

Contents

Safety instructions	3
General information	3
Battery instructions	3
Cleaning	3
Product Description	4
Operation	4
Inserting batteries	4
Settings after battery replacement	4
Protection against unexpected battery discharging	4
The display	5
Overview	5
Default readouts in the display	5
Standard display – time	5
Date	5
Select mode or device	5
Navigating the menus	6
Cancel function	6
Setting time and date	7
Setting clock time	7
Setting the date	7
Backlight	8
RESET – factory settings	9
Programming device codes	10
Device types and code groups	10
Assignment to code groups	11
Programming options	11
Opens programming mode	11
Select device code in the display	11
Entering the device code according to the code list	12
Manual code search	13
Code searching by brand name	14
Code identification	15
Normal operation	16
Operating individual devices	16
SHIFT function	16
Recordings	16
EPG – Electronic Programme Guide	17
Operating combined devices	17
Combined devices with two device codes	17
Combined devices with one device code	17
ALL OFF function	18
Set timer	19

TV sleep-timer	19
Set sleep-timer	19
Switch off sleep-timer	19
Command timer	20
Program the command timer	20
Delete command timer.....	21
Learn function	22
Notes on learn function	22
Program commands.....	23
Delete commands.....	24
Deleting commands for only one mode key	24
Deleting commands for all mode keys	24
Macros	25
Programming macros.....	25
Incorporating delays	26
Executing macros.....	26
Deleting macros	26
Universal functions ("Punch Through")	27
Playback functions.....	27
Volume/mute	27
Programming the VOL/MUTE universal functions to another device type	28
Switching off the VOL/MUTE universal function for a specific device	29
Restoring the VOL/MUTE universal function factory settings	30
Error recovery	31
Disposal	32
Packaging	32
Device.....	32
Batteries.....	32
Technical data	32



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

2

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 10.

Operation

3

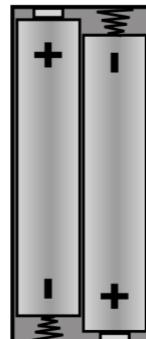
Inserting batteries

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 7 for more information on setting the time and date.



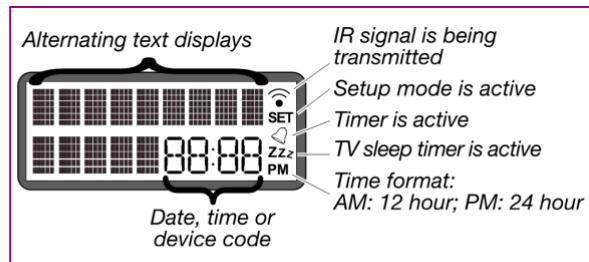
After new batteries have been inserted, the mode, time, date and backlight time are reset to the factory settings.

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.

Overview



Default readouts in the display

Standard display – time

In the standard display

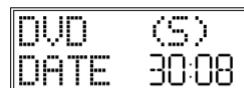
- the active mode appears in the first column (device type).
- the day of the week and time appears in the second column.



Date

Press the **Setup** key briefly to show:

- the symbol for the activated SHIFT function¹ **(S)** in the first column;
- the date in the second column.

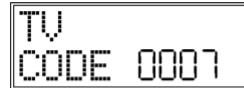


Please read "Setting time and date" on page 7 for more information on setting the time and date.

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 10 for more information on programming the device code.

¹Most keys can be assigned two functions (cf. Page 16). You can access the second function by first activating the SHIFT function.

Navigating the menus

5

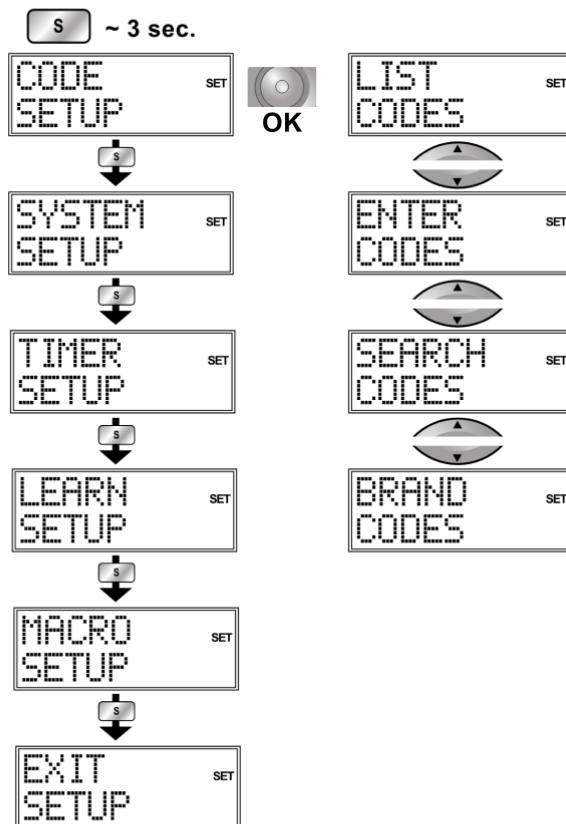
To open the Setup menu, press and hold the **Setup** key until **CODE SETUP** appears along with the "SET" symbol in the display.

If the display shows **CODE SETUP** continue to press the **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.

TIMEOUT

Setting time and date

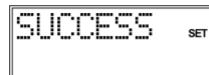
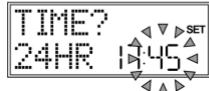
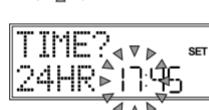
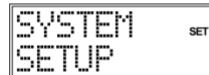
6

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

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

Setting clock time

1. Keep the **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** again briefly to open the **SYSTEM SETUP**.
3. Confirm with **OK**. The **VOL/MUTE SETUP**² 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.

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**.



²The **VOL/MUTE SETUP** is explained on page 27, *Universal Functions ("Punch Through")*

- The day ("DATE") flashes. Use the arrows to select the day and confirm by pressing **OK**.
- The day ("DAY") flashes. Use the arrows to select the day of the week and confirm by pressing **OK**.
- The message **SUCCESS** appears and the display returns to **CODE SETUP**.



Backlight

7

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.

- Keep the **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
- Press **Setup** again briefly to open **SYSTEM SETUP**.
- Confirm with **OK**. The **VOL/MUTE SETUP** is displayed.
- Use the arrows (press three times) to select the **BACKLIGHT SETUP** and confirm with **OK**.
- 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**.
- The confirmation message **SUCCESS** appears and the display returns to **CODE SETUP**.



RESET – factory settings

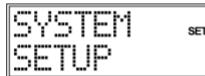
8

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 **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.



2. Press **Setup** again briefly to open **SYSTEM SETUP**.



3. Confirm with **OK**. The **VOL/MUTE SETUP** is displayed.



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



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



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

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 17).

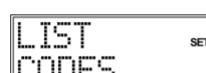
Opens programming mode

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



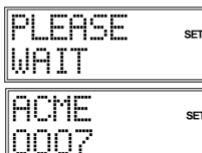
Select device code in the display

1. Switch on the device to be controlled.
2. Keep the **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.)



i Please refer to the list and table above.

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.

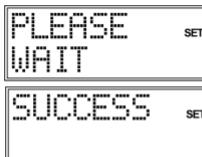


9. Use the arrows to select a device code **◀ ▶** for this brand name.

10. Now try the universal remote control with your device. To do this, (depending on the device type) use the following keys **POWER** **POWER**, **0 – 9**, **VOL**, **PROG**, **AV**, **Mute** **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 **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.

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.

Example:

DVD SET
CODE 0356

SUCCESS SET

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

CODE SET
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 **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 twice) to select the **SEARCH 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 above.

8. Press **OK**. The **SEARCH KEY** display appears.

SEARCH SET
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. 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.

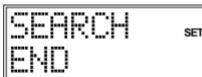
10. When the device responds accordingly each time a key is pressed, press **OK** to save the code. The **SUCCESS** confirmation message appears.

The remote control returns to normal operation.

SEARCHING SET
DVD

SUCCESS SET

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 **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.)

i Please refer to the list and table above.

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.

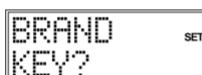
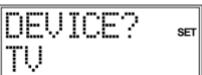
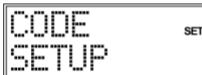
10. Press **OK**. The **SEARCH KEY?** display appears.

11. Perform the function test now by pressing the **PROG+**, **POWER** 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.

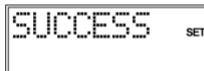
While the search is running, the word **SEARCHING** (along with the selected device type) is displayed.

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:



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 27 – you do not need to press the mode key in advance.]

Example:

DVD
CODE 0356 SET

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.

DVD
CODE 0356 ⓧ

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 8).

i 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 22).

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 **Setup** key and then (within 15-20 seconds) press one of the secondary function or number keys.

i 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 **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 22) 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 **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 **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.

The universal remote control has two timer functions:

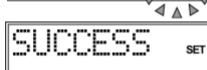
- a sleep-timer for the TV (automatic switch off after 1 to 90 minutes); "Zzz" appears in the display;
- four additional times for customisable commands (e.g. switching to another programme); the bell symbol appears in the display.



TV sleep-timer

Set sleep-timer

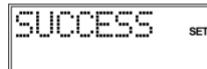
1. Keep the **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** briefly twice more to open **TIMER SETUP**.
3. Press **OK**" The **TV SLEEP SETUP** menu is displayed.
4. Press **OK**" The **TV SLEEP SET** display appears.
5. Press **OK**" The number of minutes 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 **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** briefly twice more to open **TIMER SETUP**.
3. Press **OK**" The **SLEEPSMERTV** menu is displayed.
4. Use the arrows to select ▼ the **TIMER / SETUP** menu³.
5. Press **OK**" The **TIMER / 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 / 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.
10. Press **OK**. You are prompted to make the first entry **TIMER / 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**.



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

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

TIMER 1
KEY2?

TIMER 1
KEY3?

SUCCESS

Delete command timer

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

1. Perform steps 1 to 5 as described above. The **TIMER / CLEAR** display appears.
2. Press **OK**" The message **CONFIRM CLEAR** is displayed.
3. Press **OK**" The **SUCCESS** confirmation message appears.

TIMER 1
CLEAR

CONFIRM
CLEAR

SUCCESS

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

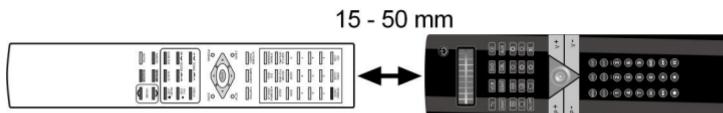
- Use new batteries for both remote controls.
- If you start programming from the start
 - especially after the first operation – delete all saved commands first of all (see “Deleting commands for all mode keys” on page 24).
- Only one original remote control can be programmed on each mode key.
- If 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 24).
- 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: **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 24).

 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 **Setup** key pressed for approx. 3 seconds until **CODE SETUP** appears.
3. Press **Setup** 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: **Setup** 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.

**CODE
SETUP** SET

**LEARN
SETUP** SET

**MODE
LEARN** SET

**MODE
KEY** SET

**LEARN
KEY?** SET

LEARNING SET

SUCCESS SET

**LEARN
ERROR** SET

**LEARN
MORE?** SET

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:

5. Use the arrows to select ▼ the delete mode and press OK.
6. Now select the mode key whose commands are to be deleted.
7. 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.
8. **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:

5. Use the arrows ▼ (press twice) to select the **ALL LEARN CLEAR** mode.
6. Press OK" The **CONFIRM CLEAR** prompt appears.
7. 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.



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 Setup and **MACRO** keys cannot be used for a macro.

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

Programming macros

1. Keep the **Setup** key pressed for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** 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 / 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 / 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.

CODE
SETUP

SET

MACRO
SETUP

SET

MACRO
SET

SET

MACRO
KEY?

SET

MACRO 1
MODE?

SET

MACRO 1
KEY? 02

SET

SUCCESS

SET

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.
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.

MACRO 1
KEY? 02
SET

DELAY
TIME? 3
SET

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.

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

MACRO 1
SET

MACRO 1
VOID
SET

Deleting macros

Perform steps 1 to 3 as described in section "Programming macros on page 25. 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.

MACRO
SET

MACRO
CLEAR
SET

MACRO
KEY?
SET

7. The **CONFIRM CLEAR** prompt appears.

CONFIRM
CLEAR
SET

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.

PLEASE
WAIT
SET

SUCCESS
SET

Universal functions (“Punch Through”) 14

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 () (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 **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** 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.

CODE
SETUP

SYSTEM
SETUP

VOL/MUTE
SETUP

ALL VOL.
SET

ALL VOL.
MODE?

PLEASE
WAIT

SUCCESS

VOLUME
ERROR

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 **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** 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**.

CODE
SETUP

SET

SYSTEM
SETUP

SET

VOL/MUTE
SETUP

SET

MODE VOL.
SET

SET

MODE VOL.
SET

SET

PLEASE
WAIT

SET

SUCCESS

SET

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 **Setup** key pressed down for approx. 3 seconds, until **CODE SETUP** appears.
2. Press **Setup** again briefly to open **SYSTEM SETUP**.
3. Press **OK**" The **VOL/MUTE SETUP** is displayed.
4. Press **OK** again. The **VOL/MUTE ALL** menu is displayed.
5. Use the arrows ▼ (press twice) to select the **VOL/MUTE RESET** menu.
6. Press **OK**" The **CONFIRM RESET** message is displayed.
7. Confirm with **OK** to reset the settings.
8. **PLEASE WAIT** appears again in the display, followed by the confirmation message **SUCCESS**.

**CODE
SETUP** SET

**SYSTEM
SETUP** SET

**VOL/MUTE
SETUP** SET

**VOL/MUTE
RESET** SET

**CONFIRM
RESET** SET

**PLEASE
WAIT** SET

SUCCESS SET

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.

Packaging



Your universal remote control is wrapped in packaging to protect it against transportation damage. Packaging is raw material and can be reused 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

