

Remote Commander

Operating Instructions
Mode d'emploi (verso)

RM-VZ220T

©2010 Sony Corporation Printed in China

English



Disposal of Old Electrical & Electronic Equipment (Applicable in the European Union and other European countries with separate collection systems)
This symbol on the product or on its packaging indicates that this product shall not be treated as household waste. Instead it shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. The recycling of materials will help to conserve natural resources. For more detailed information about recycling of this product, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.



Disposal of waste batteries (applicable in the European Union and other European countries with separate collection systems)
This symbol on the battery or on the packaging indicates that the battery provided with this product shall not be treated as household waste. On certain batteries this symbol might be used in combination with a chemical symbol. The chemical symbols for mercury (Hg) or lead (Pb) are added if the battery contains more than 0.0005% mercury or 0.004% lead. By ensuring these batteries are disposed of correctly, you will help prevent potentially negative consequences for the environment and human health which could otherwise be caused by inappropriate waste handling of the battery. The recycling of the materials will help to conserve natural resources.

In case of products that for safety, performance or data integrity reasons require a permanent connection with an incorporated battery, this battery should be replaced by qualified service staff only. To ensure that the battery will be treated properly, hand over the product at end-of-life to the applicable collection point for the recycling of electrical and electronic equipment.

For all other batteries, please view the section on how to remove the battery from the product safely. Hand the battery over to the applicable collection point for the recycling of waste batteries.

For more detailed information about recycling of this product or battery, please contact your local Civic Office, your household waste disposal service or the shop where you purchased the product.

Notice for customers: the following information is only applicable to equipment sold in countries applying EU directives
The manufacturer of this product is Sony Corporation, 1-7-1 Konan Minato-ku Tokyo, 108-0075 Japan. The Authorized Representative for EMC and product safety is Sony Deutschland GmbH, Hedelfinger Strasse 61, 70327 Stuttgart, Germany. For any service or guarantee matters please refer to the addresses given in separate service or guarantee documents.

Setting Up the RM-VZ220T

The RM-VZ220T is preset at the factory to operate Sony brand video devices set to any of the Device Select buttons (see the table below). To use with non-Sony devices, or Sony devices that are not preset at the factory, set the manufacturer's code for each device.

Devices	Button	Factory setting*
TV	TV	Sony TV (02473)
TV, Cable set top box, Satellite receiver, DVB-T** receiver, IPTV, DVD player, DVD recorder, Blu-ray Disc player, HD-DVD player, VCR, DVD Home Theatre	SAT (CBL)	Satellite receiver (non-Sony) (41175)
	VCR	Sony VCR (60032)
	DVD	Sony DVD player (11033)

* The five-digit code is the preset manufacturer's code.
**DVB-T (Digital Video Broadcasting - Terrestrial)

Note
Only a TV can be assigned to the TV Device Select button. You can assign any device to the other Device Select buttons.

Installing the batteries

Slide open the battery compartment and insert two R6 (size AA) dry batteries (not supplied). Insert the batteries (negative end first) through the guide clamp within each compartment as shown below.



Battery life
Under normal conditions, LR6 (size AA) alkaline batteries will last up to one year. If the RM-VZ220T does not operate properly, the batteries might be drained. Replace both batteries with new ones.

- Notes**
- Replace the batteries within 2 minutes after removing them, and do not press any button when replacing the batteries. Otherwise, your code settings may be cleared.
 - Do not use an old battery with a new one, or mix different types of batteries together.
 - If the electrolyte inside the battery should leak, wipe the contaminated area of the battery compartment with a cloth and replace the old batteries with new ones. To prevent electrolyte from leaking, remove the batteries when you plan not to use the RM-VZ220T for a long period of time.

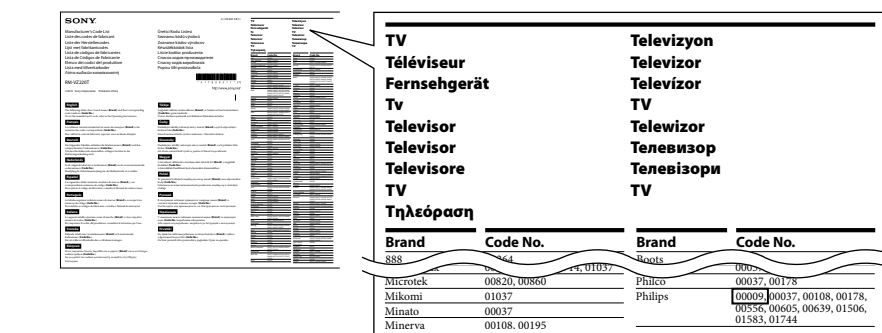
Startup Guide

This guide shows you how to set up and use the RM-VZ220T to operate your devices. If your Sony device has already been preset, see "Operate the device."

Set the manufacturer's code

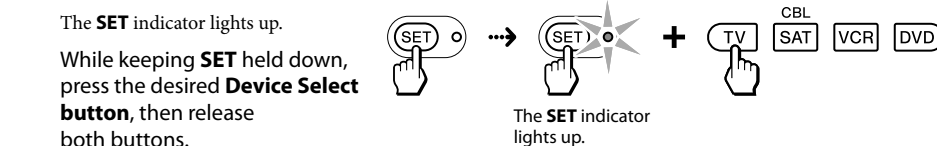
Example: To set up a Philips TV

1 Find the manufacturer's code in the supplied "Manufacturer's Code List."

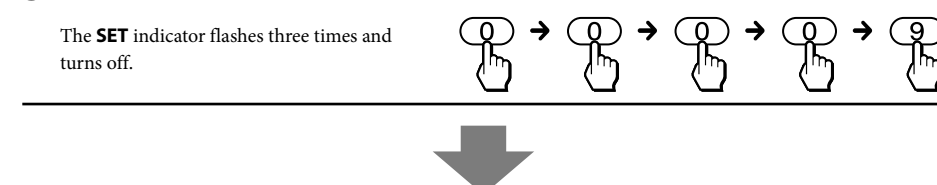


If your device is not listed, try the Search function (see "Searching for the correct code").

2 Press and hold SET for more than 3 seconds.

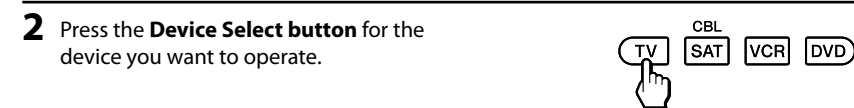


3 Enter the manufacturer's code (00009).



Operate the device

1 Aim the RM-VZ220T directly at the device.



3 Press (power) to turn on the device.



4 Press buttons on the RM-VZ220T to check that they function.

See "Remote Button Descriptions" for the functions of buttons for each device.

If the RM-VZ220T does not seem to be working...

- Check that you have set the correct manufacturer's code.
- Try repeating the setup procedure using another manufacturer's code (if listed for your device). If you still cannot operate the RM-VZ220T after trying all the listed codes, try the Search function (see "Searching for the correct code").

Searching for the correct code

You can set the manufacturer's code using the Search function.

- Power on the device with its power switch.
- Aim the RM-VZ220T at the device you want to set.
- Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press the desired Device Select button, then release both buttons.
- Enter 9 - 2 - 2 using the number buttons. The SET indicator flashes three times.

5 Press and hold (left arrow) to start searching. When the device turns off, release the button. If you overshoot the required code, you can search for the next or previous code using the (right arrow) or (left arrow) button.

6 Press (center). The SET indicator flashes three times and turns off.

7 Check if the code number works correctly (see "Remote Button Descriptions"). If you still cannot operate the device, repeat steps to search for another code that works for most functions of your device.

Checking the manufacturer's code you have set

- Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press the desired Device Select button, then release both buttons.
- Enter 9 - 3 - 3 using the number buttons. The SET indicator flashes three times.
- Press (right arrow).
- When the SET indicator starts flashing, count the number of flashes. Short flash(es) indicate which digit (first, second, etc.), followed by long flash(es) to indicate the digit number (i.e., 2 long flashes represent the number 2). "0" is indicated by rapid flashing. Determine the 5-digit code number this way. To recheck, press (right arrow).
- Press SET to finish.

Clearing the automatic power-on control (Sony devices only)

The Device Select buttons are preset to automatically turn on a device when pressed. To cancel the function:

- Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press (center), then release both buttons.
- Enter 9 - 7 - 7 using the number buttons. The SET indicator flashes three times.
- Press the desired Device Select button. The SET indicator flashes three times and turns off.

To set the function again, perform the same procedure above.

Restoring the factory settings

You can clear all the settings and reset the RM-VZ220T to its factory settings.

- Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press (center), then release both buttons.
- Enter 9 - 0 - 0 using the number buttons. The SET indicator flashes three times. To cancel, press any button except (center).
- Press (center). The SET indicator flashes three times and turns off.

Notes on using the RM-VZ220T

- The RM-VZ220T will not perform functions that the device is not designed for. For example, if your TV does not have the muting function, the (mute) button on the RM-VZ220T will not function with your TV.
- The function of the buttons varies depending on settings/operating modes. The table of "Remote Button Descriptions" shows how the RM-VZ220T generally operates for each device in the preset mode.
- If your cable set top box can control volume, be sure to set its volume to a moderate level. If the volume on the cable set top box is turned down completely, you will not be able to adjust your TV's volume with the RM-VZ220T.

Specifications

Operating distance Approx. 11 m (varies depending on devices of different manufacturers)
Power requirements Two R6 (size AA) dry batteries (not supplied)
Battery life Approx. 1 year when using LR6 (size AA) alkaline batteries (varies depending on frequency of button use - up to approx. 300 times per day.)
Dimensions Approx. 53 x 213 x 27 mm (w/h/d)
Mass Approx. 136 g (including batteries)

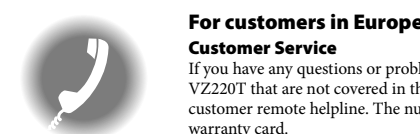
Design and specifications are subject to change without notice.

The validity of the CE marking is restricted to only those countries where it is legally enforced, mainly in the countries EEA (European Economic Area).

Troubleshooting

If you have problems setting up or using the RM-VZ220T:

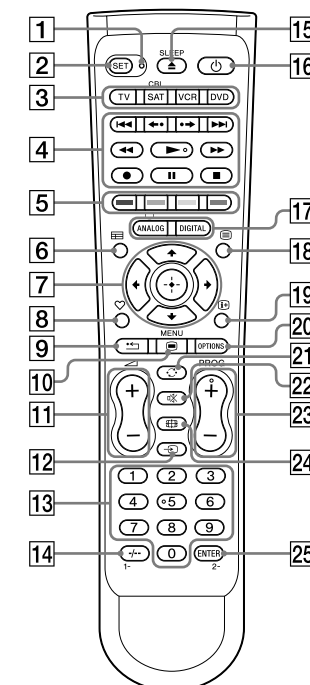
- Carefully perform the setup procedure of "Startup Guide." If the RM-VZ220T does not work, try repeating the setup procedure using another manufacturer's code (if listed for your device). If you still cannot operate the RM-VZ220T, try the Search function (see "Searching for the correct code").
- Aim the RM-VZ220T directly at the device.
- Remove any obstacles in the path between the RM-VZ220T and the device.
- Make sure you have pressed the correct Device Select button.
- Check that the device has infrared remote capability. For example, if your device did not come with a remote control, it probably is not capable of being controlled by the RM-VZ220T.
- The batteries are weak, or not inserted correctly. Replace them with new ones or insert them correctly.



For customers in Europe Customer Service

If you have any questions or problems concerning the RM-VZ220T that are not covered in this manual, please call the customer remote helpline. The number is mentioned in the warranty card.

Remote Button Descriptions



- General**
1 [2] SET: Press to set up the RM-VZ220T. The indicator lights or flashes while setting.
3 [Device Select buttons]: Press to select the device to operate.
6 [EPG]: Displays the programme guide (EPG).
7 [Fast Forward/Play/Pause/Stop]: Moves the cursor to select a menu item/enters the selected item.
9 [Left Arrow/Right Arrow]: Returns to the previous display/exits the menu.
11 [Volume Up/Volume Down]: Turns the volume up/down.
16 [On/Off]: Turns the selected device on and off.
22 [Mute]: Mutes the volume. Press again to turn muting off.

The number 5, PROG+, and (right arrow) buttons each have a tactile dot for ease of use. The (center) and (left arrow) buttons do not work for a VCR.

Note on the (left arrow) and (right arrow) buttons

When a TV or other video device is selected, the TV's volume is controlled. When a DVD Home Theatre is selected, its volume can be controlled.

TV

- [1] VIDEO 1 input
[2] VIDEO 2 input
[3] HDMI input
[4] RGB input
[5] (PIP INPUT) Changes the input mode of the "window" picture.
[6] (PIP) Turns the "window" picture on and off.
[7] (PIP MOVE) Moves the location of the "window" picture.
[8] (PIP STILL) Freezes the "window" picture.
[9] (PIP SWAP) Switches between "main" and "window" picture.
5 [Red/Green/Yellow/Blue]: Fastext buttons*
8 [Favourite]: Enables the Favourite function.
10 [MENU]: Calls up the menu display.
12 [Input]: Changes the input mode.
- [13] [25] 1 - 9, 0, ENTER: Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
14 [-]: (+10) Selects numbers 10 and above.
15 SLEEP: Enables the Sleep function (when available).
17 ANALOG: (TV ON) switches from Teletext to TV.
18 DIGITAL: Displays digital channels.
19 [Display]: Switches to Teletext.
20 [Options]: Displays the options menu.
21 [Channel]: Selects the channel previously selected.
23 [PROG +/-]: Switches the channel up/down.
24 [Format]: Changes the screen format.

* You can access a Fastext page with one button press. When a Fastext page is broadcast, a colour-coded menu will appear at the bottom of the screen. The colours of this menu correspond to the red, green, yellow, and blue buttons on the RM-VZ220T. Press the button which corresponds to the colour-coded menu. The page will be displayed after a few seconds.

Satellite receiver/DVB-T receiver

- [4] [Left Arrow]: Proceeds to the previous chapter/track.
[5] [Right Arrow]: Briefly replays the scene (Flash -).
[6] [Fast Forward]: Briefly fast forwards the scene (Flash +).
[7] [Next Chapter]: Proceeds to the next location.
[8] [Fast Reverse]: Fast reverses.
[9] [Play]: Plays.
[10] [Fast Forward]: Fast forwards.
[11] [Records]: Records.
[12] [Pauses]: Pauses.
[13] [Stops]: Stops.
5 [Red/Green/Yellow/Blue]: Fastext buttons*
8 [Favourite]: Enables the Favourite function.
10 [MENU]: Calls up the menu display.
12 [TV/SAT]: Switches the output between SAT and TV.
- [13] [25] 1 - 9, 0, ENTER: Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
14 [-]: (+10) Selects numbers 10 and above.
15 SLEEP: Enables the Sleep function (when available).
17 ANALOG: Page down
DIGITAL: Page up
18 [Title]: Displays the title of recorded programme.
19 [Display]: Displays programme information.
20 [Options]: Displays the Satellite dish menu/Station Index.
21 [Channel]: Tunes to the last tuned station.
23 [PROG +/-]: Switches the channel up/down.

Cable set top box/IPTV

- [4] [Left Arrow]: Proceeds to the previous location.
[5] [Right Arrow]: Briefly replays the scene (Flash -).
[6] [Fast Forward]: Briefly fast forwards the scene (Flash +).
[7] [Next Chapter]: Proceeds to the next location.
[8] [Fast Reverse]: Fast reverses.
[9] [Play]: Plays.
[10] [Fast Forward]: Fast forwards.
[11] [Records]: Records.
[12] [Pauses]: Pauses.
[13] [Stops]: Stops.
5 [Red] A button
[Green] B button
[Yellow] C button
[Blue] (Live TV) Displays Master Guide.
8 [Favourite]: Enables the Favourite function.
10 [MENU]: Calls up the menu display.
- [12] [Input]: Changes the input mode.
13 [25] 1 - 9, 0, ENTER: Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
14 [-]: (+10) Selects numbers 10 and above.
15 SLEEP: Enables the Sleep function (when available).
17 ANALOG: Page down
DIGITAL: Page up
18 [Title]: Displays the title of recorded programme.
19 [Display]: Displays programme information.
20 [Options]: Displays the options menu.
21 [Channel]: Switches between the current and previous channel.
23 [PROG +/-]: Switches the channel up/down.

VCR

- [4] [Left Arrow]: Rewinds.
[5] [Right Arrow]: Plays.
[6] [Fast Forward]: Fast forwards.
[7] [Records]: Records.
[8] [Pauses]: Pauses.
[9] [Stops]: Stops.
12 [Input]: Changes the input mode.
13 [1 - 9, 0]: Number buttons
15 [Eject]: Ejects a tape.
- [19] [Display]: Displays the playback information.
20 [Options]: (ANT/SW) Switches the antenna output.
21 [Channel]: (DRIVE SELECT) Selects the deck.
23 [PROG +/-]: Switches the channel up/down.
24 [Format]: Changes the screen format.
25 [ENTER]: Enters the selected item.

DVD player/recorder

- [4] [Left Arrow]: Skips to the previous chapter/track.
[5] [Right Arrow]: Briefly replays the scene (Flash -).
[6] [Fast Forward]: Briefly fast forwards the scene (Flash +).
[7] [Next Chapter]: Skips to the next chapter/track.
[8] [Fast Reverse]: Fast reverses.
[9] [Play]: Plays.
[10] [Fast Forward]: Fast forwards.
[11] [Records (for DVD recorder)]: Records.
[12] [Pauses]: Pauses.
[13] [Stops]: Stops.
5 [Red] (SET UP) Calls up the system/setup menu.
[Green] (SUBTITLE) Switches the subtitle.
[Yellow] (AUDIO) Changes the sound.
[Blue] (CLEAR) Clears the setting.
8 [TOP MENU] Displays the Top Menu.
- [10] [MENU]: Displays the DVD menu.
[12] [Input]: Changes the input mode.
13 [1 - 9, 0]: Number buttons
14 [-]: (+10) Selects numbers 10 and above.
15 [Disc Tray]: Opens/closes the disc tray.
17 ANALOG: (HDD) Selects the internal HDD (hard disk drive).
DIGITAL: (DVD) Selects the DVD drive.
18 [Title List]: Displays the Title List.
19 [Display]: Displays the playback information.
20 [Options]: Displays the options menu.
21 [Channel]: (DRIVE SELECT) Switches between HDD and DVD.
23 [PROG +/-]: Switches the channel up/down (for DVD recorder).
24 [Format]: Changes the screen format.
25 [ENTER]: Enters the selected item.

Blu-ray Disc/HD-DVD player

- [4] [Left Arrow]: Skips to the previous chapter/track.
[5] [Right Arrow]: Briefly replays the scene (Flash -).
[6] [Fast Forward]: Briefly fast forwards the scene (Flash +).
[7] [Next Chapter]: Skips to the next chapter/track.
[8] [Fast Reverse]: Fast reverses.
[9] [Play]: Plays.
[10] [Fast Forward]: Fast forwards.
[11] [Records (for BD recorder)]: Records.
[12] [Pauses]: Pauses.
[13] [Stops]: Stops.
5 [Red] (SET UP) Calls up the system/setup menu.
[Green] (SUBTITLE) Switches the subtitle.
[Yellow] (AUDIO) Changes the sound.
[Blue] (CLEAR) Clears the setting.
- [8] [TOP MENU] Displays the Top Menu.
10 [MENU]: Displays the Pop-up Menu/Disc Menu.
12 [Input]: Changes the input mode.
13 [1 - 9, 0]: Number buttons
14 [-]: (+10) Selects numbers 10 and above.
15 [Disc Tray]: Opens/closes the disc tray.
17 ANALOG: (HDD) Selects the internal HDD (hard disk drive).
DIGITAL: (BD) Selects the BD drive.
19 [Display]: Displays the playback information.
20 [Options]: Displays the options menu.
24 [Format]: Changes the screen format.
25 [ENTER]: Enters the selected item.

DVD Home Theatre

- [4] [Left Arrow]: Skips to the previous chapter/track.
[5] [Right Arrow]: Briefly replays the scene (Flash -).
[6] [Fast Forward]: Briefly fast forwards the scene (Flash +).
[7] [Next Chapter]: Skips to the next chapter/track.
[8] [Fast Reverse]: Fast reverses.
[9] [Play]: Plays.
[10] [Fast Forward]: Fast forwards.
[11] [Records]: Records.
[12] [Pauses]: Pauses.
[13] [Stops]: Stops.
5 [Red] (SET UP) Calls up the system/setup menu.
[Green] (SUBTITLE) Switches the subtitle.
[Yellow] (AUDIO) Changes the sound.
[Blue] (CLEAR) Clears the setting.
- [8] [TOP MENU] Displays the Top Menu.
10 [MENU]: Displays the DVD menu.
12 [Input]: Changes the input mode.
13 [1 - 9, 0]: Number buttons
14 [-]: (+10) Selects numbers 10 and above.
15 [Disc Tray]: Opens/closes the disc tray.
19 [Display]: Displays the playback information.
20 [Options]: Displays the amplifier menu.
21 [Channel]: (BAND) Selects FM/AM.
23 [PROG +/-]: Presets or tunes frequency up/down.
24 [Format]: Changes the screen format.
25 [ENTER]: Enters the selected item.

