

Remote Commander

RM-VZ220

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English

For the Customers in the U.S.A.

WARNING

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
 - Increase the separation between the equipment and receiver.
 - Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
 - Consult the dealer or an experienced radio/TV technician for help.
- You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

Setting Up the RM-VZ220

The RM-VZ220 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 (00810)
TV, Cable set top box, Satellite receiver, IPTV, DVD player, DVD recorder, Blu-ray Disc player, DVR (digital video recorder), PVR (personal video recorder), VCR, DVD Home Theater	CBL (SAT)	Cable set top box (non-Sony) (51376)
	VCR	Sony VCR (60032)
	DVD	Sony DVD player (11033)

* The five-digit code is the preset manufacturer's code.

Note

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

Operating Instructions

Manual de instrucciones (parte posterior)



Installing the batteries

Slide open the battery compartment and insert two size AA (R6) 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, size AA (LR6) alkaline batteries will last up to one year. If the RM-VZ220 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-VZ220 for a long period of time.

Specifications

Operating distance	Approx. 11 m (36 ft) (varies depending on devices of different manufacturers)
Power requirements	Two size AA (R6) dry batteries (not supplied)
Battery life	Approx. 1 year when using size AA (LR6) alkaline batteries (varies depending on frequency of button use - up to approx. 300 times per day.)
Dimensions	Approx. 53 x 213 x 27 mm (2 1/4 x 8 1/2 x 1 1/4 in.) (w/h/d)
Mass	Approx. 100 g (3.5 oz) (not including batteries)

Design and specifications are subject to change without notice.

Troubleshooting

If you have problems setting up or using the RM-VZ220:

- Carefully perform the setup procedure of "Startup Guide." If the RM-VZ220 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-VZ220, try the Search function (see "Searching for the correct code").
- Aim the RM-VZ220 directly at the device.
- Remove any obstacles in the path between the RM-VZ220 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-VZ220.
- The batteries are weak, or not inserted correctly. Replace them with new ones or insert them correctly.

For the customers in the U.S.A.

Customer Support Information

After you have read through this manual, if you still cannot get the RM-VZ220 to work properly, call the Sony Customer Support Helpline at 1-800-822-2217.

Startup Guide

This guide shows you how to set up and use the RM-VZ220 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 "Manufacturer's Code List."

TV / TV		TV / TV	
Brand	Code No.	Brand	Code No.
Acer	01339	Mitsubishi	01750, 00150, 00836
Action	00650	NAD	00156
Admiral	00063	NEC	00126
Alcatel	00054	Panasonic	00156, 00051
Carver	00000	Pentax	01523
Celebrity	00000	Petters	01523
Coby	02306, 02345, 02348	Philco	00054
Commercial Solutions	01447	Philips	01453, 00054, 00690, 01744, 02372
Crosley	00054	Pioneer	01457, 01260
Curtis	02352	Polaroid	01523, 01276, 01314, 01687
Curtis Mathes	00054, 00154, 00702, 01661	Proscan	01447, 02147, 02256
Daewoo	01661	Prism	00051
Digital Lifestyles	01765	Quasar	00051, 00650
Dynabrand	01663, 00171		
Dynex	01463, 01810, 02049		

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.

The SET indicator lights up.

While keeping SET held down, press the desired Device Select button, then release both buttons.

3 Enter the manufacturer's code (01454).

The SET indicator flashes three times and turns off.

Operate the device

1 Aim the RM-VZ220 directly at the device.

2 Press the Device Select button for the device you want to operate.

3 Press POWER to turn on the device.

4 Press buttons on the RM-VZ220 to check that they function.

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

If the RM-VZ220 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-VZ220 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.

1 Power on the device with its power switch.

2 Aim the RM-VZ220 at the device you want to set.

3 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.

4 Enter 9 - 2 - 2 using the number buttons.

The SET indicator flashes three times. 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 ►► or ◀◀ button.

6 Press ◀.

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

1 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.

2 Enter 9 - 3 - 3 using the number buttons.

The SET indicator flashes three times.

3 Press ►.

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 ►.

5 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:

1 Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press ◀, then release both buttons.

2 Enter 9 - 7 - 7 using the number buttons. The SET indicator flashes three times.

3 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-VZ220 to its factory settings.

1 Press and hold SET for more than 3 seconds. The SET indicator lights up. While keeping SET held down, press ◀, then release both buttons.

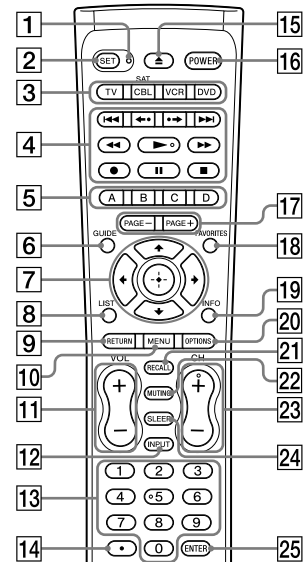
2 Enter 9 - 0 - 0 using the number buttons.

The SET indicator flashes three times. To cancel, press any button except ◀.

3 Press ◀.

The SET indicator flashes three times and turns off.

Remote Button Descriptions



General

- 1** SET: Press to set up the RM-VZ220. The indicator lights or flashes while setting.
- 3** GUIDE Select buttons: Press to select the device to operate.
- 6** DEVICE: Displays the program guide (EPG).
- 7** *+/-/RETURN: Moves the cursor to select a menu item/enters the selected item.
- 9** RETURN: Returns to the previous display/exits the menu.
- 11** VOL +/-: Turns the volume up/down.
- 16** POWER: Turns the selected device on and off.
- 22** MUTING: Mutes the volume. Press again to turn muting off.
- 24** SLEEP: Enables the Sleep function (when available).

The number 5, CH+, and ► buttons each have a tactile dot for ease of use. The GUIDE and RETURN buttons do not work for a VCR.

Note on the VOL +/- and MUTING buttons

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

TV

- 4** ◀◀: VIDEO 1 input
- ◀◀: VIDEO 2 input
- 13** ◀◀: HDMI input
- : RGB input
- ◀◀: (PIP INPUT) Changes the input mode of the "window" picture.
- : (PIP) Turns the "window" picture on and off.
- : (PIP MOVE) Moves the location of the "window" picture.
- 18** INFO: Displays program information.
- 20** OPTIONS: Displays the options menu.
- 21** RECALL: Selects the channel previously selected.
- 23** CH +/-: Switches the channel up/down.
- 5** A: (SET UP) Calls up the system/setup menu.
- B: (SUBTITLE) Switches the subtitle.
- C: (AUDIO) Changes the sound.
- D: (CLEAR) Clears the setting.
- 8** LIST: Displays the Title List.
- 10** MENU: Displays the DVD menu.
- 12** MENU: Calls up the menu display.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0, ENTER, • (dot): Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
- 17** PAGE +/-: (PIP CH +/-) Changes the channel up/down in the "window" picture.
- 18** FAVORITES: Enables the Favorite function.
- 19** INFO: Displays program information.
- 20** OPTIONS: Displays the options menu.
- 21** RECALL: Selects the channel previously selected.
- 23** CH +/-: Switches the channel up/down.

Cable set top box/IPTV

- 4** ◀◀: Proceeds to the previous chapter/track.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Proceeds to the next location.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 5** A, B, C buttons
- 5** A: (Live TV) Displays Master setup menu.
- 8** LIST: Displays the title of recorded program.
- 10** MENU: Calls up the menu display.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0, ENTER, • (dot): Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
- 17** PAGE +/-: Page up/down
- 18** FAVORITES: Enables the Favorite function.
- 19** INFO: Displays program information.
- 20** OPTIONS: Displays the options menu.
- 21** RECALL: Switches between the current and previous channel.
- 23** CH +/-: Switches the channel up/down.

Satellite receiver

- 4** ◀◀: Proceeds to the previous location.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Proceeds to the next location.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- 5** A: Red button
- B: Green button
- C: Yellow button
- D: Blue button
- 8** LIST: Displays the title of recorded program/PVR menu.
- 10** MENU: Calls up the menu display.
- 12** INPUT: (TV/SAT) Switches the output between SAT and TV.
- 13** 1 - 9, 0, ENTER, • (dot): Changes the channel. For example, to change to channel 5, press 0 and 5 (or, press 5 and ENTER).
- 17** PAGE +/-: Page up/down
- 18** FAVORITES: Enables the Favorite function.
- 19** INFO: Displays program information.
- 20** OPTIONS: Displays the Satellite dish menu/Station Index.
- 21** RECALL: Tunes to the last tuned station.
- 23** CH +/-: Switches the channel up/down.

VCR

- 4** ◀◀: Rewinds.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 15** A: Ejects a tape.
- 19** INFO: (DISPLAY) Displays the playback information.
- 20** OPTIONS: (ANT/SW) Switches the antenna output.
- 21** RECALL: (DRIVE SELECT) Selects the deck.
- 23** CH +/-: Switches the channel up/down.
- 25** ENTER: Enters the selected item.

DVD player/recorder

- 4** ◀◀: Skips to the previous chapter/track.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Skips to the next chapter/track.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 5** A: (SET UP) Calls up the system/setup menu.
- B: (SUBTITLE) Switches the subtitle.
- C: (AUDIO) Changes the sound.
- D: (CLEAR) Clears the setting.
- 8** LIST: Displays the Title List.
- 10** MENU: Displays the DVD menu.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 14** • (dot): (+10) Selects numbers 10 and above.
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Skips to the next chapter/track.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 5** A: (SET UP) Calls up the system/setup menu.
- B: (SUBTITLE) Switches the subtitle.
- C: (AUDIO) Changes the sound.
- D: (CLEAR) Clears the setting.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 14** • (dot): (+10) Selects numbers 10 and above.
- 15** A: Opens/closes the disc tray.
- 17** PAGE +/-: (DVD) Selects the DVD drive.
- 18** FAVORITES: (TOP MENU) Displays the Top Menu.
- 19** INFO: (DISPLAY) Displays the playback information.
- 20** OPTIONS: Displays the options menu.
- 21** RECALL: (DRIVE SELECT) Switches between HDD and DVD.
- 23** CH +/-: Switches the channel up/down (for DVD recorder).
- 25** ENTER: Enters the selected item.

Blu-ray Disc/HD-DVD player

- 4** ◀◀: Skips to the previous chapter/track.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Skips to the next chapter/track.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records (for BD recorder).
- II: Pauses.
- : Stops.
- 5** A: (SET UP) Calls up the system/setup menu.
- B: (SUBTITLE) Switches the subtitle.
- C: (AUDIO) Changes the sound.
- D: (CLEAR) Clears the setting.
- 10** MENU: Displays the Pop-up Menu/Disc Menu.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 14** • (dot): (+10) Selects numbers 10 and above.
- 15** A: Opens/closes the disc tray.
- 17** PAGE +/-: (BD) Selects the BD drive.
- 18** FAVORITES: (TOP MENU) Displays the Top Menu.
- 19** INFO: (DISPLAY) Displays the playback information.
- 20** OPTIONS: Displays the options menu.
- 25** ENTER: Enters the selected item.

DVR (digital video recorder)/PVR (personal video recorder)

- 4** ◀◀: Proceeds to the previous location.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Proceeds to the next location.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 5** A: (REPLAY*) Enables the Replay function for DVR/Replay TV.
- B: (Live TV*) Displays Master Guide.
- 8** LIST: Displays the title of recorded program.
- 10** MENU: Calls up the menu display.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 14** • (dot): (+10) Selects numbers 10 and above.
- 15** A: Opens/closes the disc tray.
- 17** PAGE +/-: Page up/down, "Thumbs" up/down
- 19** INFO: (DISPLAY) Displays the playback information.
- 21** RECALL: Selects the channel previously selected.
- 23** CH +/-: Switches the channel up/down.
- 25** ENTER: Enters the selected item.

* These buttons correspond to TiVo service or the Replay service. Refer to its instruction manual for details.

DVD Home Theater

- 4** ◀◀: Skips to the previous chapter/track.
- ◀◀: Briefly replays the scene (Flash -).
- ◀◀: Briefly fast forwards the scene (Flash +).
- : Skips to the next chapter/track.
- ◀◀: Fast reverses.
- : Plays.
- : Fast forwards.
- : Records.
- II: Pauses.
- : Stops.
- 5** A: (SET UP) Calls up the system/setup menu.
- B: (SUBTITLE) Switches the subtitle.
- C: (AUDIO) Changes the sound.
- D: (CLEAR) Clears the setting.
- 8** LIST: Enables the SOUND FIELD function.
- 10** MENU: Displays the DVD menu.
- 12** INPUT: Changes the input mode.
- 13** 1 - 9, 0: Number buttons
- 14** • (dot): (+10) Selects numbers 10 and above.
- 15** A: Opens/closes the disc tray.
- 18** FAVORITES: (TOP MENU) Displays the Top Menu.
- 19** INFO: (DISPLAY) Displays the playback information.
- 20** OPTIONS: Displays the amplifier menu.
- 21** RECALL: (BAND) Selects FM/AM.
- 23** CH +/-: Presets or tunes frequency up/down.
- 25** ENTER: Enters the selected item.

Notes on using the RM-VZ220

- The RM-VZ220 will not perform functions that the device is not designed for. For example, if your TV does not have the muting function, MUTING on the RM-VZ220 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-VZ220 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-VZ220.

Manufacturer's Code List / Lista de códigos del fabricante

English

The following tables show brand names (Brand) and their corresponding code numbers (Code No.).

1 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.

2 Enter the manufacturer's code.

The SET indicator flashes three times and turns off.

Español

La siguiente tabla muestra los nombres de las marcas (Brand) y el número de código correspondiente (Code No.).

1 Presione y mantenga presionado el botón SET durante más de 3 segundos. Se encenderá la luz indicadora SET. Mientras tiene presionado el botón SET, presione el botón de selección de dispositivo deseado y luego suelte ambos botones.

2 Ingrese el código del fabricante.

El indicador SET parpadeará tres veces y se apagará.

TV / TV

Brand	Code No.	Brand	Code No.
Acer	01339	Mitsubishi	01250, 00150, 00836
Action	00650	NAD	00156
Admiral	00063	NEC	00126
Akai	00812, 01675, 00702, 02232	NetTV	01755
Akita	01733	Norcent	00748, 01365, 01589
AOC	01365, 01589	Olevia	01610, 01144, 01331
Apex Digital	00748	Onida	01253, 02396
Archantura	00171	Optimus	00154, 00650
Bell & Howell	00154	Orion	00463, 01463
BPL	01543	Panasonic	01480, 00051, 00650
Broksonic	00463	PARK	02104
Canby	00054	Proscan	00156, 00051
Celebrity	00000	Petters	01523
Commercial Solutions	01447	Philco	00054
Crosley	00054	Philips	01454, 00054, 00690, 01744, 02372
Curtis	02352	Pioneer	01457, 01260
Curtis Mathes	00054, 00154, 00702, 01661	Polaroid	01523, 01276, 01314, 01687
Daewoo	01661	Portland	01661
Digital Lifestyles	01765	Prism	00051
Durabrand	00463, 00171	Proscan	01447, 02147, 02256
Dynex	01463, 01810, 02049	Preview	01687
Dynabrand	00000	Quasar	00051, 00650
Electrograph	01755	RadioShack	00154
Electrohome	00463	RCA	01447, 01781, 02187, 02247, 02403, 02429, 02434
Elektra			

Cable set top box / Decodificador de cable			
Brand	Code No.	Brand	Code No.
ADB	51927	Motorola	51376, 50476, 51187, 51982
Bright House	51376, 51877	NET	50277
Cable One	51376, 51877	Pace	51877, 51982
Cablevision	51376, 51877, 51006	Panasonic	51982
Charter	51376, 51877, 52187	Philips	51305
Cisco	51877, 50877, 51982	Pioneer	51877, 50877
Comcast	51376, 51877, 51982, 52576	Rogers	51877
Cox	51376, 51877	Scientific Atlanta	51877, 50877, 50277
Digeo	51187, 52187	Shaw	51376
Director	50476	Sony	51006
General Instrument	50476	StarHub	51927
Insight	51376, 51877	StudeLink	51376, 51877
Jerrod	50476	Time Warner	51376, 51877, 52187
Knology	51877	Tivo	52576
Mediacom	51376, 51877	US Electronics	50277
		WideOpenWest	51877

IPTV / IPTV			
Brand	Code No.	Brand	Code No.
AT&T	50858		
Azteca	52237	Scientific Atlanta	50858, 52345
BeaTV	52327		
Bisco	52345	Thomson	52327
Motorola	51998, 50858, 52275, 52378	UTStarcom	52327
Reliance	52452	Verizon	52378

Satellite receiver / Receptor de satélite			
Brand	Code No.	Brand	Code No.
Aired	42248	Multichoice	42059, 42060
Astro	42600	NET	41883
Bell ExpressVu	40775	Net Brazil	41883
DirectTV	41377, 40566, 40749, 40099,	Pace	40887
	41442	Philips	40749, 40722, 40099, 41442
Dish Network	40775	Prescan	40566
Dishpro	40775	Proton	41535
Echostar	40775, 42527	RCA	40566
ExpressVu	40775	Memorex	41377, 41442
GO	40566	SKY	40856, 42619
GOI	40775	SKY Brazil	40856, 40887, 41499
Hisense	41535	SKY Mexico	40856, 42619
HTS	40775	Telefonica	42527
Hughes Network Systems	40749, 41442	Tivo	41442
ilo	41535	Toshiba	40749
Indovision	40856	Uniden	40722
IVC	40775	US Digital	41535
Magnavox	40722	USDTV	41535
Mitsubishi	40749	Zenith	40856

DVR (digital video recorder)/PVR (personal video recorder) DVR (videogradora digital)/PVR (videogradora personal)			
Brand	Code No.	Brand	Code No.
DirectTV	20739	IBC	20614, 20616
Go Video	20614	LG	31293, 32239, 32331
Hughes Network Systems	20739	Samsung	31293, 32197, 32284
Humax	20739	Sony	20614, 20616
Panasonic	20614, 20616	NexTech	20636
Philips	20739, 20618	Tivo	20739, 20618, 20636
		Toshiba	21008

VCR / VCR			
Brand	Code No.	Brand	Code No.
Admiral	60048	Motorola	51376, 50476, 51187, 51982
Awia	60037	NET	50277
Allegro	61137	Pace	51877, 51982
Cablevision	51376, 51877, 51006	Panasonic	51982
Charter	51376, 51877, 52187	Philips	51305
Cisco	51877, 50877, 51982	Pioneer	51877, 50877
Comcast	51376, 51877, 51982, 52576	Rogers	51877
Cox	51376, 51877	Scientific Atlanta	51877, 50877, 50277
Digeo	51187, 52187	Shaw	51376
Director	50476	Sony	51006
General Instrument	50476	StarHub	51927
Insight	51376, 51877	StudeLink	51376, 51877
Jerrod	50476	Time Warner	51376, 51877, 52187
Knology	51877	Tivo	52576
Mediacom	51376, 51877	US Electronics	50277
		WideOpenWest	51877

IPTV / IPTV			
Brand	Code No.	Brand	Code No.
AT&T	50858		
Azteca	52237	Scientific Atlanta	50858, 52345
BeaTV	52327		
Bisco	52345	Thomson	52327
Motorola	51998, 50858, 52275, 52378	UTStarcom	52327
Reliance	52452	Verizon	52378

Satellite receiver / Receptor de satélite			
Brand	Code No.	Brand	Code No.
Aired	42248	Multichoice	42059, 42060
Astro	42600	NET	41883
Bell ExpressVu	40775	Net Brazil	41883
DirectTV	41377, 40566, 40749, 40099,	Pace	40887
	41442	Philips	40749, 40722, 40099, 41442
Dish Network	40775	Prescan	40566
Dishpro	40775	Proton	41535
Echostar	40775, 42527	RCA	40566
ExpressVu	40775	Memorex	41377, 41442
GO	40566	SKY	40856, 42619
GOI	40775	SKY Brazil	40856, 40887, 41499
Hisense	41535	SKY Mexico	40856, 42619
HTS	40775	Telefonica	42527
Hughes Network Systems	40749, 41442	Tivo	41442
ilo	41535	Toshiba	40749
Indovision	40856	Uniden	40722
IVC	40775	US Digital	41535
Magnavox	40722	USDTV	41535
Mitsubishi	40749	Zenith	40856

DVD Home Theater / DVD con cine en casa			
Brand	Code No.	Brand	Code No.
Ayam	31609	Onida	32482
Bose	31229, 31629, 31933	Onkyo	31298, 31531
Denon	32857	Panasonic	31288, 31548, 31633, 31763, 31764, 32452, 32967
Harmann/Kardon	31306	Philco	31838
HiFiPlus	32483	Philips	31266, 32311, 32459
Insighia	31751, 32175	Pioneer	31935
Integra	31298	RCA	31609, 32041, 32426
JB1	31306	Samsung	31295, 31580, 31868
DirectTV	20739	Sharp	31622, 31558, 31658, 31758, 31822, 31858, 32522
Go Video	20614	Sony	32426, 32483
Hughes Network Systems	20739	Vitek	31293
Humax	20739	Zenith	31293
Panasonic	20614, 20616		
Philips	20739, 20618		

Español

Para los clientes de EE. UU.

ADVERTENCIA

Este equipo ha sido probado y se ha encontrado que cumple con los límites para dispositivos digitales de Clase B, de acuerdo con la Parte 15 de las normas de la FCC. Estos límites han sido diseñados para proporcionar una protección razonable contra interferencias perjudiciales en una instalación residencial.

Este equipo genera, usa y puede emitir energía de radiofrecuencia y, si no se instala y utiliza de acuerdo con las instrucciones, puede provocar interferencias perjudiciales en las radiocomunicaciones. Sin embargo, no existe ninguna garantía de que tales interferencias no se produzcan en una instalación particular. Si este equipo llega a producir interferencias dañinas en la recepción por radio o TV, lo que podrá comprobarse encendiendo y apagando el aparato, se recomienda al usuario que intente corregir la interferencia tocontrol remoto una o más de las siguientes medidas:

- Reorientación o reubicación de la antena receptora.
 - Aumento de la separación entre el equipo y el receptor.
 - Conexión del equipo a un tomacorriente diferente del utilizado por el receptor.
 - Solicitud de ayuda al proveedor o a un técnico de radio/televisión experimentado.
- Tenga en cuenta que cualquier cambio o modificación que no se apruebe expresamente en este manual puede anular su derecho a utilizar este equipo.

Configuración del RM-VZ220

El RM-VZ220 está configurado de fábrica para funcionar con los dispositivos de video de la marca Sony en cualquiera de los botones de selección de dispositivos (consulte la tabla a continuación). Para usar los dispositivos que no sean marca Sony, o dispositivos marca Sony que no vengan configurados de fábrica, establezca el código del fabricante de cada dispositivo.

Dispositivos	Botón	Configuración de fábrica*
TV	TV	Televisor Sony (00810)
TV, decodificador de cable, receptor de satélite, IPTV, reproductor de DVD, grabadora de DVD, reproductor de Blu-ray Disc, DVR (videogradora digital), PVR (videogradora personal), VCR, DVD con cine en casa	CBL (SAT)	Decodificador de cable (no de marca Sony) (51376)
	VCR	VCR Sony (60032)
	DVD	Reproductor de DVD Sony (11033)

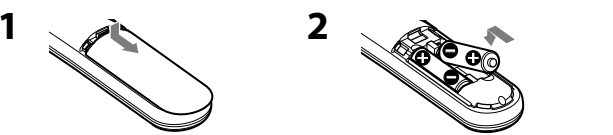
* El código de cinco dígitos es el código establecido por el fabricante.

Nota

Solamente se puede asignar un TV al botón de selección de dispositivos del **TV**. Puede asignar cualquier dispositivo a los otros botones de selección de dispositivos.

Instalación de las baterías

Abra el compartimiento de las baterías e inserte dos baterías tamaño AA (R6) secas (no incluidas). Inserte las baterías (primero el lado negativo) en el compartimiento tal como se muestra abajo.



Vida útil de la batería

En condiciones normales, las baterías secas alcalinas AA (LR6) pueden durar hasta un año. Si el RM-VZ220 no funciona apropiadamente, las baterías pueden descargarse. Si ocurriera esto, reemplace ambas baterías con un par nuevo.

- Reemplace las baterías por nuevas dentro de los dos minutos, y no presione ningún botón mientras las reemplaza. De hacerlo, se pueden borrar las configuraciones de los códigos.
- No usar una batería vieja con una nueva, ni usar diferentes tipos de baterías juntos.
- Si se derraman los electrolitos contenidos dentro de la batería, limpie el área contaminada del compartimiento de las baterías con un paño y reemplace las baterías viejas con nuevas. Para evitar los derrames de electrolitos, quite las baterías si tiene planeado no utilizar el RM-VZ220 durante un periodo de tiempo prolongado.

Especificaciones

Distancia de operación Aproximadamente 11 m (36 pies) (varía según los dispositivos de los diferentes fabricantes)

Requisitos de alimentación

Vida útil de la batería Dos baterías secas de tamaño AA (R6) (no incluidas) Aproximadamente 1 año cuando se utilizan baterías alcalinas de tamaño AA (LR6) (varía de acuerdo con la frecuencia del uso de los botones, hasta un uso aproximado de 300 veces por día.)

Dimensiones Aproximadamente 53 x 213 x 27 mm (2 1/8 x 8 1/2 x 1 1/8 pulgadas) (a x h x d)

Aproximadamente 100 g (3.5 onzas) (sin incluir las baterías)

El diseño y las especificaciones están sujetos a cambios sin previo aviso.

Solución de problemas

Si tiene problemas con la configuración o el funcionamiento del RM-VZ220:

- Realice con cuidado el procedimiento de configuración de la "Guía de configuración". Si el RM-VZ220 no funciona, intente repetir el procedimiento de configuración con otro código de fabricante (si hay otros en la enumeración de códigos de su dispositivo). Si sigue sin poder operar el RM-VZ220, intente con la función Búsqueda (consulte "Búsqueda del código del fabricante").

- Apunte el RM-VZ220 directamente al dispositivo.
- Quite cualquier obstáculo en el camino entre el RM-VZ220 y el dispositivo.
- Asegúrese de haber presionado el botón de selección de dispositivo correcto.
- Controle que el dispositivo tenga capacidad para infrarrojo de control remoto. Por ejemplo, si su dispositivo no incluía un control remoto, probablemente no sea capaz de ser controlado por el RM-VZ220.
- Las baterías están agotadas o no están insertadas correctamente. Reemplácelas por nuevas e insérte las correctamente.

Para clientes en EE. UU.

Información de asistencia al cliente

Luego de leer este manual, si todavía no puede lograr que el RM-VZ220 funcione apropiadamente, llame a la Línea de ayuda de asistencia al cliente de Sony al 1-800-822-2217.

Guía de configuración

Esta guía muestra la configuración y uso del RM-VZ220 para operar sus dispositivos. Si su dispositivo Sony ya ha sido configurado, consulte "Funcionamiento del dispositivo".

Establezca el código del fabricante

Ejemplo: Para usar un televisor Philips



Brand	Code No.	Brand	Code No.
Acer	01159	Mitsubishi	01250, 01260, 00836
Action	00650	NAL	00156
Adams	00156	NEC	02105
Carver	00054	Pemney	00156, 00051
Celebrity	00000	Peters	01523
Coby	02306, 02345, 02348	Philco	00954
Commercial	01447	Philips	01543, 00690, 01744, 02372
Crowley	00054	Pioneer	01457, 01260
Curtis	02352	Polarsad	01523, 01276, 01314, 01687
Curta Mathes	00054, 00154, 00702, 01661	Portland	01661
Danwood	01661	Prism	00051
Digital Lifestyles	01785	Proscan	01447, 02147, 02256
Diamond	00663, 00171	Proview	01687
Dynex	01463, 01810, 02049	Qsanar	00051, 00650

Si su dispositivo no figura en la lista, intente con la función Búsqueda (consulte "Búsqueda del código del fabricante").

