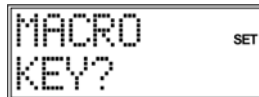
2. Press a number key corresponding to the seconds by which you would like to delay (e.g. "3" for a 3-second delay). The maximum delay is 9 seconds.



DELAY TIME? SET
3

Executing macros

1. To execute a macro, briefly press the MACRO key once in normal mode. The following message appears: MACRO KEY?.
2. Then press the number key where the macro was saved within 20 seconds (1, 2 or 3).



MACRO KEY? SET

While the macro is running, MACRO 1 (or 2 or 3) appears along with the transmission symbol.



MACRO 1

If no macro is saved under the selected numberkey, the message MACRO 1 VOID appears.



MACRO 1
VOID

Deleting macros

Perform steps 1 to 3 as described in section "Programming macros" on page 27. The MACRO SET display appears.

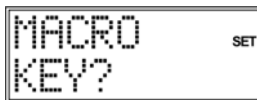
4. Use the arrows ▼ to select the MACRO CLEAR mode.



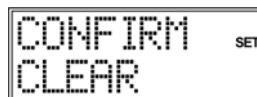
5. Press OK" The following message appears: MACRO KEY?.



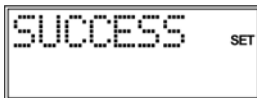
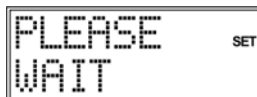
6. Press the number key where the macro is stored for the macro that you would like to delete.



7. The CONFIRM CLEAR prompt appears.



8. Confirm once again with OK. PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.



The remote control returns to normal operation.

Universal functions ("Punch Through")

The universal functions (also called "Punch Through" functions) enable you to carry out certain functions on a different device type than the programmed one. These are the volume, mute and playback functions.

Playback functions

If the remote control is in TV, SAT or cable mode (devices without playback function), the PLAY, STOP, PAUSE, FAST FORWARD/BACK, and in some cases RECORD keys will control a connected video recorder, DVD player or video recorder. The DVD or VCR mode keys do not need to be pressed in advance. The last selected device is activated.


This Punch Through control does not work if the programmed TV, SAT or cable code has its own video recorder function (for example in the case of a combined TV-video recorder device).

Volume/mute

Image transmitting devices connected to a TV (e.g. TV, DVD, VCR, SAT, CBL) often do not have their own volume control.

When the universal remote control is controlling this type of device and the VOL (Volume) or (M) (Mute) keys are pressed, the volume control is transferred to the TV.

You can modify this basic device setting (cf. both sections below).

 The volume/mute functions are referred to in the shortened form VOL/MUTE below.


Programming the VOL/MUTE universal functions to another device type

You can program the remote control so that the universal functions VOL/MUTE will control a device type other than the TV set. Of course this device must have a volume control.

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



2. Press S again briefly to open SYSTEM SETUP.



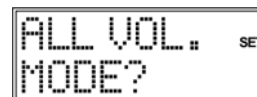
3. Press OK" The VOL/MUTE SETUP is displayed.



4. Press OK again. The following menu is displayed ALL VOL. SET. All VOL/MUTE commands are programmed on a device type that you select in the next step.



5. Press OK again. The ALL VOL. MODE? query appears



6. Use a mode key to select the device type to which the VOL/MUTE control is to be applied.
7. PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.

If you selected the wrong device that does not have its own volume control, an error message appears.

Switching off the VOL/MUTE universal function for a specific device

You can program the universal remote control in such a way that it will use only that particular device's own VOL/MUTE functions. The "Punch Through" function for this device is therefore switched off.

The universal function cannot be switched off for the TV mode. As described in the previous section, if you have selected a different mode for the VOL/MUTE universal function, you will not be able to switch off the universal function for this mode either.

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.

2. Press S again briefly to open SYSTEM SETUP.

3. Press OK" The VOL/MUTE SETUP is displayed.

4. Press OK again. The ALL VOL SET menu is displayed.

5. Use the arrows to select ▼ the MODE VOL. SET menu. Use this menu to switch off the VOL/MUTE universal function for an individual device that you can select in the next step.

6. Press OK" The MODE VOL MODE? query appears.

7. Use a mode key to select the device type which should have its own VOL/MUTE control (not: TV).

8. PLEASE WAIT appears in the display, followed by the confirmation message SUCCESS.

Restoring the VOL/MUTE universal function factory settings

If you have changed the universal **VOL/MUTE** functions as described in the previous two sections, you can reset the functions to the factory settings.

1. Keep the S (Setup) key pressed down for approx. 3 seconds, until CODE SETUP appears.



CODE SETUP SET

2. Press S again briefly to open SYSTEM SETUP.



SYSTEM SETUP SET

3. Press OK" The VOL/MUTE SETUP is displayed.



VOL/MUTE SETUP SET

4. Press OK again. The VOL/MUTE ALL menu is displayed.



VOL/MUTE ALL SET

5. Use the arrows ▼ (press twice) to select the VOL/MUTE RESET menu.



CONFIRM RESET SET

6. Press OK" The CONFIRM RESET message is displayed.

7. Confirm with OK to reset the settings.



PLEASE WAIT SET

8. PLEASE WAIT appears again in the display, followed by the confirmation message SUCCESS.



SUCCESS SET

Error recovery

The display remains dark:

- Check whether the remote control batteries have been correctly inserted and have matching +/- polarity.
- If the batteries are too weak then replace them with new ones.

The remote control does not work:

- Check whether your devices have been properly connected and are switched on.

There are several device codes listed under the brand name of my device. How do I determine the correct device code?

- To determine the correct device code for your device, try each consecutive code until most of the functions of the device function properly.

The devices only respond to a few remote control commands:

- Continue testing further codes until the devices respond to the commands accordingly.
- If none of the code programmings described are successful, it may be, in exceptional cases, that the device is not compatible with your universal remote control.

Disposal

Packaging



Your universal remote control is wrapped in packaging to protect it against transportation damage. Packaging is raw material and can be re-used or added to the recycling system.

Device



At the end of its life, the universal remote control should not be disposed of in household rubbish. Seek the advice of your local authority on correct, environmentally-friendly disposal.

Batteries



Do not dispose of used batteries in the household rubbish! They should be deposited at a collection point for used batteries.

Technical data

Batteries (included): 2 x 1.5 V Micro (LR03, AAA)

Laser class: 1