SONY

2-674-862-11(1)

Remote Commander

RM-V310

Operating Instructions
Manual de instrucciones (parte posterior)

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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 Remote Commander

About Presetting the Commander

The Commander is preset at the factory to operate Sony brand components.

If you're using the Commander with a Sony component, you won't need to preset the Commander before you start using it.

To set up the Commander to be used with other Sony manufacturers' components, or to use with a component that is not preset at the factory, you'll need to follow the instructions in this manual to preset the Commander with the correct code number for your components. (See the supplied "Component code numbers" also.)

Component that can be preset	Button	Factory setting
TV	**TV**	Sony TV
Video cassette recorder/Analog cable box/Digital cable box/Digital satellite receiver/Receiver/CD player/Tape deck/MD deck/DVD/TV VCR/Digital video recorder/DAV (DVD/Receiver combo)	**VCR**	Sony VHS VCR
	CBL	analog cable box
	AMP	Sony receiver
	CD	Sony CD player
	SAT	Sony digital satellite receiver
	DVD	Sony DVD player

Notes

- The Commander can be set up to operate only one component per button – unless their code numbers happen to be the same. For example, you cannot set up the Commander to operate a Sony TV and a Panasonic TV simultaneously (because they use different code numbers).
- You may not be able to operate even a Sony brand component with the factory presetting. In such a case, follow the procedure in "Setting the Code."

Installing the Batteries

Before replacing the batteries, have new ones ready beforehand.

Slide open the battery compartment and insert two size AA (R6) batteries (not supplied).
Be sure to line up the + and – on the batteries with the + and – on the battery compartment.

When to replace the batteries

Under normal conditions, batteries will last up to six months. If the remote Commander does not operate properly, the batteries might be worn out. Replace the batteries with new ones.

Notes

- Replace both batteries with new ones.
- Do not take more than 20 minutes to replace the batteries; otherwise, your setting of the code numbers will be erased.

Notes on Batteries

- Do not mix old batteries with new ones 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 the electrolyte from leaking, remove the batteries when you plan not to use the Commander for a long period of time.

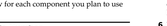
Setting the Code

Follow the steps 1 and 2 below for each component you plan to use with the Commander.

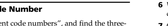
Step 1: Entering the Code Number

1 See the supplied "Component code numbers", and find the three-digit code number for the desired component.
If more than one code number is listed, use the number that's listed first to complete the steps below.
For example, if you're setting up a Philips' VCR, you would use the code number 035.
If your component isn't listed, see "Searching for the Correct Code."

2 While pressing the **SET** button, press the **POWER** button.



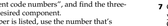
3 Press the button of the component that you want to set up.



Note

On the **VCR**, **CBL**, **SAT**, **AMP**, **CD**, and **DVD** buttons, "video cassette recorder," "analog cable box," "digital satellite receiver," "receiver", "CD player", and "DVD player" are assigned respectively at the factory. But you can also assign other components on these buttons. For details, see "Changing the Component Type on the **VCR**, **CBL**, **SAT**, **AMP**, **CD**, and **DVD** buttons."

4 Enter the component's code number.
For example, if you're entering the code for a Philips VCR, you would press 0 3 5.



5 Press and release the **ENT** button to store the code number in the Commander's memory.

6 Go to "Step 2: Checking if the Code Number Works" to finish setting up.

Step 2: Checking if the Code Number Works

1 Power on the component you want to set up.

2 Aim the Remote Commander at the component and press a button to check if that button works.
For example, press the **POWER** button to see if it works on your component.

3 Check that the other buttons of the Commander is operating the corresponding functions of the component.

You can write down the code number on the label inside the battery compartment lid.

If the Commander Doesn't Seem to Be Working...

- First, try repeating these setup procedures using the other codes listed for your component (see the supplied "Component code numbers").
- If – after trying all the codes listed for your component – you still cannot get the Commander to work properly, try the search method described in "Searching for the Correct Code."

Searching for the Correct Code

If you've tried all the code numbers listed for your component and you still cannot get the Commander to work (or if your component is not listed in the "Component code numbers" tables), try these steps.

1 Power on the component you want to set up. Insert a tape or disc if necessary.

2 While pressing the **SET** button, press the **POWER** button.

3 Press the button of the component on the Commander that you want to set up.

4 Press and release the **CH+** button. Then press and release the **POWER** button.

5 Repeat step 4 until the correct code number is found.
Each time you press the **CH+** button and then the **POWER** button, a new code number will be transmitted.
Keep trying until your component operates by receiving the transmitted signal from the Commander (such as turns off, the CH+ function works, playback starts, etc.). Be patient as you do this; it may take about 100 tries until the correct code number is located.

6 When the correct code is found, press the **ENT** button to store the code number in the Commander's memory.

7 Check that the Commander is operating the other functions of your component by pressing the corresponding buttons on the Commander. If they seem to be working properly, you're done setting up the Commander.

If the component does not operate properly, repeat steps 1 to 6 and search for another code.

If you still cannot get the Commander to work properly, see "Troubleshooting."

Changing the Component Type on the VCR, CBL, SAT, AMP, CD and DVD buttons

At the factory, "video cassette recorder" is assigned on the **VCR** button, "digital satellite receiver" on the **SAT** button, "analog cable box" on the **CBL** button, "receiver" on the **AMP** button, "CD player" on the **CD** button and "DVD player" on the **DVD** button. By completing the following procedure, you can change this setting so that you can set up any component on these buttons.

1 While pressing the **SET** button, press the **POWER** button.

2 Press the **VCR**, **CBL**, **SAT**, **AMP**, **CD**, or **DVD** button.

3 Press and release the ■ (stop) button.

4 Press and release one of the following buttons;
① to assign a VCR
② to assign a DAV (DVD/receiver combo)
③ to assign a digital satellite receiver, a digital cable box or a digital video recorder
④ to assign a receiver
⑤ to assign a CD player
⑥ to assign a tape deck
⑦ to assign an MD deck
⑧ to assign a TV
⑨ to assign an analog cable box
⑩ to assign a DVD

5 Press and release the **ENT** button.

6 Enter the component's code number by following steps 2 to 6 of "Entering the Code Number", or steps 1 to 7 of "Searching for the Correct Code."

Controlling the Volume of Video Components Connected to an Audio System

The Commander is factory preset based on the assumption that you hear the sound of your video components from your TV's speakers, and that you hear the sound of your audio components from the loudspeakers connected to your receiver (or amplifier).

Factory Setting:

Button	Controls the volume of
TV	TV
VCR*, **CBL***, **SAT***, **DVD***	TV
AMP	Receiver (or amplifier)
CD*	Receiver (or amplifier) on the **AMP** button

* If you assign an audio component on the **VCR**, **CBL**, **SAT**, **CD** or **DVD** button, you can control the volume of the receiver (or amplifier) on the **AMP** button. If you assign video components on these buttons, you can control the volume of the TV.

Thus you can control the volume of your TV or receiver (or amplifier) while operating a video or audio component without first having to press the **TV** or **AMP** button. For example, to control the volume for your VCR channels, you don't need to press the **TV** button first.
However, if your video components are connected to an audio system, you probably hear your TV's or VCR's sound from the loudspeakers connected to the audio system, rather than from your TV speakers. In this case, you need to change the factory setting so that you can control the volume of your video components without first having to switch to the receiver (or amplifier).
To change the factory setting for the volume control, follow the procedures below.

Note

This feature is effective only when a receiver (or amplifier) is set up on the **AMP** button. You cannot control the volume of a receiver (or amplifier) set up on **VCR**, **CBL**, **SAT**, **CD** or **DVD** button while operating a component of another button.

Changing the Factory Setting for the Volume Control

1 While pressing the **SET** button, press the **POWER** button.

2 Press the **AMP** button.

3 Press the **VOL+** button.

4 Press the **ENT** button.

The volume control setting is changed to "receiver/amplifier." You can control the volume of the receiver (or amplifier) of the **AMP** button while setting any component.

Notes

- If you are using more than one receiver (or amplifier) and have set it on the **VCR**, **CBL**, **SAT**, **CD** or **DVD** button, when selecting these buttons you cannot control the volume of the receiver (or amplifier) of the **AMP** button.
- If you try to program only one operation on a macro key, the setting operation will be rejected.
- You can program the Channel Macro function for up to three components only. To return to the factory setting, first clear all macro keys for a component.

To change or clear the program

When you want to change the setting or if you are no longer using that programmed operation, follow the procedure below to overwrite or clear the program.

1 Hold down the macro key that you want to change or clear.

2 After waiting for about three seconds, press the new sequence of buttons, or, to clear the program, press and release ②, and then press and release **ENT**.

3 Release the macro key.

Note

Be sure to wait for about three seconds in step 2 above. While you are holding down the macro key and waiting, the programmed signals are transmitted; therefore, if you are aiming the Commander at your component, the programmed operations may be performed before you go on with the procedure.

Troubleshooting

If you have problems setting up or using the Commander:

- When setting up the Commander, carefully go through the procedures described in "Setting the Code." If the code that's listed first for your component doesn't work, try all the codes for your component – in the order in which they're listed. If all the codes fail to work (or if your component is not listed in this manual), try using the procedure described in "Searching for the Correct Code."
- Check that you're aiming the Commander directly at the component, and that there are no obstructions between the Commander and the component.
- Make sure that the batteries you're using are not worn out, and that they're inserted correctly.
- Check that the button of the **TV**, **VCR**, **CBL**, **SAT**, **AMP**, **CD** or **DVD** is pressed to choose your desired component.
- Check that the component has infrared remote capability. For example, if your component didn't come with a remote commander, it probably isn't capable of being controlled by a remote commander.
- If your video components are connected to an audio system, make sure you've set up the Commander as described in "Controlling the Volume of Video Components Connected to an Audio System."
- Should any problem persist, reset the Commander to the factory setting by pressing the **POWER**, **TV/VIDEO** and **VOL–** buttons simultaneously.

For the customers in the U.S.A.

Customer Support Information

If – after you've read through this manual – you still cannot get the Remote Commander to work properly, call the Sony Customer Support Helpline at 1-800-822-2217.

Operating a Component

1 Press the button of the desired component on the Commander.

2 Point the Commander directly at the component.

3 Press the button for the function you want to use.

See "Remote Button Descriptions" for complete descriptions of the buttons on the Commander.

Notes on Using the Remote Commander

Basically, use this Commander in the same way as the Commanders supplied with your components.

- Using this Commander will not increase the functions of your components. The functions of the Commander are limited to the functions of the components, if any, that come with it. For example, if your TV does not have a MUTING function, the **MUTING** button on this Commander will not function with your TV.
- Some functions of the component may not work with this Commander.
- If your cable box can control volume, be sure to set its volume switch to a medium position. If the volume on the cable box is turned down completely, you will not be able to adjust your TV's volume with the Commander.

Setting a channel with a single button (Channel Macro function)

You can program the Channel Macro function on any of the buttons listed below (macro keys).
For example, instead of pressing ①, ②, and then the **ENT** button to change the TV channel, you can perform these operations by pressing only the ► button.

The macro keys are:
►◄, ◄◄, ►►, ■, **II**, and **●REC**
(During TV, analog cable box, digital cable box, digital satellite receiver or digital video recorder operations only.)

The series of operations that can be programmed must be consisted of two to four sequential pressings of ① to ⑨ buttons or **ENT** button.

Note

The Channel Macro function may not work correctly for some components.

To program a series of operations

1 Press the desired component select button.
(You can select "TV", "analog cable box", "digital cable box" "digital satellite receiver" or "digital video recorder" only.)

2 While pressing the desired macro key, press the buttons required for the operations in sequence.
For example, to program ① → ② → **ENT** on the ► button, hold down ► first, press ①, ②, and **ENT** in sequence, and then release ►.

Operating a TV

2 To change the input mode.

3 ④ and ⑤
To change the channel. For example, to change to channel 5, press **0** and **5** (or press **5** and **ENT**).

8 To display the current channel on TV.

14 To operate the Picture-in-Picture function. Press each button or combination of buttons, as described in the table below.

15 **CH+**: Channel up.
CH–: Channel down.

When setting the component code of a TV to "088" or "089" (codes for a Sony TV)

5 To switch between digital broadcast and analog broadcast.

10 **EXIT**
11 **TWIN VIEW**
20 **OPTION**

16 To operate **JUMP**, **FLASHBACK** or **CHANNEL RETURN** function on the TV depending on the setting of the TV's manufacturer.

17 To operate SLEEP function on the TV. (Works only for a TV with an SLEEP function.)

18 To call up the MENU display.

19 To move the cursor upward, downward, to the left, or to the right, or to enter the selection.

PIP operations

Press	To
TWIN VIEW	Turn on/off the "window" picture.
GUIDE	Turn off the "window" picture.
◄◄ or ►►	Change the TV channel in the "window" picture.
●REC	Change the input mode of the "window" picture.
■	Move the location of the "window" picture.
►	Swap the "main" picture and the "window" picture.
II	Freeze the "window" picture.

Remote Button Descriptions

General

1 To set up the Commander, press **SET** while pressing **POWER**.

6 *Volume up: +
Volume down: –

7 *To mute the volume on TV or receiver (amplifier).

11 To turn on and off the power of the selected component.

12 Component select buttons. To switch to the operations of each component, press the button on which that component is assigned.

*These buttons control the volume of either TV or receiver (amplifier). See "Controlling the Volume of Video Components Connected to an Audio System" for details.

Operating a DVR (Digital video recorder)

2 To switch the output of the SAT receiver to the TV.
(When connecting a TV cable or antenna to the receiver, the output switches between a TV and SAT program.)
(*THUMBS+)
To select the desired recorded program.
(It is necessary to have recorded the desired program.)

3 and 13
To change the channel. For example, to change to channel 5, press **0** and **5** (or press **5** and **ENT**).

8 To turn on the display.
(*THUMBS–)
To select the desired recorded program.
(It is necessary to have recorded the desired program.)

9 To bring up Master Guide.
(*Live TV)
To bring up Master Guide.

10 To clear the setting.
To exit the setting menu.

12 (*LIST)
To call up the title of the recorded program.

13 **CH+**: Channel up.
(*PAGE+) Page up.
CH–: Channel down.
(*PAGE–) Page down.

16 (*REPLAY)
To replay.
To go into REC/REVIEW mode during play. (After about 5-second rewind, replay begins.)

18 To call up the MENU display.
(*EPG)
To access to all aspects of the service.

19 To move the cursor upward, downward, to the left, or to the right.

OK: To bring up the Station Index when a program guide is not displayed.
To select the channel that is highlighted.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
●REC: To record, press ●REC while pressing ●REC. First release ●REC. To stop recording, perform the same procedure.
■: To stop.
II: To pause.

Operating a digital cable box

2 To switch the output of the SAT receiver to the TV.
(When connecting a TV cable or antenna to the receiver, the output switches between a TV and SAT program.)

3 and 13
To change the channel
(for example, to change to channel 5, press **0** and **5**, or press **5** and **ENT**).

8 To turn on the display.

9 To call up the title bar and toggle the title bar on/off in CABLE mode.

10 To exit the setting menu.

14 To use the "FAVORITE" function.

15 **CH+**: Channel up.
CH–: Channel down.

16 To turn on the display of a shortcut menu.

18 To call up the MENU display.

19 To move the cursor upward, downward, to the left, or to the right.

OK: To bring up the Station Index when a program guide is not displayed.
To select the channel that is highlighted.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
●REC:
To record, press ●REC while pressing ●REC. First release ●REC, then release ●REC.
To stop recording, perform the same procedure.
■: To stop.
II: To pause.

Operating a digital satellite receiver

2 To switch the output of the digital satellite receiver to the TV. (When you connect a TV cable or antenna to the receiver, the output switches between a TV and SAT program.)

3, 4 and 13
To change the channel. For example, to change to channel 5, press **0** and **5** (or press **5** and **ENT**).

5 To use the "FAVORITE" function.

9 To bring up the Master Guide.

10 To exit the mode.

12 Channel up: +
Channel down: –
To page through the guide when a program guide is displayed.

16 To tune to the last tuned station.

17 To bring up the Station Index.

18 To call up the MENU display.

19 To scroll through the Master Guide.

OK: To select the channel that's highlighted. To bring up the Station Index when a program guide is not displayed.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
■: To stop.
II: To pause.
●REC: To record, press ●REC while pressing ●REC. First release ●REC. To stop recording, perform the same procedure.

Operating a CD player

3 To select the track number. 0 selects track 10. To select track numbers above 10, see the descriptions on the **• (DOT)** button above.

4 To select numbers 10 and above. For example, to select track 15, press **• (DOT)** and then press **5**.

8 To switch the display of the CD player to on/off.

13 To enter the setting.

15 **CH+**: To select the next track.
CH–: To select the previous track.

16 To select next disc.

17 To clear the setting.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
■: To stop.
II: To pause.

Operating an MD deck

3 To select the track number. 0 selects track 10. To select track numbers above 10, see the descriptions on the **• (DOT)** button above.

4 To select numbers 10 and above. For example, to select track 15, press **• (DOT)** and then press **5**.

8 To show the current play status on the screen.

9 To clear the selected characters from the screen.

13 To enter the setting. To set the options selected from the screen.

15 **CH+**: To proceed to the next location or song.
Channel up.
CH–: To proceed to the previous location or song. Channel down.

16 To select next disc.

17 To clear the setting.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
■: To stop.
II: To pause.
●REC: To record, press ●REC while pressing ●REC. First release ●REC, then release ●REC.

Operating a DVD

2 To change the sound.

3 Number buttons : To set items selected from the screen.

4 To select numbers 10 and above. For example, to select track 15, press **• (DOT)** and press **5**.

8 To show the current play status on the screen.

9 To clear the selected characters from the screen.

13 To enter the setting. To set the options selected from the screen.

15 **CH+**: To proceed to the next section or song.
Channel up.
CH–: To proceed to the previous section or song. Channel down.

16 To display the title menu.

17 To switch the subtitle.

18 To display the DVD menu.

19 To move the cursor upward, downward, to the left, or to the right.

OK: To execute items selected from the screen.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
■: To stop.
II: To pause.
●REC: To record, press ●REC while pressing ●REC. First release ●REC, then release ●REC.

Operating a tape deck

4, and 21
Tape operation buttons.
For dual cassette decks, operation buttons for Deck A (for Sony-brand dual cassette decks, buttons for Deck B).
ENT: To reverse.
►: To play.
◄◄: To rewind.
►►: To fast-forward.
■: To stop.
II: To pause.

Operating a receiver/amplifier

2 To switch input source by each pressing.

3 To select the input source:
1 selects VIDEO 1
2 selects VIDEO 2
3 selects AUX
4 selects TUNER
5 selects CD
6 selects TAPE
7 selects MD
8 selects TV
9 selects PHONO
0 selects DVD

13 Presetting frequency up: +, down: –
Tuning frequency up: +, down: –

16 To shift band (FM/AM).

21 Work as ►, ►►, ◄◄, ■, **II** buttons of the CD player.
(When a CD player is set up on the **CD** button.)

DAV (DVD/Receiver combo)

2 To change the input mode.

3 Number buttons: To set items selected on the screen.

4 To select numbers 10 and above.

8 To show the current play status on the screen.

9 To change the sound.

13 To enter the setting.

15 **CH+**: To proceed to the previous location or song.
CH–: To proceed to the next location or song.

16 To display the Top Menu.

17 To switch the subtitle.

18 To call up the MENU.

19 To move the cursor upward, downward, to the left, or to the right.

OK: To enter the selection of the MENU display.

21 ►: To play.
◄◄: To rewind.
►►: To fast-forward.
●REC*: To record.
■: To stop.
II: To pause.

* To avoid accidental recording, the REC key does not work unless pressed for more than 1 second (factory setting).

Specifications

Operable distance	Approx. 7 m (23 ft) (varies depending of the component of each manufacturer)
Power requirements	Two size AA (R6) batteries (not supplied)
Battery life	Approx. 1 year (varies depending on frequency of button use - up to approx. 300 times per day.)
Dimensions	Approx. 53 × 220 × 29 mm (w/h/d) (2 7/8 × 8 7/8 × 1 1/8 in.)
Mass	Approx. 132 g (4.6 oz.) (not including batteries)

Design and specifications are subject to change without notice.

CE The CE mark on the unit is valid only for products marketed in the European Union.

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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, utiliza, y puede radiar energía de radiofrecuencia y, si no se instala y utiliza de acuerdo con las instrucciones, puede causar 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 causa interferencias perjudiciales, lo que podrá determinarse desconectando y volviendo a conectar su alimentación, se ruega que el usuario corrija las interferencias tomando una o más de las medidas siguientes:

- Reorientación o reubicación de la antena receptora.
- Aumento de la separación entre el equipo y el receptor.
- Conexión del equipo a un tomacorriente perteneciente 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 no expresamente aprobado en este manual puede anular su autoridad para utilizar este equipo.

Preparación del telemando

Sobre el preajuste del telemando

El telemando ha sido preajustado en fábrica para gobernar componentes de marca Sony.
Si va a utilizar el telemando con componentes Sony, no necesitará preajustarlo antes de comenzar a utilizarlo.
Para ajustar el telemando a fin de utilizarlo con componentes de otros fabricantes (no Sony), o para usarlo con un componente que no haya sido preajustado en fábrica, tendrá que seguir las instrucciones de este manual para preajustar el telemando con los números de código correctos para sus componentes. (Consulte también los "Números de código de componentes" suministrados.)

Componente a programar	Tecla	Ajuste de fábrica
Televisor	**TV**	Televisor Sony
Videograbadora (VCR)/ Decodificador de cable analógico/Decodificador de cable digital/Sintonizador de recepción vía satélite digital/ Receptor/Reproductor de discos compactos/Deck de cassettes/ Deck de minidiscos/DVD/ Televisor/VCR/ Videograbadora digital/DAV (DVD/receptor combo)	**VCR**	Videograbadora VHS Sony
	CBL	Decodificador analógico
	AMP	Receptor Sony
	CD	Reproductor de discos compactos Sony
	SAT	Sintonizador de recepción vía satélite digital Sony
	DVD	Reproductor de discos DVD SONY

Notas

- El telemando solamente podrá programarse para controlar a la vez un componente por tecla, a menos que sus números de código sean iguales. Por ejemplo, usted no podrá programar el telemando para controlar un televisor Sony y otro Panasonic simultáneamente (porque sus números de código son diferentes).
- Quizás no pueda gobernar un componente Sony con el preajuste de fábrica. En tal caso,. realice el procedimiento de "Programación del código."

Colocación de las pilas

Antes de reemplazar las pilas, tenga unas nuevas preparadas.

Deslice y abra el compartimiento de las pilas, e inserte dos pilas de tamaño AA (R6) (no suministradas).
Cerciórese de alinear + y – de las pilas con + y – del compartimiento de las mismas.

Cuándo reemplazar las pilas

En condiciones normales, las pilas durarán hasta seis meses. Si el telemando no funciona adecuadamente, es posible que las pilas estén agotadas. Reemplace las pilas por otras nuevas.

Notas

- Reemplace ambas pilas por otras nuevas.
- Si transcurre más de 20 minutos en reemplazar las pilas, porque de lo contrario su ajuste de números de código se borrará.

Notas sobre las pilas

- No mezcle una pila nueva con otra vieja, ni dos de tipos diferentes.
- Si se fuga el electrólito de las pilas, limpie la parte contaminada del compartimiento de las pilas con un paño y reemplace las pilas viejas por otras nuevas. Para evitar la fuga del electrólito, extraiga las pilas cuando no vaya a utilizar el telemando durante mucho tiempo.

Programación del código

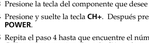
Realice los pasos 1 y 2 siguientes para cada componente que planee utilizar con el telemando.

Paso 1: Introducción del número de código

1 Consulte los "Números de código de componentes" suministrados, y busque el número de código de tres cifras para el componente deseado.
Si hay más de un número de código en la lista, utilice el primero de ellos para completar los pasos siguientes.
Por ejemplo, para una videograbadora Philips, utilice el número de código 035.
Si su componente no está en la lista, consulte "Búsqueda del código correcto."

2 Al tiempo que mantiene presionado el botón **SET**, presione el botón **POWER**.

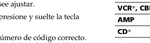
3 Presione la tecla del componente que desea ajustar.



Nota

En los botones **VCR**, **CBL**, **SAT**, **AMP**, **CD** y **DVD**, se asignaron respectivamente los ajustes de fábrica "videograbadora", "decodificador analógico", "sintonizador de recepción vía satélite digital", "receptor", "reproductor de discos compactos" y "reproductor de discos DVD". Asimismo, es posible asignar otros componentes a estos botones. Para obtener más información, consulte: "Cambio del tipo de componente de los botones **VCR**, **CBL**, **SAT**, **AMP**, **CD** y **DVD**".

4 Introduzca el número de código del componente. Por ejemplo, para introducir el código para una videograbadora Philips, presione ⓪③⑤.



Su número de código

5 Presione la tecla **ENT** para almacenar el número de código en la memoria del telemando.

6 Para finalizar la programación, vaya al "Paso 2: Comprobación del funcionamiento de un número de código."

Paso 2: Comprobación del funcionamiento de un número de código

1 Conecte la alimentación del componente que desee ajustar.

2 Apunte con el telemando hacia el componente y presione una tecla para comprobar el ajuste.
Por ejemplo, presione la tecla **POWER** para ver si trabaja en su componente.

3 Compruebe si las otras teclas del telemando controlan las funciones correspondientes del componente.

Usted podrá escribir el número de código en la etiqueta del interior de la tapa del compartimiento de la batería.

Si el telemando parece que no trabaja...

- En primer lugar, repita estos procedimientos de programación utilizando los otros códigos de la lista para su componente (consulte las tablas de "Números de código de componentes").
- Si, después de haber probado todos los códigos de la lista para su componente, el telemando sigue sin trabajar adecuadamente, consulte "Búsqueda del código correcto."

Búsqueda del código correcto

Si ha intentado todos lo números de código de la lista para su componente y el telemando sigue sin trabajar (o si sus componentes no están indicados en las tablas de "Números de código de componentes"), pruebe estos puntos:

1 Conecte la alimentación del componente que desee ajustar. Si es necesario, inserte un casete o un disco.

2 Al tiempo que mantiene presionado el botón **SET**, presione el botón **POWER**.

3 Presione la tecla del componente que desee ajustar.

4 Presione y suelte la tecla **CH+**. Después presione y suelte la tecla **POWER**.

5 Repita el paso 4 hasta que encuentre el número de código correcto. Cada vez que presione la tecla **CH+**, después la tecla **POWER**, se transmitirá un nuevo número de código.
Continúe intentando hasta que su componente funcione al recibir la señal transmitida desde el telemando (p. ej., se desconecta la alimentación, la función de CH+ trabaja, se inicia la reproducción, etc.). Tenga presente que, en ocasiones, es posible que tenga que realizar 100 intentos hasta encontrar el número de código correcto.

6 Cuando encuentre el código correcto, presione la tecla **ENT** para almacenar el número de código en la memoria del telemando.

7 Compruebe si el telemando controla otras funciones de su componente presionando las teclas correspondientes de dicho telemando. Si parece trabajar correctamente, habrá finalizado el preajuste del telemando.

Si el componente no funciona correctamente, repita los pasos 1 a 6 y busque otro código.

Si el telemando sigue sin trabajar adecuadamente, consulte "Solución de problemas."

Cambio del tipo de componente de los botones VCR, CBL, SAT, AMP, CD y DVD

De fábrica, "videograbadora" se asigna al botón **VCR**, "sintonizador de recepción vía satélite digital" al botón **SAT**, "decodificador analógico" al botón **CBL**, "receptor" al botón **AMP**, "reproductor de discos compactos" al botón **CD** y "reproductor de discos DVD" al botón **DVD**. Al realizar el procedimiento siguiente, es posible cambiar este ajuste de forma que pueda ajustar cualquier componente con estos botones.

1 Al tiempo que mantiene presionado el botón **SET**, presione el botón **POWER**.

2 Presione la tecla **VCR**, **CBL**, **SAT**, **AMP**, **CD**, o **DVD**.

3 Presione y suelte la tecla ■ (parada).

4 Presione y suelte una de las teclas siguientes;
① para asignar una videograbadora
② para asignar un DVD (DVD/receptor combo)
③ para para asignar un sintonizador de recepción vía satélite digital; adaptador para cable digital, o una videocámara digital
④ para asignar un receptor
⑤ para asignar un reproductor de discos compactos
⑥ para asignar un deck de cassettes
⑦ para asignar un deck de minidiscos
⑧ para asignar un televisor
⑨ para asignar un adaptador para cable analógico
⑩ para asignar un DVD

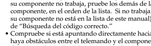
5 Presione y suelte la tecla **ENT**.

6 Introduzca el número de código del componente siguiendo los pasos 2 a 6 de "Introducción del número de código", o los pasos 1 a 7 de "Búsqueda del código correcto."

Control de un componente

1 Presione la tecla correspondiente al componente deseado del telemando.

2 Apunte con el telemando directamente hacia el componente.



3 Presione la tecla correspondiente a la función que desee utilizar.

Con respecto a la descripción completa de las teclas del telemando, consulte "Descripción de las teclas del telemando."

Notas sobre la utilización del telemando

Básicamente, utilice este telemando de la misma forma que el suministrado con sus componentes.

- La utilización de este telemando no aumentará las funciones de sus componentes. Las funciones del telemando estarán limitadas a las de los propios componentes. Por ejemplo, si su televisor no posee función de silenciamiento (MUTING), la tecla **MUTING** de este telemando no trabajará con su televisor.
- Algunas funciones del telemando quizás no trabajar con este telemando.
- Si su adaptador para cablevisión puede controlar el volumen, cerciórese de ajustar su selector de volumen a una posición intermedia. Si redujese completamente el volumen del adaptador para cablevisión, no podría ajustar el volumen de su televisor con el telemando.

Programación de un canal en una sola tecla (Función de macro de canal)

Usted podrá programar la función de macro de canal en una de las teclas indicadas a continuación (teclas de macro).
Por ejemplo, en vez de presionar las teclas ⓪ ① ② y después presionar la tecla **ENT** para cambiar el canal de televisión, podrá realizar estas funciones presionando solamente la tecla ▶.

Las teclas de macro son:
▶, ◀◀, ▶▶, ■, II, ↑, y **●REC**.
(Durante las operaciones de televisión, adaptador para cable analógico, adaptador para cable digital, sintonizador de recepción vía satélite digital, o videocámara digital solamente.)

La serie de operaciones que podrá programarse deberá comprenderse de dos a cuatro presiones secuenciales de teclas ⓪ a ⑨, o de la tecla **ENT**.

Nota

La función de macro de canal puede no trabajar correctamente con algunos componentes.

Para programar una serie de operaciones

1 Presione la tecla selectora correspondiente al componente deseado.
(Usted solamente podrá seleccionar "televisión", "adaptador para cable analógico", "adaptador para cable digital", "sintonizador de recepción vía satélite digital", o "videocámara digital".)

2 Manteniendo pulsada la tecla de macro deseada, presione secuencialmente las teclas requeridas para la operación. Por ejemplo, para programar ⓪ → ⑨ → **ENT** en la tecla ▶, mantenga pulsada ▶, después presione secuencialmente ⓪, ⑨, y **ENT**, y por último suelte ▶.

Notas

- Si está utilizando más de un receptor (o amplificador) y lo ha programado en la tecla **VCR**, **CBL**, **SAT**, **CD** o **DVD**, cuando seleccione estas teclas, no podrá controlar el volumen del receptor (o amplificador) de la tecla **AMP**.
- Si cambia el ajuste de la tecla **AMP** a un componente que no sea un receptor o amplificador, el ajuste del control de volumen de los componentes de video volverá a "TV" incluso aunque haya cambiado el control de volumen ajustado en fábrica. En este caso, no podrá controlar el volumen desde componentes de audio que no sean un receptor o un amplificador.

Para reponer el control de volumen al ajuste de fábrica

En el paso 3 anterior, presione en su lugar **VOL–**.

Control de los componentes de video conectados a un sistema de audio

El mando a distancia ha sido programado en fábrica suponiendo que usted va a escuchar el sonido de sus componentes de video a través de los altavoces de su televisor, y el sonido de sus componentes de audio a través de los altavoces conectados a su receptor (o amplificador).

Ajuste de fábrica:

Tecla	Controla el volumen del
TV	Televisor
VCR*, **CBL***, **SAT***, **DVD***	Televisor
AMP	Receptor (o amplificador)
CD*	Receptor (o amplificador) en la tecla **AMP**

* Si ha asignado componentes de audio a la tecla **VCR**, **CBL**, **SAT**, **CD** o **DVD**, podrá controlar el volumen del receptor (o del amplificador) con la tecla **AMP**. Si ha asignado componentes de video a estas teclas, podrá controlar el volumen del televisor.

De esta forma, usted podrá controlar el volumen de su televisor o receptor (o amplificador) mientras utilice un componente de video o de audio sin tener que presionar primero la tecla **TV** o **AMP**. Por ejemplo, para controlar el volumen de los canales de su videograbadora, no necesitará presionar en primer lugar la tecla **TV**. Sin embargo, si sus componentes de video están conectados a un sistema de audio, probablemente escuchará el sonido de su televisor o de su videograbadora a través de los altavoces conectados a su receptor (o amplificador), no a través de los altavoces de su televisor. En este caso, tendrá que cambiar el ajuste de fábrica a fin de poder controlar el volumen de sus componentes de video sin tener que cambiar primero el receptor (o amplificador).
Para cambiar el ajuste de fábrica para controlar el volumen, realice los procedimientos siguientes.

Nota

Esta función solamente trabajará cuando haya programado un receptor (o amplificador) en la tecla **AMP**. Usted no podrá controlar el volumen de un receptor (o amplificador) programado en la tecla **VCR**, **CBL**, **SAT**, **CD** ni **DVD** mientras utilice otro componente en otra tecla distinta.

Cambio del ajuste de fábrica para el control de volumen

1 Al tiempo que mantiene presionado el botón **SET**, presione el botón **POWER**.

2 Presione el botón **AMP**.

3 Presione la tecla **VOL+**.

4 Presione la tecla **CH+**.

El ajuste del control de volumen cambiará a "receptor/amplificador." Usted podrá controlar el volumen del receptor (o amplificador) de la tecla **AMP** aunque haya seleccionado cualquier otro componente.

Notas

- Usted podrá programar la función de macro de canal en una de las teclas selectoras (**TV**, **VCR**, **SAT**, **CD** o **DVD**), cuando seleccione estas teclas, no podrá controlar el volumen del receptor (o amplificador) de la tecla **AMP**.
- Si cambia el ajuste de la tecla **AMP** a un componente que no sea un receptor o amplificador, el ajuste del control de volumen de los componentes como televisión volverá a "TV" incluso aunque haya cambiado el control de volumen ajustado en fábrica. En este caso, no podrá controlar el volumen desde componentes de audio que no sean un receptor o un amplificador.

Para reponer el control de volumen al ajuste de fábrica

En el paso 3 anterior, presione en su lugar **VOL–**.

Control de un componente

1 Presione la tecla correspondiente al componente deseado del telemando.

2 Apunte con el telemando directamente hacia el componente.

3 Presione la tecla correspondiente a la función que desee utilizar.

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Básicamente, utilice este telemando de la misma forma que el suministrado con sus componentes.

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- Algunas funciones del telemando quizás no trabajar con este telemando.
- Si su adaptador para cablevisión puede controlar el volumen, cerciórese de ajustar su selector de volumen a una posición intermedia. Si redujese completamente el volumen del adaptador para cablevisión, no podría ajustar el volumen de su televisor con el telemando.

Para los clientes de EE.UU.

Información para ayuda a los clientes

Si después de haber leído este manual, el telemando sigue sin funcionar adecuadamente, llame a Customer Support Helpline, 1-800-822-2237.

Descripción de las teclas del telemando

Free Manuals Download Website

http://myh66.com

http://usermanuals.us

http://www.somanuals.com

http://www.4manuals.cc

http://www.manual-lib.com

http://www.404manual.com

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