

Checking what's in the box

Please check that you've received the following supplied accessories:

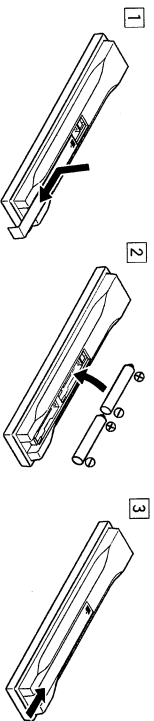
- Setup microphone (cable: 5 m (16.4 ft.))
- Remote control unit
- AAA size IEC R03 dry cell batteries (to confirm system operation) x2
- AM loop antenna
- FM wire antenna
- iPod cable
- Power cord
- CD-ROM
- Quick start guide
- Safety Brochure
- Warranty sheet

Installing the receiver

- When installing this unit, make sure to put it on a level and stable surface.
- Don't install it on the following places:
 - on a color TV (the screen may distort)
 - near a cassette deck (or close to a device that gives off a magnetic field). This may interfere with the sound.
 - in direct sunlight
 - in damp or wet areas
 - in extremely hot or cold areas
 - in places where there is vibration or other movement
 - in places that are very dusty
 - in places that have hot fumes or oils (such as a kitchen)
- Do not touch this receiver's bottom panel while the power is on or just after it is turned off. The bottom panel becomes hot when the power is on (or right after it is turned off) and could cause burns.

Loading the batteries

The batteries included with the unit are to check initial operations; they may not last over a long period. We recommend using alkaline batteries that have a longer life.

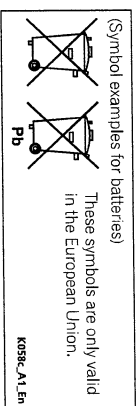


⚠ WARNING

- Do not use or store batteries in direct sunlight or other excessively hot place, such as inside a car or near a heater. This can cause batteries to leak, overheat, explode or catch fire. It can also reduce the life or performance of batteries.

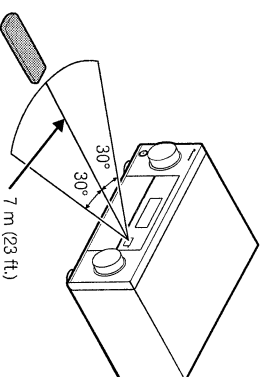
⚠ CAUTION

- Incorrect use of batteries may result in such hazards as leakage and bursting. Observe the following precautions:
- Never use new and old batteries together.
- Insert the plus and minus sides of the batteries properly according to the marks in the battery case.
- Batteries with the same shape may have different voltages. Do not use different batteries together.
- When disposing of used batteries, please comply with governmental regulations or environmental public institution's rules that apply in your country/area.



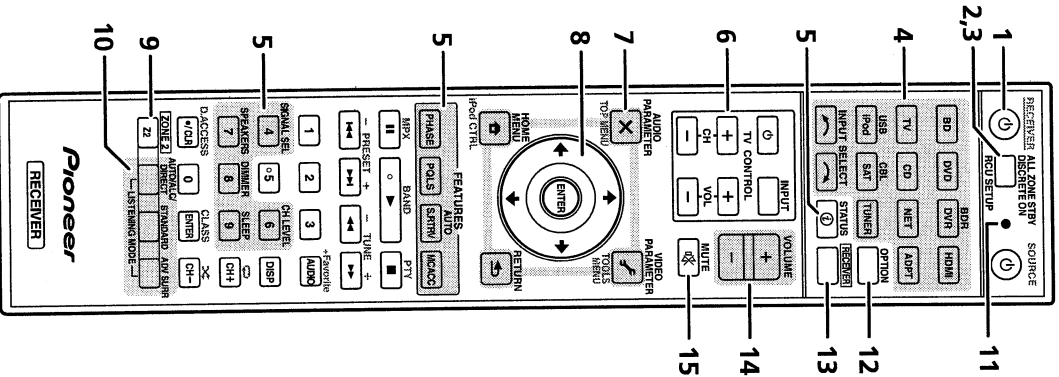
Operating range of remote control unit

- The remote control may not work properly if:
 - There are obstacles between the remote control and the receiver's remote sensor.
 - Direct sunlight or fluorescent light is shining onto the remote sensor.
 - The receiver is located near a device that is emitting infrared rays.
 - The receiver is operated simultaneously with another infrared remote control unit.



Remote control

This section explains how to operate the remote control for the receiver.



The remote has been conveniently color-coded according to component control using the following system:

- **White** – Receiver control, TV control
- **Blue** – Other controls (See pages 40, 41, 42, 43 and 70.)

1 RECEIVER

This switches between standby and on for this receiver.

2 ALL ZONE STBY DISCRETE ON

Use this button to perform unique operations (page 63).

3 RCU SETUP

Use to input the preset code when making remote control settings and to set the remote control mode (page 67).

4 Input function buttons

Press to select control of other components (page 67).

Use **INPUT SELECT** ←/→ to select the input function (page 69).

5 Receiver Control buttons

Press **RECEIVER** first to access:

- **STATUS** – Press to check selected receiver settings (page 64).
- **PHASE** – Press to switch on/off Phase Control (page 48).
- **PQLS** – Press to select the PQLS setting (page 67).
- **AUTO S.RTRV** – Press to restore CD quality sound to compressed audio sources (page 59).
- **MCACC** – Press to switch between MCACC presets (page 47).
- **SIGNAL SEL** – Use to select an input signal (page 47).
- **CH LEVEL** – Press repeatedly to select a channel, then use ←/→ to adjust the level (page 62).
- **SPEAKERS** – Use to change the speaker terminal (page 63).
- **DIMMER** – Dims or brightens the display (page 64).
- **SLEEP** – Use to put the receiver in sleep mode and select the amount of time before sleep (page 64).

6 TV CONTROL buttons

These buttons can be used to perform operations on the TV to which the **TV CONTROL INPUT** button is assigned.

The TV can be operated with these buttons regardless of the input set for the remote control's operation mode (page 67).

7 Receiver setting buttons

Press **RECEIVER** first to access:

- **AUDIO PARAMETER** – Use to access the Audio options (page 58).
- **VIDEO PARAMETER** – Use to access the Video options (page 61).
- **HOME MENU** – Use to access the Home Menu (pages 34, 35, 56, 73 and 81).
- **RETURN** – Press to confirm and exit the current menu screen.

8 ↑/↓/←/→/ENTER

Use the arrow buttons when setting up your surround sound system (see page 73) and the Audio or Video options (page 64 or 61).

9 ZONE 2

Switch to perform operations in **ZONE 2** (page 63).

10 LISTENING MODE controls

- **AUTO/ALC/DIRECT** – Switches between Auto Surround (page 40), Auto Level Control mode and Stream Direct mode (page 47).
- **STANDARD** – Press for Standard decoding and to switch various modes (**DD** Pro Logic, Neo:6, etc.) (page 40).
- **ADV SURR** – Use to switch between the various surround modes (page 40).

11 Remote control LED

Lights when a command is sent from the remote control.

12 OPTION

The preset codes of desired devices can be registered in the remote control and button operations can be registered using the learning mode.

13 RECEIVER

Switches the remote to control the receiver (used to select the white commands).
Switch to perform operations in the main zone.
Also use this button to set up surround sound.

14 VOLUME +/-

Use to set the listening volume.

15 MUTE

Mutes the sound or restores the sound if it has been muted (adjusting the volume also restores the sound).



About the Remote Setup menu

The Remote Setup mode is set by pressing the number button while pressing **RCU SETUP**. The different items on the Remote Setup menu are described below. For their setting procedures, refer to the explanations for the respective items.

Setting

What it does

Presets codes can be set for the various input functions. The remote control codes of a number of other devices (including products of other brands) are preset in the remote control to allow these devices to be operated. See [Selecting preset codes directly](#) on [page 52](#).

If the desired operations cannot be performed even though you have set the preset codes, the remote control signals of other devices can be learned directly. See [Programming signals from other remote controls](#) on [page 55](#).

Direct function

This is a setting for changing only the remote control unit's operation screen, without changing the receiver's input, when the remote control unit's input function buttons are pressed. This is convenient for using the remote control unit for devices not connected to the receiver. See [Direct function](#) on [page 53](#).

Erase learning

This function is used to erase remote control codes that have been learned. Codes learned for the different input functions can be erased individually. See [Erasing one of the remote control button settings](#) on [page 53](#).

Reset function

This is a function for resetting preset codes that have been set. Key resetting can be done for individual input functions. See [Erasing all preset settings that are in one input function](#) on [page 53](#).

All reset

This is a function for resetting all remote control unit settings you have made to the defaults set upon shipment from the factory. See [Resetting the remote control settings](#) on [page 53](#).

Change RC mode

If you have multiple Pioneer receivers, amplifiers, etc., this setting can be used to prevent other units from operating simultaneously when the remote control unit is operated. See [Changing multiple receivers](#) on [page 57](#).



Note

- You can cancel or exit any of the steps by pressing **RCU SETUP**.
- After one minute of inactivity, the remote automatically exits the operation.

Operating multiple receivers

Up to four receivers can be operated discretely using this receiver's remote control when using multiple receivers, provided they are of the same model as this receiver. The receiver to be operated is switched by inputting the preset code to set the remote control setting.

- Set the remote modes on the receivers before using this function (see [Remote Control Mode Setup](#) on [page 52](#)).
- 1 Press and hold RCU SETUP, then press '4' for three seconds.**
Release the button after the LED flashes once. The LED continues to flash.
 - To cancel the preset setup mode press **RCU SETUP**.
- 2 Press the number button for the receiver ("Receiver 1" to "Receiver 4") you wish to operate.**

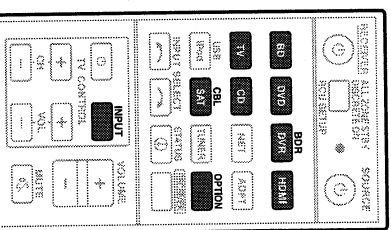
For example, to operate "Receiver 2", press '2'. If the LED lights for one second and continues to flash, the setting has been successfully completed. When the preset code is input, the LED flashes three times to indicate that the setting has failed.

Setting the remote to control other components

Most components can be assigned to one of the input function buttons (such as **DVD** or **CD**) using the component's manufacturer preset code stored in the remote.

However, there are cases where only certain functions may be controllable after assigning the proper preset code, or the codes for the manufacturer in the remote control will not work for the model that you are using. If you can't find a preset code that matches the component you want to control, you can still teach the remote individual commands from another remote control (see [Programming signals from other remote controls](#) on [page 55](#)).

- With the **TV CONTROL** buttons, the TV can be operated regardless of the input set for the remote control's operation mode. When using one TV set, we recommend assigning the same TV's preset codes to the **TV CONTROL INPUT** button and the **TV** button. When using two TV sets, for better convenience assign the **TV CONTROL INPUT** button and the **MONITOR OUT** terminals to the **TV CONTROL INPUT** button, the other TV to the **TV** button. Devices may be assigned to the following input function buttons.



Selecting preset codes directly

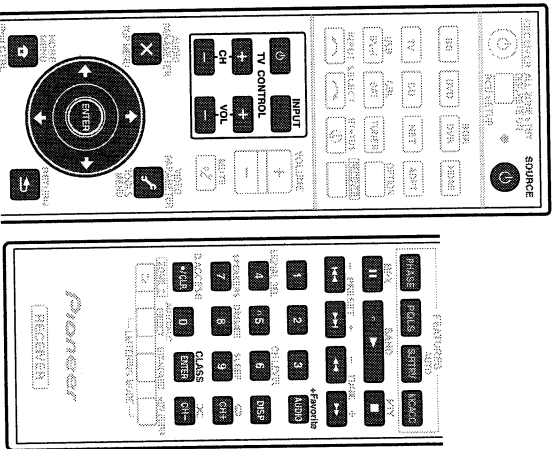
- 1 Press and hold RCU SETUP, then press '1' for three seconds.**
Release the button after the LED flashes once. The LED continues to flash.
 - To cancel the preset setup mode press **RCU SETUP**.
- 2 Press the input function button for the component you want to control.**
To assign the preset codes of the TV to be operated with the **TV CONTROL INPUT** button, press the **TV CONTROL INPUT** button. The LED blinks once and flashes continuously.
- 3 Use the number buttons to enter the 4-digit preset code.**
See [Preset code list](#) on [page 106](#). If the LED lights for one second and continues to flash, the setting has been successfully completed. When the preset code is fully input, the LED flashes three times to indicate that the setting has failed. If this happens, enter the 4-digit preset code again.

- 4 Repeat steps 2 through 3 for the other components you want to control. To try out the remote control, switch the component on or off (into standby) by pressing **SOURCE**. If it doesn't seem to work, select the next code from the list (if there is one).
- 5 Press **RCU SETUP** to exit the preset setup mode.

Programming signals from other remote controls

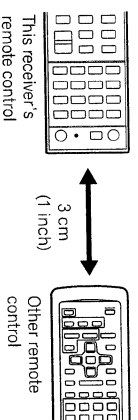
If the preset code for your component is not available, or the available preset codes do not operate correctly, you can program signals from the remote control of another component. This can also be used to program additional operations (buttons not covered in the presets) after assigning a preset code. The remote can store about 120 preset codes from other components (this has been tested with codes of Pioneer format only).

Certain buttons represent operations that cannot be learned from other remote controls. The buttons available are shown below:



- 1 Press and hold **RCU SETUP**, then press **2** for three seconds. Release the button after the LED flashes once. The LED continues to flash.
 - To "learn" codes at the **TV CONTROL** buttons, proceed to step 3.
 - To cancel the preset setup mode press **RCU SETUP**.
- 2 Press the **input function button** for the component you want to control. The LED blinks once and flashes continuously.
- 3 Point the two remote controls towards each other, then press the button that will be doing the learning on this receiver's remote control. The LED flashes once, then stops flashing, remaining lit.

- The remote controls should be 3 cm (1 inch) apart.



- 4 Press the corresponding button on the other remote control that is sending (teaching) the signal to this receiver's remote control.
 - If the LED lights for one second and continues to flash, the setting has been successfully completed.
 - If the LED flashes for five seconds, it means the memory is full. See Erasing all learned settings that are in one input function on page 68 to erase a programmed button you're not using to free up more memory (note that some signals may take more memory than others).
 - Note that interference from TVs or other devices will sometimes result in the remote control learning the wrong signal.
 - Some commands from other remote controls cannot be learned, but in most cases the remotes just need to be moved closer together or farther apart.
- 5 To program additional signals for the current component repeat steps 3 and 4.
- 6 Press **RCU SETUP** to exit the programming mode.

Erasing one of the remote control button settings

This erases one of the buttons you have programmed and restores the button to the factory default.

- 1 Press and hold **RCU SETUP**, then press **7** for three seconds. Release the button after the LED flashes once. The LED continues to flash.
 - To erase operations registered at the **TV CONTROL** buttons, proceed to step 3.
 - To cancel the preset setup mode press **RCU SETUP**.
- 2 Press the **input function button** corresponding to the command to be erased. The LED flashes once.
- 3 Press and hold the button to be erased for three seconds. If the LED lights for one second, the erasing has been successfully completed.
- 4 Repeat step 3 to erase other buttons.
- 5 Press **RCU SETUP** to exit the erasing mode.