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Safety Instructions



Before using the remote control, please read these operating instructions carefully. Please keep the instruction manual for consultation purposes or for possibly handing it over to third parties.

Do not try to repair the remote control yourself.

The universal remote control is equipped with a class 1M infrared diode.

Do not look at the laser using optical instruments!

Do not expose your remote control to dust, intense sunlight, humidity, high temperatures or mechanical shocks.

Old and new batteries must never be combined.

Do not use any corrosive or aggressive cleansing agents.

Scope of application

This universal remote control is designed to control 8 devices such as:

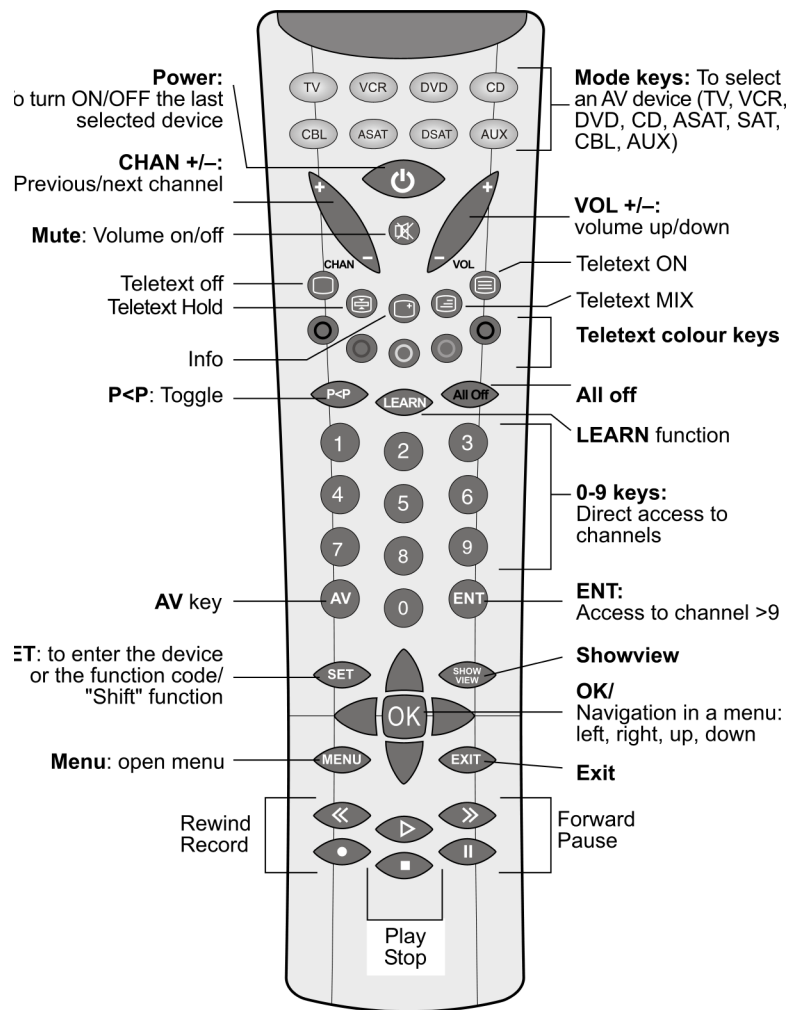
TV	TV with teletext
VCR	Video recorder
DVD	DVD player
CD	CD player
ASAT	Analogous satellite receiver
DSAT	Digital satellite receiver
CBL	Pay TV decoder
AUX	for additional devices (TV, VCR, SAT, CD, DVD,...)



Please note:

The designations on the MODE keys like "TV", "VCR" etc. have the only purpose to facilitate their identification. You can of course assign other types of device to these keys.

Overview



Inserting the batteries

Insert 2 LR03/AAA or R03/AAA batteries; we recommend you to use of alkaline batteries.

1. Open the cover on the back of the remote control.
2. Check the +/- polarity on the batteries and inside the compartment.
3. Insert the batteries.
4. Close the cover.



When exchanging the batteries, it may be necessary to reprogram the unit. Hence it is advisable to record the codes needed for your devices.



Used batteries do not qualify as household waste. The batteries must be disposed of at a special collection point for used batteries.

Programming the device codes

The codes of the respective devices can be found in the code list attached to these operating instructions. Proceed as follows:

1. Switch on manually the device you wish to control (TV, VCR etc ...).
2. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
3. Release the SET key.
4. Briefly press the desired mode key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX).
5. Enter the 3-digit code from the code table; the LED turns off each time you press a key.
6. If you entered is code correctly, the LED turns off after the last digit has been entered. If an invalid code is entered, the LED will flash for three seconds before going out.
7. The code entry is finished.



Should the device not respond as you expect it to do, you can try to repeat the programming using another code. Please try all the codes indicated for your brand. Select the code that makes your device respond correctly to any command available on your remote control!

If you failed this way, then have another try with the search method described in the chapter "Automatic code search".

Code search (manual search)

To run a manual code search, proceed as follows:

1. Switch on manually the device you wish to control (TV, VCR etc ...).
2. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
3. Release the SET key.
4. Briefly press the desired mode key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX).
5. Press several times in succession (up to 350 times) the "POWER" or "PROG" (channel upwards) or "PLAY" (only for a VCR) key until the device to be controlled has been switched off or responds.
6. Briefly press the OK key for storing the code.

In view of the extensive number of different code numbers, up to 350 different codes have already been pre-programmed per device type. It is possible that only the most common main functions will be available in individual cases. In case of some special device models, the procedure described may fail to be successful. – The Code search starts with the 3-digit number stored at the moment.

Code search (automatic search)

An automatic search allows you to find even codes of brands that are not stated in the code list. Proceed as follows:

1. Switch on manually the device you wish to control (TV, VCR etc ...).
 2. KKeep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
 3. Release the SET key.
 4. Briefly press the desired mode key TV, VCR, DVD, CD, SAT, AUX.
 5. Point the remote control at the device you wish to control and press the CHAN+ key once briefly. If the device does not possess a channel function, then press the PLAY or POWER key instead of CHAN+.
- The remote control starts the search and sends a code every second. Each time a code is sent, the LED will light up.

6. As soon as the device does respond to the remote control, press OK.
7. Should you fail to press the OK key in time, you can step by step return to the code to which the device has responded using the CHAN- key.

If you want the remote control only to send a new code every 3 seconds instead of every second, proceed as follows:

Press and release CHAN+ (or PLAY or POWER) twice (see step 5). This will give you more time, but the procedure will also take longer.

Code search by brand

This function provides you with the possibility of searching by brands. You will find the brands in the code table under "Search code under brand name".

Proceed as follows:

1. Switch on manually the device you wish to control (TV, VCR etc ...).
2. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
3. Release the SET key.
4. Briefly press the desired MODE key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX).
5. Enter the applicable one-digit code from brand code table „Search code under brand name“.
If you enter the digit „0“, all brands will be searched.
6. Press the CHAN+ key (or, in case of video cassette recorders, POWER or PLAY) until the device responds correctly. Proceed swiftly when doing this, otherwise the automatic code search will be started.
7. Store the code by pressing the "OK" key.

If all codes have been searched, the LED will blink for about 3 seconds.

Code identification

The code identification allows you to identify codes that you have already entered and that are memorised in the remote control. Proceed as follows:

1. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
2. Release the SET key.
3. Briefly press the desired mode key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX). The LED blinks.
4. Briefly press the SET key. The LED blinks again.
5. To find the first digit, press each number key from 0 to 9 until the LED turns off. The number you pressed is the first digit of the code. To determine the second and the third number, repeat the procedure.
6. The LED will go out as soon as the key for the third number has been pressed.
7. The code identification has now been completed.

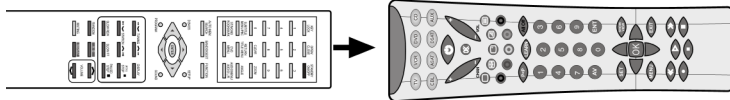
Learning function

The universal remote control provides you with the possibility of manually storing certain special functions which have not been stored, or even devices which have not been included in the code list. To do this, the original remote control of your device is required in any case. However, please note the following tips beforehand in order to avoid any mistakes.

- Use new batteries for both remote controls.
- You can assign one remote control to each of the MODE keys.

- Place the remote controls with the infrared diodes on a table so that they point each other at a distance between 15 and 50 mm.

15 - 50 mm



- You can store up to 150 commands. When the memory is full, the backlight illumination of the MODE key will blink for 3 seconds.
- Each programming of a key can take approx. 3 seconds.
- Always check that the key you wish to teach a code is free or does not correspond to an important function.
- The following keys cannot be programmed with functions: LEARN, SET, ALL OFF, P<P, SHOWVIEW and all MODE keys.
- First have a try by programming any desired code and testing it then. Thereafter, delete all codes and proceed with the proper programming.



Do not use the learn function beneath an energy saving lamp.

Programming functions

- Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
- Release the SET key.
- Briefly press the desired mode key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX). The LED blinks.
- Press the LEARN key.
- Now press the key on the universal remote control which will learn the function (the LED will permanently light up).
- Press the key of your original remote control until the LED of the universal remote blinks once (each false programming will be indicated by blinking of the LED).
- Repeat steps 5 to 6 until all desired functions are stored.
- Press the SET key to end the programming.

Deleting commands under one mode key

To delete all codes referring to a device selection key, proceed as follows:

- Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
- Release the SET key.
- Briefly press the desired mode key (TV, VCR, DVD, SAT, DSAT, CD, CBL, AUX). The LED blinks.
- Press and release the LEARN key twice.
- Press the SET key.

All learned commands entries under that mode are now cleared.

Deleting all commands under all modes

- Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
- Release the SET key.
- Press and release the LEARN key twice.
- Press the SET key.

All learned command entries are now cleared.

ALL OFF function

You can switch off all pre-programmed devices simultaneously. Proceed as follows:

1. Briefly press the ALL OFF key. The selected device will be switched off and the corresponding MODE key will light up.
2. Press the ALL OFF key immediately once again and keep it pressed for approx. 3 seconds. Now, all pre-programmed devices are switched off one after another. This will take about 3 seconds. Then, the MODE key illumination will go out. The remote control has to be pointed at the devices to be operated until the MODE key goes out.

Some devices can be switched on and off by means of the POWER key. These devices will be switched ON with the ALL OFF function if they were turned OFF.

Toggle function

You can zap between 2 channels by pressing the P<P key. Proceed as follows:

1. Switch on manually the device you wish to control (TV, VCR, ...)
2. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
3. Release the SET key.
4. Press P<P and the mode key of the device you wish to control.
5. Enter the first channel number (3 digits as maximum).
6. Press again P<P and the mode key of the device you wish to control.
7. Enter the second channel number (3 digits as maximum).
8. Press P<P to end the setting.

Certain TV sets have also a toggle function (depending on the manufacturer, it can zap from the present and the previous channel). This function can be activated by pressing the A/V or -/-- keys on your remote control.

Autozapping

In case of TV operation, you will successively go through all stored channels by once pressing the SHOWVIEW key (the remote control has to be pointed permanently at the device). Press the CHAN- key once to finish the function.

Normal operation

After having programmed your remote control for your audio/video devices, your remote control will in respect of the most common main functions work like the original remote control of the respective device.

Point your remote control at the respective device and press the appropriate MODE key. All functions will now be activated by pressing the respective function key of your remote control.

For each transmitted IR signal, the LED lights up.

Universal functions

The universal functions allow you to perform certain functions on another type of device than the selected one.

Example: The last selected appliance is a VCR, but you would like to control the volume of your TV.

Proceed as follows:

1. Press the TV mode.
2. Keep the SET key pressed for approx. 3 seconds until the LED indicator lights continuously.
3. Release the SET key.
4. Keep the MUTE key pressed for approx. 8 seconds until the MODE key flashes a second time.

SHIFT function

Some keys of the universal remote control can be allocated twice. To use these functions, briefly press the "SET" key (MODE key lights up) and then the key controlling this second function.

Troubleshooting

The remote control does not work

- Check whether your devices are correctly connected and switched on.
- Check whether the batteries of the remote control are correctly inserted and whether the polarity + / - matches with the marks.
- If the batteries are too low, replace them by new ones.

Several device codes are listed under the brand of my device. How can I determine the right device code?

- To determine the right device code for your device, try the codes successively until most of the functions of the device are working properly.

The devices only respond to a few instructions of the remote control.

- Test further codes until the devices respond appropriately to the commands.
- If in some exceptional cases neither a manual code entry nor the automatic code search are successful, your device may be incompatible with your universal remote control.