

18 AUDIO IN/OUT (CD, TAPE, CD-R, TV, DVD, VCR1, DSS/VCR2)

These are the analog audio inputs and outputs. There are 7 audio inputs (4 of which are linked to video inputs) and 4 audio outputs (2 of which are linked to video outputs). The audio jacks are nominally labeled for cassette tape decks, compact disc players, DVD players and etc.... The audio inputs and outputs require RCA-type connectors.

19 DIGITAL INPUT (Dig.1 - 6) / OUTPUT (coaxial, optical)

These are the digital audio inputs and outputs. There are 3 digital inputs with coaxial jacks, 3 with optical jacks.

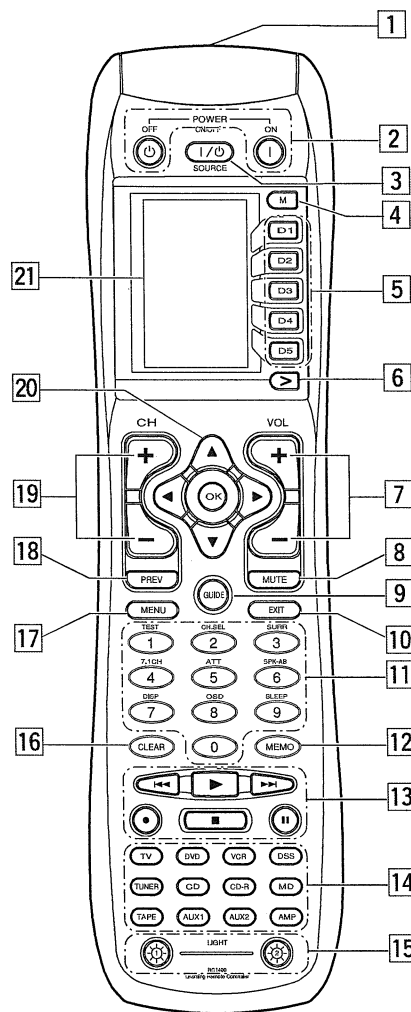
The inputs accept digital audio signals from a compact disc, LD, DVD, or other digital source component.

For digital output, there is 1 coaxial output and 1 optical output.

The digital outputs can be connected to MD recorders, CD recorders, DAT decks, or other similar components.

REMOTE CONTROLLER RC1400

NAMES AND FUNCTIONS



1 Infrared Transmitter and Learning Sensor

This transmitter emits infrared light. Press the buttons while pointing the transmitter towards the infrared receiver window of the SR7400 or other AV equipment. Be sure to also point towards other remote controls when using the learning function.

2 POWER ON and OFF buttons

(When AMP mode is selected)

These buttons are used to turn the SR7400 on or off.

3 SOURCE ON/OFF button

This button is used to turn a specific source (such as a DVD player) on or off independently from the rest of the system.

4 M (Mode) button

This button is used to program Macros. Pressing this button switches between Normal mode and Macro mode.

The > button is used to move to the next page. Up to 20 programs (4 pages) can be made. Holding down the M button for three seconds or more switches to the Setup mode, where the Setup menu is shown on the LCD. The Setup menu has four pages, and the > button is used to move to the next page. Pressing the > button from page 4 returns you to page 1.

5 D1 to D5 (Direct) buttons

Five types of direct operations can be performed for each of the 12 source buttons such as the DVD, television, amplifier, and other AV equipment. The pages can be switched, so 4 pages x 5 types = 20 operations can be performed for a single source. The text display can also be changed.

6 > (Page) button

This button is used to switch pages for the Direct button. The current page is shown on the LCD.

7 VOL (Volume) button

This button is used to adjust the volume for the amplifier and television.

Note:

- Set the AMP mode to use this button with the SR7400.

[8] MUTE button

This button is used to mute the audio for the SR7400 and television.

Note:

- Set the AMP mode to use this button with the SR7400.

[9] GUIDE button

This button is used to display the menus for the DVD player, DSS (satellite broadcasting tuner), or other AV equipment.

[10] EXIT button

(when AMP mode is selected)

This button is used to cancel settings in the setup menu.

[11] Numeric buttons

These buttons are used to switch between 0 to 9 of the source components. If the source is set to the amplifier, these buttons are used to perform operations.

(when AMP mode is selected)

(1) TEST button

Used to enter the test tone menu.

(2) CH SEL. (channel select) button

Used to call up SETUP MAIN MENU and adjust speaker levels or 7.1 ch input level.

(3) SURR (surround) button

Used to select the surround mode.

(4) 7.1CH IN button

Press this button to select the output of an external multi channel decoder.

(5) ATT button

When the input signal is too high and the voice distorts even by throttling the SR7400 VOLUME control, turn on this function. "ATT" is indicated when this function is activated.

The input level is reduced. Attenuator is invalid for use with the output signal of "REC OUT".

Note:

- This function is unavailable during the digital input is selected.

(6) SPK-AB button

Speaker mode is switched in the following sequence.

A → B → A+B → off

(7) DISP. button

Selects the display mode for the front display of the SR7400.

(8) OSD button

When this button is pressed, the current setting are displayed on the TV monitor.

(9) SLEEP (sleep timer) button

This button is used for setting the sleep timer. It can be operated the same way as the button in unit.

[12] MEMO button

This button is used to store settings to memory or program a source.

[13] CONTROL button

Thses buttons are used when operating the PLAY, STOP, PAUSE, and other commands of a source.

Note:

- This button is unavailable for the SR7400.

[14] SOURCE button

Thses buttons are used to switch the source of your A/V Receiver / amplifier. Each time a source button is pressed, the remote control changes to the source which was pressed.

This remote control can control 12 types of equipment. To change the A/V Receiver / amplifier source, press this button twice within two seconds. The signal is sent when it is pressed the second time.

Note:

- Select the AMP as the source to use this remote control with the SR7400.

[15] LIGHT 1 and 2 buttons

Pressing these buttons will light up the LCD and its buttons. This lighting time can be set. If the lighting time is set to 0 seconds, the backlight turns on only while this button is pressed. The operations for LIGHT 1 and 2 are identical.

[16] CLEAR button

This button is used to erase the memory or program of a source.

[17] MENU button

(when AMP mode is selected)

This button is used to call up the SETUP MAIN MENU of the SR7400.

[18] PREV (Previous) button

This button is used to return to the previous channel on the television or other device.

Note:

- This button is unavailable for SR7400.

[19] CH (Channel) button

This is used to change channels.

[20] CURSOR buttons

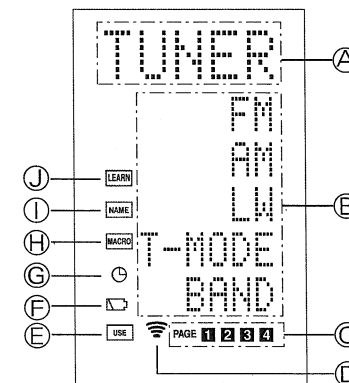
These buttons are used when controlling the cursor of the SR7400, DVD, or other AV equipment.

[21] LCD

Information about the sources and modes are shown on the LCD.

LCD INDICATORS

Information about currently selected source and direct code names are displayed on the LCD.



A Source Name indicator

This displays the name of the selected source, such as DVD, television, or other AV equipment (up to five characters).

B Direct Button Name indicator

This displays up to 20 types of button names for each source. (up to six characters)

C Page indicator

This displays the current page position.

D Transmission indicator

This lights up when the remote control is sending a signal.

E USE indicator

This is displayed under normal operation.

F Battery Level indicator

This is displayed when the battery level is low.

G TIMER indicator

This is displayed when the macro timer is set.

H MACRO indicator

This is displayed when the remote control is in macro programming mode.

① NAME indicator

This is displayed when the remote control is in renaming mode.

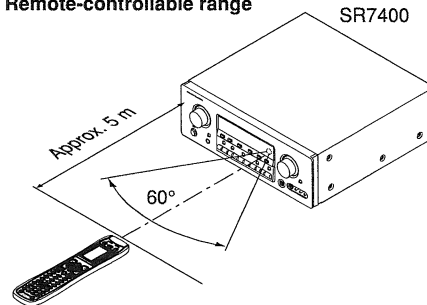
② LEARN indicator

This is displayed when the remote control is in learning mode.

REMOTE CONTROL RANGE

The distance between the transmitter of the remote control and the IR SENSOR of the SR7400 should be less than 5 meters. If the remote control is pointed in a direction other than the IR SENSOR or if there is an obstacle between them, use of the remote control may not be possible.

Remote-controllable range

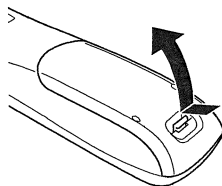


Remote control unit (RC1400)

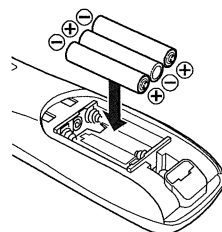
LOADING BATTERIES

The life of the batteries used with the remote control is about 4 months with normal use. Also be sure to replace batteries earlier when you notice that they are getting weak.

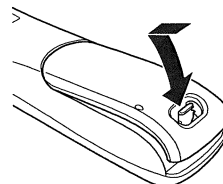
1. Remove the back cover.



2. Insert the new batteries (AAA type) with correct (+) and (-) polarity.



3. Close the cover until it clicks.



Note:

Do not use old batteries and new batteries together. This can result in corrosion or leakage of battery fluid.

The supplied manganese batteries are for checking operation. Usage of alkaline batteries is recommended.

When discarding batteries, be sure to follow the local regulations for your area. Do not put batteries in a fire.

BATTERY REPLACEMENT INTERVAL

Under normal usage, alkaline batteries last approximately four months. When the batteries wear out, a battery mark is displayed on the LCD. Although the remote control can still be used when the battery mark is displayed, the batteries should be replaced as soon as possible. The LCD eventually starts to flash when buttons are pressed, the remote control will be unable to transmit signals or learn codes.

- This remote control uses non-volatile memory so that the learned codes and macro programs are retained even if the batteries are removed.

Reset the clock after replacing the batteries.

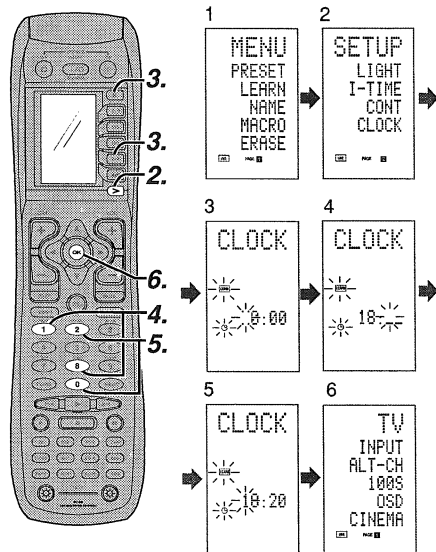
Safety Precautions for Batteries

Be sure to always observe the following precautions to prevent fluid leakage, overheating, fire, breakage, accidental ingestion, and other accidents.

- If the batteries are left unused for a long period of time, the battery fluid may leak or the batteries may corrode.
- Do not use the batteries in the remote control with the plus and minus polarity reversed.
- Do not attempt to recharge, heat, or disassemble the batteries. Do not put the batteries in a fire.
- Do not use the remote control with old batteries or worn-out batteries inserted.
- Do not use different types of batteries or mix old and new batteries in the remote control.
- If the remote control is not operating properly, replace the batteries with new ones.
- If any of the batteries are leaking, completely wipe up all leaked battery fluid, and then replace the batteries with new ones.

SETTING THE TIME

Example: Setting to 6:20PM (18:20)



Whenever the batteries are replaced, the clock shows 00:00. Please reset the clock. (The time setting is not backed up.)

CHECKING THE TIME

To check the time, hold down the > button for three seconds or more. The current time is displayed for five seconds.

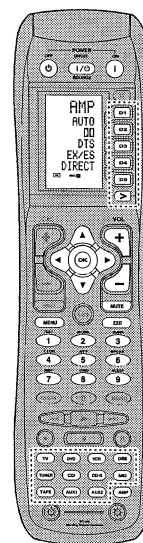
Note

Although the remote control uses a quartz clock, the time may become out of sync over the course of operation. Be sure to correct the clock from time to time.

GENERAL INFORMATION OF RC1400 TO SR7400

To control the SR7400 by your RC1400, you have to select the device AMP or TUNER by pressing the function selector button. Please refer below for the details in AMP and TUNER mode.

AMP MODE



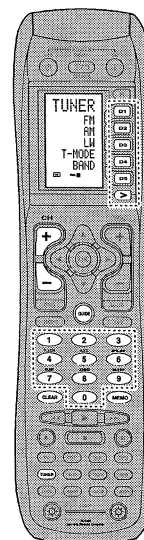
SOURCE ON/OFF	Turns the SR7400 on and off
POWER ON	Turns the SR7400 on
POWER OFF	Turns the SR7400 off
D1 - D5 / >(Page)	(Refer to page vi)
VOL +/-	Adjust the over all sound level
MUTE	Decreases the sound temporarily
Cursor	Move the cursor for setting in "On screen display" mode
OK	Enter the "On screen display" Confirms the setting in "On screen display" mode
MENU	Displays the current setting on the monitor
EXIT	Exits from SETUP MENU
TEST (1)	Enter the test tone menu
CH.SEL (2)	Call up SETUP MENU and adjusts speaker levels or 7.1ch input level
SURR (3)	Selects the surround mode
7.1CH (4)	Selects the 7.1CH IN
ATT (5)	Reduces the input level
SPK-AB (6)	Selects the speaker system
DISP (7)	Changes the front display mode
OSD (8)	Selects the "On screen display" on and off
SLEEP (9)	Sets the sleep timer function
Function selector	Selects a particular source component

When you bought this remote control and insert the batteries to the remote control at first, the steps 1 to 3 are skipped.

Starts from step 4 to set the time.

1. Hold down the M button for three seconds or more.
The menu is displayed.
2. Press the > button once.
This displays second page (SETUP).
3. Press the D4 (CLOCK) direct button.
The ":" indicator blinks and the clock indicator displays "0:00".
4. Press the 1 and 8 numeric button to set the hour indicator.
The hour indicator displays "18".
The minute indicator blinks "-".
5. Press the 2 and 0 numeric button to set the minute indicator.
The minute indicator displays "20".
The hour indicator blinks.
6. Press the OK cursor button to start the clock.
The clock starts from 0 second at the time that was set and return to normal (USE) mode.

TUNER MODE



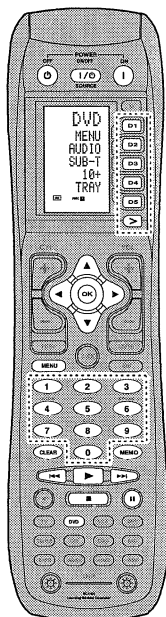
D1 - D5 / >(Page)	(Refer to page vi)
CH +/-	Selects a preset station up and down
GUIDE	Selects the "Frequency direct input"
0-9	Input the numeric
MEMO	Enter the tuner preset memory numbers
CLEAR	Clears the inputting
TUNER	Selects a frequency band

REMOTE CONTROLLER OPERATION

CONTROLLING MARANTZ COMPONENTS

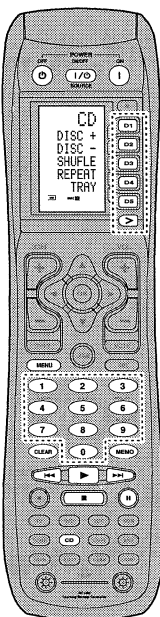
1. Press the desired function button.
 - The selected function name and USE are displayed in the LCD.
2. Press the desired operation buttons to play the selected component.
 - For details, refer to the component's user guide.
 - It may not be possible to operate some models.

CONTROLLING A MARANTZ DVD PLAYER (DVD MODE)



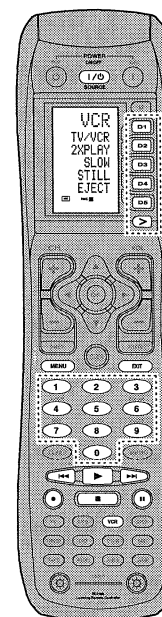
SOURCE ON/OFF	Turns the DVD player on and off
POWER ON	Turns the DVD player on
POWER OFF	Turns the DVD player off
D1 - D5 / >(Page)	(Refer to page vi)
Cursor/OK	Move the cursor, enters the setting
MENU	Calls up the menu of DVD disc
0-9	Input the numeric
MEMO	Call up the programming menu
CLEAR	Clears the inputting
▶	Play
◀▶	Skip forward or previous chapter/track
■	Stop
	Pause

CONTROLLING A MARANTZ CD PLAYER (CD MODE)



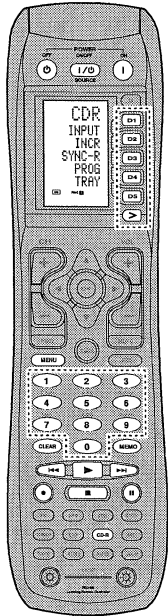
SOURCE ON/OFF	Turns the CD player on and off
POWER ON	Turns the CD player on
POWER OFF	Turns the CD player off
D1 - D5 / >(Page)	(Refer to page vi)
MENU	Switches the display information
0-9	Input the numeric
MEMO	Programs
CLEAR	Clears the inputting
▶	Play
◀▶	Skip forward or previous track
■	Stop
	Pause

CONTROLLING A MARANTZ VCR (VCR MODE)



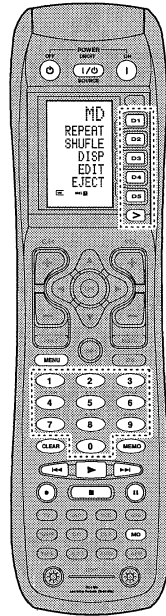
SOURCE ON/OFF	Turns the VCR on and off
D1 - D5 / >(Page)	(Refer to page vi)
MENU	Call up the menu
EXIT	Exits the programming menu
0-9	Input the numeric
▶	Play
◀▶	Skip forward or previous track
■	Stop
	Pause
●	Record

CONTROLLING A MARANTZ CD RECORDER (CDR MODE)



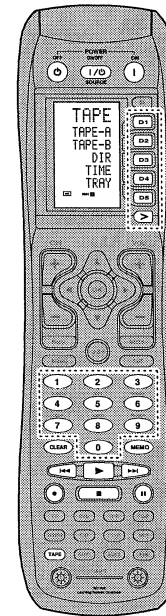
SOURCE ON/OFF	Turns the CD recorder on and off
POWER ON	Turns the CD recorder on
POWER OFF	Turns the CD recorder off
D1 - D5 / >(Page)	(Refer to page vi)
MENU	Switches the display information
0-9	Input the numeric
MEMO	Programs
CLEAR	Clears the inputting
▶	Play
⏮ / ⏭	Skip forward or previous track
■	Stop
⏸	Pause
●	Record

CONTROLLING A MARANTZ MD DECK (MD MODE)



SOURCE ON/OFF	Turns the MD deck on and off
POWER ON	Turns the MD deck on
POWER OFF	Turns the MD deck off
D1 - D5 / >(Page)	(Refer to page vi)
MENU	Switches the display information
0-9	Input the numeric
MEMO	Programs
CLEAR	Clears the inputting
▶	Play
⏮ / ⏭	Skip forward or previous track
■	Stop
⏸	Pause
●	Record

CONTROLLING A MARANTZ TAPE DECK (TAPE MODE)



SOURCE ON/OFF	Turns the TAPE deck on and off
POWER ON	Turns the TAPE deck on
POWER OFF	Turns the TAPE deck off
D1 - D5 / >(Page)	(Refer to page vi)
0-9	Input the numeric
MEMO	Programs
CLEAR	Clears the inputting
▶	Play
⏮ / ⏭	Skip forward or previous track
■	Stop
⏸	Pause
●	Record

BASIC OPERATION

USE MODE

(Normal operation status)

This remote control is preset with a total of 12 types of remote codes, including Marantz TV (television), DVD, VCR (VCR deck), DSS (satellite broadcasting tuner), TUNER, CD, CD-R, MD, TAPE (tape deck), AUX1, AUX2, and AMP (amplifier).

Learning is not necessary for Marantz products. You can use these products without setting any codes.

1. Press the **SOURCE** button.

For this example, press DVD.

DVD is shown on the LCD, and the remote control is set for DVD.

Pressing the source button once changes the remote control to the settings for the source that was pressed.

To change the amplifier or other source, press the **SOURCE** button twice (double-click). The code is sent, and then the amplifier source changes to DVD.

2. Press the buttons to operate the DVD.

The  indicator is shown on the LCD while the remote control codes are being transmitted. It is not displayed when buttons without stored code are pressed.

3. The direct buttons can be used to perform up to 20 operations for each of the 12 sources, including DVD, TV, AMP, and other AV equipment.

The buttons consist of the D1 to D5 buttons, and the equipment is operated by pressing the buttons corresponding to the indicators on the LCD.

Four pages are available, and press the > button to select a page. The current page position is displayed on the LCD.

PRESET MODE

(When operating non-Marantz AV equipment products)

This remote control is preset with remote control codes from AV equipment by other manufacturers. The preset codes are TV, VCR, LD, CABLE, DSS, DVD, TAPE, TUNER, CD, CD-R, MD and AMP.

Settings can be made in one of two ways. When the preset codes are set, the following codes are contained in the source button of the remote control.

See the attached manufacturer number list for the preset manufacturers, devices, preset numbers, and other settings.

Remote control source name	Corresponding preset code	Device name
TV	TV	Television
DVD	DVD	DVD player
VCR	VCR	Video deck
DSS	SATELLITE	Satellite broadcasting tuner equipment
TUNER	RECEIVER/TUNER	AM FM TUNER
CD	CD/CD-R PLAYER	CD player
CD-R	CD/CD-R PLAYER	CD recorder
MD	CD/CD-R PLAYER	MD deck
TAPE	TAPE	Cassette deck
AUX1	CABLE	Cable television
AUX2	LASER DISC	Laser disc player
AMP	AMPLIFIER	Amplifier or receiver
	RECEIVER/TUNER	

- When using Marantz products, TV and DVD can be set to TV1 (TV/VDP: Projector) and TV2 (PDP: Plasma display), and DVD1 (first DVD player) and DVD2 (second DVD player), respectively, to match the customer's operating environment. These settings are made in PRESET mode.

In the factory default state, the remote control is set to TV1 and DVD1. To make the presets, enter the numbers below while referring to the section "Entering and Setting the Manufacturer Number Directly".

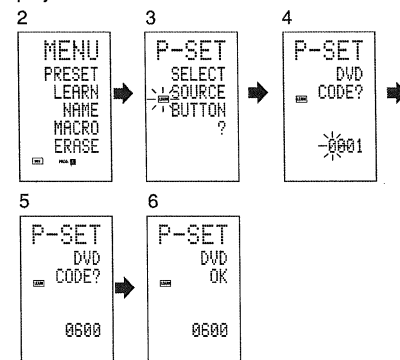
TV1: 0001, TV2: 0002

DVD1: 0001, DVD2: 0002

Entering and Setting the Manufacturer Number Directly

Refer to the manufacturer number list.

This example shows how to set a SAMSUNG DVD player.



- View the supplied manufacturer number list, and find the number of the manufacturer for the device that you are using.
- Hold down the **M** button for three seconds or more.
The menu is displayed.
- Press the **D1** (PRESET) direct button.
The Preset setting (P-SET) is displayed.
- Press the **DVD** source button.
- Press the numeric buttons to enter the four-digit manufacturer number.
Example: To enter "0600" from the manufacturer number list.
To correct the entered number, use the  or  cursor button to enter the correct number.
• If no button is pressed for over one minute during the setting process, any settings that were made are cancelled.
- Press the **OK** cursor button.
- Confirm the OK is displayed and then the display returns to the Preset Setting (P-SET).
When the manufacturer number is entered correctly, OK is displayed momentarily on the screen.
• If you enter a number not in the manufacturer number list, WRONG CODE is displayed, and then you return to the preset setting again.
Check the manufacturer number list, and either set a different number or use the sequence function to set.
- To set the manufacturer number for another source device, repeat the procedure in steps 4 to 6.
- After the settings are completed, press the **M** button.
- Press the buttons on the remote control to check that the DVD can be operated correctly.

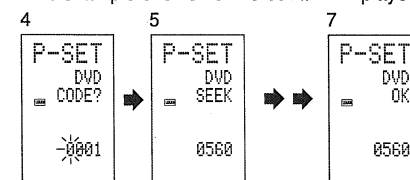
Setting Equipment Not Appearing in Manufacturer Number List

Use the sequence function to set equipment not appearing in the manufacturer number list. You may still be unable to set some equipment even when using the sequence function. In this case, the remote control can be programmed with codes individually.

In the sequence function, the power ON/OFF codes are transmitted by pressing the remote control buttons in order.

If the power for the equipment is left on, hold down the button until the equipment is turned off, and then release. This completes the setting.

This example shows how to set a DVD player.



- Turn on the power of the DVD player.
- Hold down the **M** button for three seconds or more.
The menu is displayed.
- Press the **D1** (PRESET) direct button.
The Preset setting (P-SET) is displayed.
- Press the **DVD** source button.
- Hold down the **CH+** or **CH-** button for one second or more.
- Press the **CH+** button repeatedly in the interval for one second.
The signal is transmitted, and the display cycles through the code number.
Press the **CH-** button to go back to a number screen.
- Release the button once the DVD player turns off.
- Press the **OK** cursor button.
- Confirm the OK is displayed and then the display returns to the Preset Setting (P-SET).
- To set the manufacturer number for another source device, repeat the procedure in steps 4 to 8.
- After the settings are completed, press the **M** button.
- Press the buttons on the remote control to check that the DVD can be operated correctly.

Check the following points if the equipment which was set does not operate properly.

- If there is more than one number in the manufacturer number list, try setting a different number.
- There may be some buttons which cannot be used. Program the codes to the required buttons.

LEARN MODE

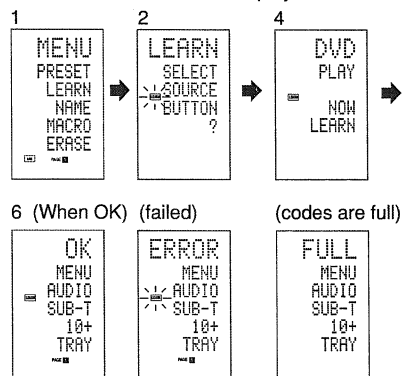
Programming the ► (PLAY) and Other Control Buttons and Numeric Buttons

This remote control is capable of learning and storing codes used by other remote controls that you already own.

For codes which are not learned, the remote control will transmit either the Marantz preset codes from the initial settings, or remote codes from another manufacturer's AV equipment which is set by the customer.

The receiver sensor for the remote control signals is located at the top of the remote control.

This example shows how to learn the codes from the remote control of a DVD player.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D2 (LEARN)** direct button.
The **LEARN** setting (**LEARN**) is displayed. The **LEARN** indicator then blinks.
3. Press the **DVD** source button.
4. Press the ► (PLAY) button.
The **LEARN** indicator blinks, and then displays to indicate that learning is ready.
5. Place the receiver sensor of the remote control (top) so that it is facing the transmitter of the DVD remote control (top) at a distance of about 5 cm (2 inches).
6. Press and hold down the ► (PLAY) button of the transmitting DVD remote control, and check that **OK** is displayed on the LCD.
The remote control has finished learning when **OK** is displayed on the LCD.

If **ERROR** is displayed on the LCD, some error has prevented the command from being learned. If this happens, repeat the procedure for steps 4 and 5.

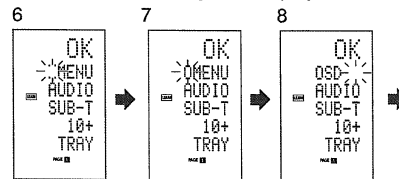
In some rare cases, **ERROR** may be displayed repeatedly during the learning operation. In this case, the transmitting remote control may have special signal codes. These codes cannot be learned by this remote control.

7. Follow the same procedure to make the remote control learn the other buttons.
8. Repeat the procedure in steps 3 to 6 to have the remote control learn the signal codes from a TV, CD player, or other AV equipment.
 - When no buttons are pressed for approximately one minute during the learning operation, the remote control automatically returns to **USE** mode.
 - When programming the source buttons, switch to the source in step 3, and then press the source button again.
9. When you have finished programming the codes for each button, press the **M** button.
The **USE** indicator is displayed on the LCD, and the newly stored codes can be used.
 - If **FULL** is displayed on the LCD, the memory cannot hold any more learned codes in **LEARN** mode.
If **FULL** is displayed no matter how many times you try the learning operation, the remote control cannot accept any more new codes until some of the previously learned codes are deleted from the memory. Delete some of the learned buttons from the sources.

The **M** button and ► button cannot be taught. Only each one code can be learned for the **LIGHT** buttons 1 and 2, regardless of the source.

Programming the Direct Buttons and Rewriting Names

This example shows how to program codes from other manufacturer products to the DVD **MENU** button (**D1**) and change the display to **OSD**.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D2 (LEARN)** direct button.
The **LEARN** setting (**LEARN**) indicator is displayed. The **LEARN** indicator then blinks.
3. Press the **DVD** source button.
The first page of the direct button screen is displayed. There are four available pages. Pressing the > buttons cycles through the pages in this order 1 → 2 → 3 → 4 → 1.
4. Press the **D1 (MENU)** direct button.
The **LEARN** indicator blinks, and then displays to indicate that learning is ready.
5. Place the receiver sensor of the remote control (top) so that it is facing the transmitter of the DVD remote control (top) at a distance of about 5 cm (2 inches).
6. Press and hold down the **OSD** button of the transmitting DVD remote control, and check that **OK** is displayed on the LCD.
The remote control has finished learning when **OK** is displayed on the LCD.
If **ERROR** is displayed on the LCD, some error has prevented the command from being learned. If this happens, repeat the procedure for steps 4 and 5.
 - After learning is completed, the remote control automatically switches to name rewriting mode. The left end “:” indicator on the **MENU** blinks to indicate that the blinking part can be rewritten.
 - If no names will be rewritten, press the **OK** cursor button. The display returns to learning standby mode by pressing the **OK** cursor button.
7. To change the name, press the numeric buttons to enter the text.
 - Use the cursor buttons ◀ ▶ to move to the sections to be rewritten on the LCD.

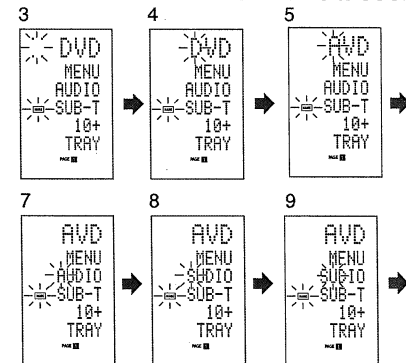
- To change **MENU** to **OSD**, press the 5 numeric button.

Each time the button is pressed, the display cycles through **M** → **N** → **O** → 5 → **M**.

8. After rewriting of the text is completed, press the **OK** cursor button.
To delete text that is already entered, press the 0 button to insert a space.
 - In this example, **MENU** is changed to “**OSD** (space) (space)” in this step, and then **OSD** is displayed in the right side by pressing the **OK** button.
9. For details, refer to the section “Rewriting Names”.
9. In the same way, use the > button to select the page, and then press the direct button to program the codes.
10. After programming the codes for each of the buttons, press the **M** button.
The **USE** indicator displays on the LCD, and the newly stored codes can be transmitted.

REWRITING NAMES

This remote control allows the rewriting of names for the sources and direct buttons. This operation is performed for each individual source. This example shows how to change the source name from **DVD** to **AVD** and **AUDIO** to **SOUND**.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.

2. Press the **D3** (NAME) direct button .
3. Press the **DVD** source button .
The **[NAME]** indicator blinks.
The "..." blinks to indicate that the letter can be changed.
4. Press the **►** cursor button twice.
The D in DVD blinks to indicate that the letter can be changed.
5. Press the **1** numeric button to select A.
Each time the numeric buttons are pressed, the button cycles through the alphanumeric characters shown below.
1: A → B → C → 1 → A
2: D → E → F → 2 → D
3: G → H → I → 3 → G
4: J → K → L → 4 → J
5: M → N → O → 5 → M
6: P → Q → R → 6 → P
7: S → T → U → 7 → S
8: V → W → X → 8 → V
9: Y → Z → / → 9 → Y
0: SPACE (:) → + → - → , → ' → < → > → ? → 0 → SPACE (:))
6. Press the **◀** or **▶** cursor button .
The letter is changed to "A".
• The **▲** and **▼** cursor buttons can be used to move the blinking indicator of the section to be rewritten.
7. Press the **▲** or **▼** cursor buttons to select AUDIO on the direct button indicator. The A flashes to indicate that the name can be changed.
8. Press the **7** numeric button to select S.
Each time the button is pressed, the button cycles through S → T → U → 7 → S.
9. Press the **►** cursor button to move the flashing section.
10. Press the **5** numeric button to select O.
11. Follow the same procedure to enter U, N, and D.
12. When finished entering the text, press the **OK** cursor button .
13. Press the **M** button .
The **[USE]** indicator displays on the LCD, and the newly stored codes can be used.
The input is overwritten, and so the currently displayed text is erased.
Up to six characters can be entered for the direct button indicator.

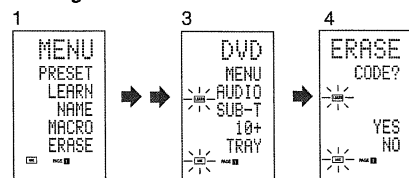
ERASING PROGRAMMED CODES (RETURNING TO INITIAL SETTINGS)

Codes can be erased in five ways: by buttons, direct buttons, direct button pages, sources, and by all memory contents.

Erasing Buttons and Erasing Direct Buttons

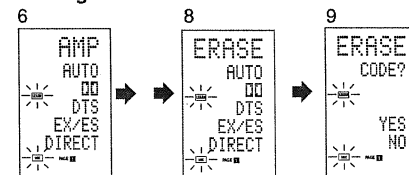
This example shows how to erase the code learned from the PLAY button of the DVD player and the AUTO code of the AMP direct button.

Erasing buttons



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D5** (ERASE) direct button .
3. Press the **DVD** source button .
The **[USE]** and **[LEARN]** indicators blink.
4. Press the button (▶: PLAY) that you want to erase while holding down the **CLEAR** button .
A message is displayed on the LCD.
5. Press the **D4** (YES) direct button to erase.
The code programmed to the (▶:PLAY) button is erased.
When the code is cleared, the code for this button resets to the factory default code or becomes blank.
• To cancel the erasing operation, press the D5 (NO) button to return to the previous display.
To erase codes programmed for the **CLEAR** button, simply press the **CLEAR** button twice.
To erase codes programmed for the **SOURCE** button, simply press the **SOURCE** button twice.

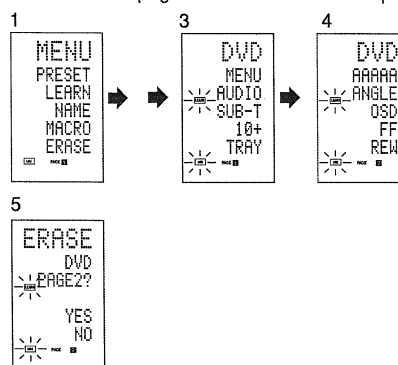
Erasing direct buttons



6. Press the **AMP** source button .
7. Press the **>** button to display the first page for AMP.
8. Press the **D1** (AUTO) direct button to be erased while holding down the **CLEAR** button .
9. Press the **D4** (YES) direct button to erase.
The code programmed to the AUTO button is erased.
When the code is cleared, the code for this button resets to the factory default code or becomes blank.
The rewritten name returns to the original name.
• To cancel the erasing operation, press the D5 (NO) button to return to the previous screen.
10. When the erasing operation is finished, press the **M** button .
The **[USE]** indicator displays to indicate that the remote control can now be operated.

Erasing Direct Button Pages

This example shows how to erase the entire direct button second page learned from the DVD player.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D5** (ERASE) direct button .
3. Press the **DVD** source button .
The **[USE]** and **[LEARN]** indicators blink.
4. Press the **>** button to display the second page.
5. Press the **>** button while holding down the **CLEAR** button .
6. Press the **D4** (YES) direct button to erase.

All codes and names programmed to page 2 are erased. When the codes are cleared, the codes for this button reset to the factory default code or become blank. Any rewritten names return to the original name.

- To cancel the erasing operation, press the D5 (NO) button to return to the previous screen.

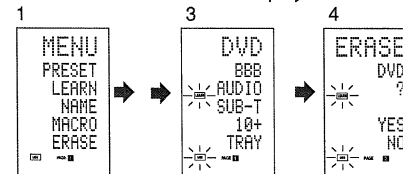
7. When the erasing operation is finished, press the **M** button .

The **[USE]** indicator lights up to indicate that the remote control can now be operated.

Erasing Sources

This procedure clears all codes and names programmed to the DVD, TV, or other sources. All codes and names in the four direct button pages are also erased.

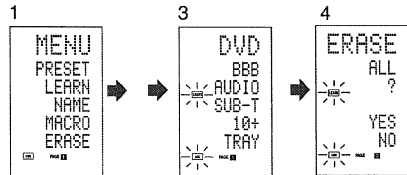
This example shows how to erase the names and codes learned from the DVD player.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D5** (ERASE) direct button .
3. Press the **DVD** source button .
The **[USE]** and **[LEARN]** indicators blink.
4. Press the **DVD** source button while holding down the **CLEAR** button .
5. Press the **D4** (YES) direct button to erase.
All codes and names programmed to the DVD source are erased. When the codes are cleared, the codes for this button reset to the factory default code or become blank. Any rewritten names return to the original name.
• To cancel the erasing operation, press the D5 (NO) button to return to the previous display.
6. When the erasing operation is finished, press the **M** button .
The **[USE]** indicator displays to indicate that the remote control can now be operated.

Erasing All

This procedure clears (resets) all programmed codes and names. Once all the data is cleared, the memory is returned to the factory default status. The programmed macros are also erased.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D5 (ERASE)** direct button .
The **[USE]** and **[LEARN]** indicators blink.
3. Press the **CLEAR** button while holding down the **POWER ON** and **OFF** buttons at the same time.
4. Press the **D4 (YES)** direct button to erase.
All programmed codes and names are erased and reset to the factory default settings.
 - To cancel the erasing operation, press the **D5 (NO)** button to return to the previous screen.
 - To erase all operation takes a few seconds after the **D4 (YES)** button is pressed.

PROGRAMMING MACROS

This remote control can program a series of button operations in sequence.

Macros are a function that makes it possible to use a single button operation to perform a complex series of button operations any number of times. A single button can be programmed to perform up to 20 steps in sequence. A total of 20 buttons can be programmed with macros.

- For example, the following sequence of operations can be programmed to a macro.

Switch amplifier to DVD source → Set amplifier mode to AUTO → Play DVD player → Switch TV to video input

The factory default for the transmission interval (time) between macro operations is one second, but these signal transmission intervals can be set between approximately 0.5 seconds and 5 seconds in the Setup mode. Each transmission interval can be adjusted independently when programming or revising a macro.

Note:

If the signal transmission interval (interval time) is changed using the Setup mode (described later), this transmission interval is applied to all macro programs. To change individual signal transmission intervals, use the procedures in this section for programming macros and revising macros.

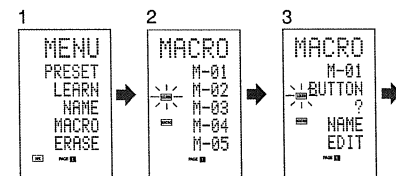
- No signals are transmitted while programming a macro.
 - The **M** button, **>** button, cursor buttons, **MEMO** button, **CLEAR** button, and **VOL** buttons cannot be programmed.
 - If no button is pressed for approximately one minute during programming, the remote control returns to the state before macro mode.
- In this case, the macro program is not stored.
- When executing macro mode, performing the source switching operation two or more times only changes the remote control mode and does not transmit any signals. (Switching of the source selector of the amplifier is valid only once.)

PROGRAMMING MACROS

This example shows how to program a macro to the M-01 button.

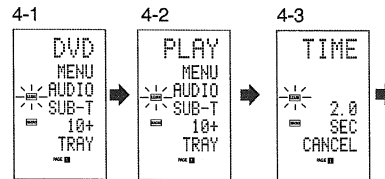
(The screens shown in the example are the default factory states. If the names of direct buttons were rewritten, these modified names would be displayed.)

Switch amplifier to DVD source → Play DVD player → Set the interval to 2 seconds until the next signal is sent → Switch TV to video input → Set the amplifier mode to AUTO



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D4 (MACRO)** direct button .
The macro menu is displayed.
The **[MACRO]** indicator displays and **[LEARN]** blinks.
3. Press the **D1 (M-01)** direct button .
The menu has four pages, and so use the **>** button to select the page when programming other buttons.

4. Press the buttons in the sequence that you want the operations performed.
The actual program starts here.
Each time a button is pressed, the name of the button is displayed on the LCD.



- 4-1. Press the **DVD** source button .
- 4-2. Press the **▶ (PLAY)** button .
- 4-3. Press the **▲** or **▼** cursor buttons .
The interval time is displayed on the LCD.
- 4-4. Press the **▲** or **▼** cursor buttons and set to 2.0 (seconds).
 - Use the **▲** cursor button to increase the time and the **▼** button to decrease the time. The interval time can be set from 0.5 seconds to 5 seconds.
 - To stop the time adjustment, press the **D5 (CANCEL)** direct button.

- 4-5. Press the **OK** cursor button .
- 4-6. Press the **TV** source button .
- 4-7. Press the **>** button to display the first page.
- 4-8. Press the **D1 (INPUT)** direct button .
- 4-9. Press the **AMP** source button .
- 4-10. Press the **>** button to display the first page.
- 4-11. Press the **D1 (AUTO)** direct button .
- 4-12. Press the **OK** cursor button .

The LCD displays END to indicate that programming is completed.

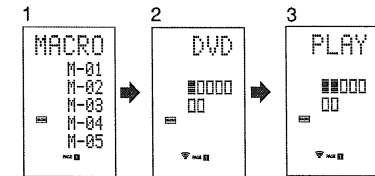
5. To program another macro, repeat the procedure in steps 3 to 4-12.
6. To exit macro programming, press the **M** button .

The **[USE]** indicator displays to indicate that the remote control can now be operated.

When the macro are programmed 20 operations or more, the display returns macro menu.

Edit the macro so that it has 20 operations or less.

EXECUTING MACRO PROGRAMS



1. Press the **M** button shortly.
The macro menu is displayed.
2. Press the **D1 (M-01)** direct button .
3. Check that the operations of the program are executed step by step.

The name of the operation button is displayed on the LCD.

- The programmed section is indicated by **□**.
The bar indicator moves to indicate the progress of the program.

Select DVD source → PLAY transmit → Interval time: 2 seconds → Select TV → TV INPUT transmit → Select AMP → AUTO transmit → End

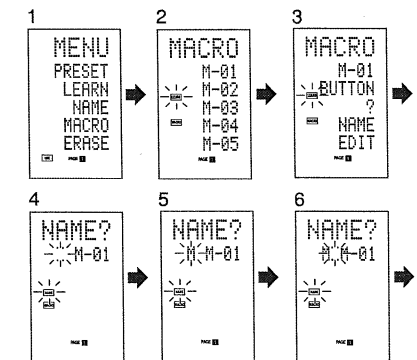
- To cancel transmission of the program while it is in progress, press any button.

CHANGING NAMES OF MACRO PROGRAMS

Under the factory default settings, the names of the macro programs are set from M-01 to M-20, but you can change them to any desired name.

The text can have up to six characters, and it is entered using the numeric buttons.

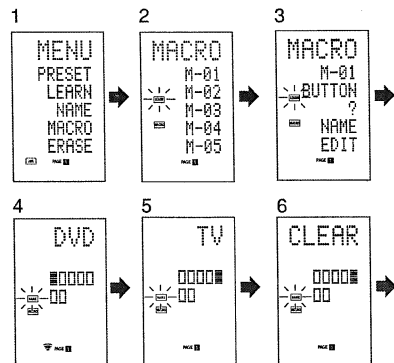
This example shows how to change the M-01 name to MOVIE.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D4** (MACRO) direct button .
The macro menu is displayed.
The **[MACRO]** indicator displays and **[LEARN]** blinks.
3. Press the **D1** (M-01) direct button .
The NAME is displayed.
4. Press the **D3** (NAME) direct button .
The "..." blinks to indicate that rewriting is possible.
5. Press the **5** numeric button to select M.
6. Press the **▶** cursor button to next.
The "..." blinks to indicate that rewriting is possible.
7. Press the **5** numeric button to select O.
8. Repeat steps 6 and 7, and then enter V, I, E and " " (space)".
• To make changes in the text while entering it, use the **◀** or **▶** cursor buttons to move to the blinking section.
9. After making the changes, press the **OK** cursor button .
• To change the names of other macro programs, repeat the procedure in steps 3 to 9.
10. To exit, press the **M** button .

ERASING STEPS OF MACRO PROGRAMS

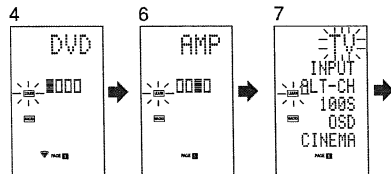
This example shows how to delete the TV and INPUT steps from the following macro programmed to M-01.
The program is changed from
DVD → PLAY → TIME → TV → INPUT → AMP → AUTO
to
DVD → PLAY → TIME → AMP → AUTO.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D4** (MACRO) direct button .
The macro menu is displayed.
The **[MACRO]** indicator displays and **[LEARN]** blinks.
3. Press the **D1** (M-01) direct button .
4. Press the **D5** (EDIT) direct button .
The LCD displays DVD, and the step position is indicated by ■.
5. The programmed section is indicated by □.
6. Press the **▶** cursor button to display TV.
Press the **CLEAR** button .
The LCD displays CLEAR, and TV and INPUT are deleted.
When deleting steps from a macro program, the operations performed for a source after switching to the source are also deleted.
If the CLEAR button is pressed at the INPUT position, only the INPUT step is deleted.
The □ indicator for the step is also changed.
• To check the modified steps, press the **◀** or **▶** cursor button.
7. To exit, press the **M** button .
When finished, to change another macro program, press the OK cursor button to return to the menu, and then repeat the procedure for steps 3 to 6.

OVERWRITING STEPS IN MACRO PROGRAMS

This example shows how to change the macro programmed to M-01 from
DVD → PLAY → AMP → AUTO
to
DVD → PLAY → TV → INPUT.

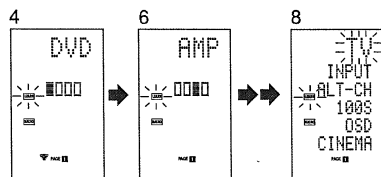


1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D4** (MACRO) direct button .
The macro menu is displayed.
The **[MACRO]** indicator displays and **[LEARN]** blinks.
3. Press the **D1** (M-01) direct button .

4. Press the **D5** (EDIT) direct button .
The LCD displays DVD, and the step position is indicated by ■.
The programmed section is indicated by □.
5. Press the **▶** cursor button so that AMP is displayed.
6. Press the **TV** source button .
TV blinks for 0.5 seconds.
7. Press the **D1** (INPUT) direct button .
INPUT blinks for 0.5 seconds.
TV and INPUT are overwritten.
• To check the modified steps, press the **◀** or **▶** cursor button.
8. To exit, press the **M** button .
When finished, to change another macro program, press the OK cursor button to return to the menu, and then repeat the procedure for steps 3 to 8.

INSERTING STEPS IN MACRO PROGRAMS

This example shows how to change the macro programmed to M-01 from
DVD → PLAY → AMP → AUTO
to
DVD → PLAY → TV → INPUT → AMP → AUTO

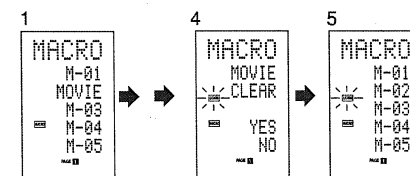


1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **D4** (MACRO) direct button .
The macro menu is displayed.
The **[MACRO]** indicator displays and **[LEARN]** blinks.
3. Press the **D1** (M-01) direct button .
4. Press the **D5** (EDIT) direct button .
The LCD displays DVD, and the step position is indicated by ■.
The programmed section is indicated by □.
6. Press the **▶** cursor button so that AMP is displayed.
6. Press the **MEMO** button .
7. Press the **TV** source button .
TV blinks for 0.5 seconds

8. Press the **D1** (INPUT) direct button .
INPUT blinks for 0.5 seconds.
TV and INPUT are inserted.
9. Press the **OK** cursor button .
• To check the modified steps, press the **◀** or **▶** cursor button.
10. To exit, press the **M** button .
When finished, to change another macro program, press the OK cursor button to return to the menu, and then repeat the procedure for steps 3 to 9.

CLEARING MACRO PROGRAMS

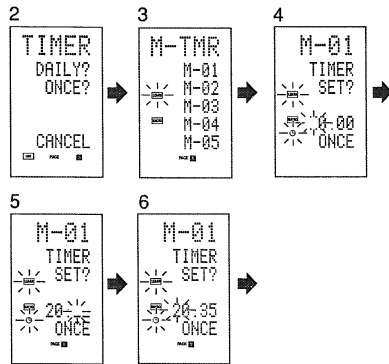
When clearing macros, the macros programmed to the button are erased. Modified macro names are also returned to the factory default settings. This example shows how to clear a macro with the name MOVIE programmed to M-02.



1. Press the **M** button for three second or more.
The macro menu is displayed.
2. Press the **D4** (MACRO) direct button .
The macro menu is displayed.
3. Press the **D2** (MOVIE) direct button while holding down the **CLEAR** button .
4. Press the **D4** (YES) direct button to clear the macro.
To cancel the clearing operation, press the NO (D5 button).
5. To exit, press the **M** button .
When finished, to change another macro program, press the OK cursor button to return to the menu, and then repeat the procedure for steps 2 to 4.

SETTING THE MACRO TIMER

Setting the macro timer enables the macro program to automatically turn the power for a device on or off or perform other operations. In the settings, you can select to execute the macro timer everyday or only once. Be sure to set the clock to the correct time before using the timer. The macro timer can only be set for one program a day. This example shows how to use the timer only once at 20:35 to execute a macro programmed to M-01.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **>** button to display the third page TIMER menu.
3. Press the **D2** (ONCE?) direct button .
The M-TMR menu is displayed on the LCD.
• To cancel timer operation, press CANCEL.
4. Press the **D1** (M-01) direct button .
The time which is set previously is displayed.
5. Press the **2** and **0** numeric button to set the hour indicator to 20.
6. Press the **3** and **5** numeric button to set the minute indicator to 35.
7. Press the **OK** cursor button .
This finalizes the time.
8. To exit, press the **M** button .
To cancel the macro timer, return to the TIMER menu and press the **D5** (CANCEL) and then press **D1** (M-01).

EXECUTING THE MACRO TIMER

The macro program starts when the time that was set is reached. The **TIMER** indicator lights up whenever the macro timer is activated.

Note:

To execute the macro timer, place the remote control facing the infrared sensor of the device to be operated. If the remote control is not in a suitable position, it may not operate the device properly.

CLONE MODE

CREATING COPIES USING CLONE MODE

All of the codes programmed to the RC1400 remote control can be copied to another RC1400 using a few simple operations.

- The remote control can copy the entire contents or the contents for specific source buttons.
- When copying the entire contents, all programmed codes, modified names, programmed macros, and signal transmission intervals are copied.

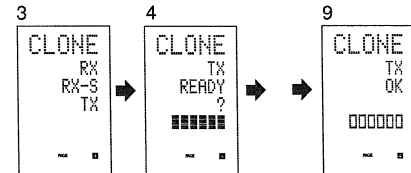
When copying the contents for source buttons, the programmed codes and modified names are copied.

Note:

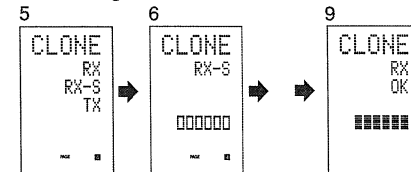
The clone function can only be used for copying when using the same model (RC1400) for both the transmitting and receiving remote control.

COPYING ENTIRE CONTENTS

<Transmitting remote control>



<Receiving remote control>

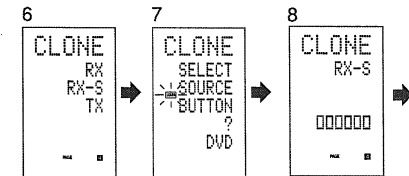


1. Place the receiver sensor of the receiving remote control (top) so that it is facing the transmitter of the transmitting remote control (top) at a distance of about 5 cm (2 inches).
2. Hold down the **M** button of the transmitting remote control for three seconds or more.
The menu is displayed.
3. Press the **>** button to display the fourth page CLONE menu.
4. Press the **D3** (TX) direct button .
The transmitting side is now ready.
5. Hold down the **M** button of the receiving remote control for three seconds or more.
The menu is displayed.
6. Press the **>** button to display the fourth page CLONE menu.
7. Press the **D1** (RX) direct button .
The receiving side is now ready.
8. Press the **OK** cursor button on the receiving remote control.
9. Press the **OK** cursor button on the transmitting remote control.
When copying is started, the bar indicators on both LCDs start to move from the left to the right.
• When the copying operation is completed, TX OK is displayed on the LCD of the transmitting remote control, and RX OK is displayed on the LCD of the receiving remote control.
• Do not touch either of the remote controls during the copying operation. Doing so could cause copying to fail.
• If the copying fails in the middle of the copying process, RX ERROR is displayed on the receiving remote control. Check and perform steps 1 to 7 again.
• Copying takes about three minutes to complete when the transmitting remote control has been programmed to 100% capacity.
10. Once copying is completed, press the **M** button on both remote controls.

COPYING BY SOURCE

The 12 sources can be copied on a source by source basis. You can select from up to 12 source types.

<Receiving remote control>



1. Place the receiver sensor of the receiving remote control (top) so that it is facing the transmitter of the transmitting remote control (top) at a distance of about 5 cm (2 inches).
2. Hold down the **M** button of the transmitting remote control for three seconds or more.
The menu is displayed.
3. Press the **>** button to display the fourth page CLONE menu.
4. Press the **D3** (TX) direct button .
The transmitting side is now ready.
5. Hold down the **M** button of the receiving remote control for three seconds or more.
6. Press the **>** button to display the fourth page CLONE menu.
7. Press the **D2** (RX-S) direct button .
8. Press the source button to be copied.
The receiving side is now ready.
The name of the source which was pressed is displayed on the LCD.
• Each time the source button is pressed, the name is displayed on the LCD.
9. Press the **OK** cursor button on the receiving remote control.
10. Press the **OK** cursor button on the transmitting remote control.
When copying is started, the bar indicators on both LCDs start to move from the left to the right.
• When the copying operation is completed, TX OK is displayed on the LCD of the transmitting remote control, and RX OK is displayed on the LCD of the receiving remote control.
• Do not touch either of the remote controls during the copying operation. Doing so could cause copying to fail.

- If the copying fails in the middle of the copying process, ERROR is displayed on the remote control.

Check and perform steps 1 to 7 again.

11. Once copying is completed, press the **M** button on both remote controls.

SETUP

SETTING THE LIGHTING TIME

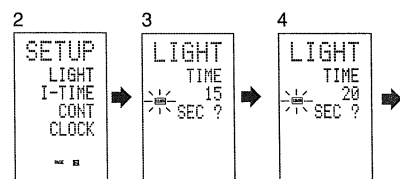
- The LCD lights up when the **LIGHT** buttons are pressed. The LCD remains lit while the pressed button is held down, and it goes off when the button is released.
- The LCD continues to light up if another button is pressed while it is lit or if pressed within two seconds after the light goes off.
- The lighting time can be set in one-second units from 0 to 60 seconds.

The **LIGHT** buttons have light-absorbing properties that enable them to store light. If the buttons are no longer illuminated in a dimly lit environment, bring the buttons near a fluorescent lamp or other light source for a sufficient amount of time. This should illuminate the buttons again.

- The **LIGHT** buttons consist of a **LIGHT1** and **LIGHT2** button, and they both perform the same operation.

The factory default lighting time is set to 15 seconds.

This example shows how to set the lighting time to 20 seconds.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **>** button to display the second page SETUP menu.
3. Press the **D1** (**LIGHT**) direct button .
The **LIGHT** is displayed on the LCD

4. Press the **▲** or **▼** cursor button to set the lighting time.
5. Press the **OK** cursor button to enter the lighting time.
6. Once the setting is finished, press the **M** button .

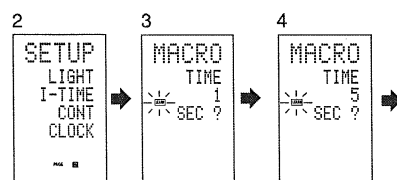
SETTING THE MACRO INTERVAL TIME

When a macro program is executed, control signals are transmitted in sequence. This transmission interval (interval time) can be set in 0.5-seconds units from 0.5 to 5 seconds.

If the interval time is set in this Setup mode, the interval times for all programmed macros are changed. If necessary, use **EDIT** (see page 37) in the macro program to change the individual transmission times.

The factory default setting for the transmission interval is 1 second.

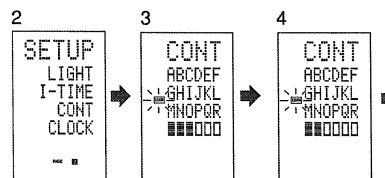
This example shows how to set the interval time to 5 seconds.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **>** button to display the second page SETUP menu.
3. Press the **D2** (**I-TIME**) direct button .
4. Press the **▲** or **▼** cursor button to set the interval time.
Holding down the cursor button fast-forwards the time indicator.
5. Press the **OK** cursor button to enter the interval time.
6. Once the setting is finished, press the **M** button .

ADJUSTING THE DISPLAY CONTRAST

The contrast of the LCD can be adjusted. Adjust for maximum visibility according to your viewing environment.



1. Hold down the **M** button for three seconds or more.
The menu is displayed.
2. Press the **>** button to display the second page SETUP menu.
3. Press the **D3** (**CONT**) direct button .
4. Press the **▲** or **▼** cursor button and set the display contrast for maximum visibility.
The adjustment has 10 levels.
The factory default setting for the contrast is the fifth level.
5. Press the **OK** cursor button to enter the display contrast.
6. Once the setting is finished, press the **M** button .

SETUP CODES

AMPLIFIER

Source button name : AMP

Brand name	Setup code
Amstrad	0105
Arcam	0296
Audiolab	0296
Carver	0296
GE	0105
Genexxa	0422
Grundig	0296
Harman/Kardon	0919
JVC	0358
Left Coast	0919
Linn	0296
Magnavox	0296
Marantz	0919, 0296
Micromega	0296
Myryad	0296
Optimus	0422
Panasonic	0335
Philips	0919, 0296
Pioneer	0040
Polk Audio	0919, 0296
Realistic	0422
Revox	0296
Sony	0247
Soundesign	0105
Technics	0335
Thorens	0296
Victor	0358
Wards	0105, 0040
Yamaha	0381

RECEIVER/TUNER

Source button name : AMP, TUNER

Brand name	Setup code
ADC	0558
Aiwa	1432, 0185, 1116, 1415, 1668
Alco	1417
Anam	1636
Apex Digital	1284
Audiolab	1216
Audiotronic	1216
Audiovox	1417
Bose	1256
Cambridge	1397
Soundworks	
Capetronic	0558
Carver	1216, 1116
Centrex	1284
Denon	1387
Ferguson	0558
Fine Arts	1216
Grundig	1216

RECEIVER/TUNER

Source button name : AMP, TUNER

Brand name	Setup code
Harman/ Kardon	0137, 1331
Integra	0162, 1325
JBL	0137, 1333
JVC	0101, 0558, 1401, 1522
KLH	1417, 1439
Kenwood	1340, 1054
MCS	0066
Magnavox	1216, 1296, 0558, 1116
Marantz	1216, 0066, 1116, 1316
Micromega	1216
Musicmagic	1116
Myryad	1216
NAD	0347
Norcent	1416
Onkyo	0162, 0869, 1325
Optimus	1050, 0558
Panasonic	1545, 0066, 1315, 1790
Philips	1216, 1296, 1116, 1293, 1295, 1310, 1316
Pioneer	1050, 0041, 0558, 1411
Polk Audio	1316
Proscan	1281
Quasar	0066
RCA	1050, 1636, 1281, 0558, 1417
Saba	0558
Sansui	1116
Schnelder	0558
Sony	1085, 0185, 1185, 1685, 1785
Stereophonics	1050
Sunfire	1340
Teac	1417
Technics	1335, 1545, 0066, 1336
Telefunken	0558
Thomson	1281
Thorens	1216
Uher	0558
Venturer	1417
Victor	0101
Wards	0185, 0041
Yamaha	0203, 1203, 1358

CABLE

Source button name : AUX1

Brand name	Setup code
ABC	0030, 0035
Americast	0926
Bell South	0926
Birmingham Cable Communications	0303
British Telecom	0030
Cable & Wireless	1095
Daeryung	0904, 1904, 0504, 0035
Director	0503
Filmnet	0470
General	0503, 0837, 0303,

CABLE

Source button name : AUX1

Brand name	Setup code
GoldStar	0171
Hamlin	0036, 0300
Instrument	0030
Jerrold	0503, 0837, 0303, 0030
LG	0171
MNet	0470
Memorex	0027
Motorola	0503, 0837, 0303, 1133
NTL	1095
Noos	0844
Ono	1095
PVP Stereo	0030
Visual Matrix	
Pace	0264, 1087, 1095
Panasonic	0027, 0035, 0134
Paragon	0027
Philips	0332, 0344
Pioneer	0904, 1904, 0171, 0560
Pulsar	0027
Quasar	0027
Regal	0306, 0300
Runco	0027
Sagem	0844
Samsung	0027, 0171
Scientific Atlanta	0904, 1904, 0504, 0035
Sony	1033
Starcom	0030
Supercable	0303
TS	0030
Tele+1	0470
Telewest	1095
Torx	0030
Toshiba	0027
Trans PX	0303
United Cable	0030
Zenith	0027, 0552, 0926

SATELLITE

Source button name : DSS

Brand name	Setup code
@sat	1327
ABsat	0150
Alba	0482
AlphaStar	0799
Amstrad	0874
Aston	0169, 1156
Astro	0200
Atsat	1327
Avalon	0423
Blaupunkt	0200
British Sky	0874, 1202
Broadcasting	
Canal Digital	0880
Canal Satellite	0880

SATELLITE

Source button name : DSS

Brand name	Setup code
Canal+	0880
Chaparral	0243
Citycom	1203
Connexions	0423
Crossdigital	1136
Cyrus	0227
D-box	0750, 1154
DMT	1102
DNT	0227, 0423
Daeryung	0423
Daewoo	1323
Digenius	0326
DirectTV	0419, 0593, 0666, 1169, 0274, 0776, 1776, 0751, 0846, 1883, 1103, 1136
Dish Network System	1032, 0802
DishPro	1032, 0802
Distratel	0111
Dream Multimedia	1264
Echostar	1032, 0802, 0194, 0423, 0637, 0880, 0898, 1113
Engel	1044
Expressvu	0802
FTE	0890
Finlux	0482
Fracarro	0898
Fuba	0423
GE	0593
GOI	0802
Galaxis	0890, 1138
General Instrument	0896
Gold Box	0880
Grundig	0200, 0874
HTS	0802
Hirschmann	0200, 0423
Hitachi	0846, 0482
Hughes	1169, 0776, 1776
Network Systems	
Humax	0890, 1203
InVideo	0898
JVC	0802
Kathrein	0150, 0200, 0227, 0276, 0685, 1248
Kreiselmeier	0200
Labgear	1323
Logix	1044
Lorenzen	0326
Magnavox	0751, 0749
Manhattan	0482, 1044, 1110
Marantz	0227
MediaSat	0880
Memorex	0751
Metronic	0111
Mitsubishi	0776
Motorola	0896
Myryad	0227
Next Level	0896

SATELLITE**Source button name : DSS**

Brand name	Setup code
Nokia	0482, 0750, 0778, 1154, 1250, 1750
OctalTV	1032
Orbitech	1127
Pace	0482, 0874, 1202, 1350
Panasonic	0274, 0728, 0874, 1347
Panda	0482
Paysat	0751
Philips	1169, 0776, 1776, 0751, 1103, 0749, 0160, 0227, 0482, 0880
Pioneer	0880
Promax	0482
Proscan	0419, 0593
RCA	0419, 0593, 0882, 0170
RFT	0227
RadioShack	0896
Radiola	0227
Radix	0423
SKY	0883, 0874, 1202
SM Electronic	1227
Sabre	0482
Sagem	0847, 1141, 1280
Samsung	1303, 1136, 1044, 1319
Sat Control	1327
Satstation	1110
Schwaiger	1138
Seemann	0423
Siemens	0200
Sony	0666, 1666, 0874
Star Choice	0896
Strong	1327
TPS	0847, 1280
Tantec	0482
TechniSat	1126, 1127
Telestar	1127
Thomson	0482, 0880, 1073, 1318
Topfield	1233
Toshiba	0776, 1776, 0817
UltimateTV	0419, 0666
Uniden	0751, 0749
Universum	0200
Ventana	0227
Wisi	0200, 0423, 0482
XSat	0150
Zehnder	1102
Zenith	0883, 1883

TAPE DECK**Source button name : TAPE**

Brand name	Setup code
Aiwa	0056
Carver	0056
Grundig	0056
Harman/Kardon	0056
Magnavox	0056
Marantz	0056
Myryad	0056
Optimus	0054
Philips	0056
Pioneer	0054
Polk Audio	0056
RCA	0054
Revox	0056
Sansui	0056
Sony	0270
Thorens	0056
Wards	0054

LASER DISK**Source button name : AUX2**

Brand name	Setup code
Carver	0091
Denon	0086
Marantz	0091
Mitsubishi	0086
NAD	0086
Nagsmi	0086
Optimus	0086
Philips	0091
Pioneer	0086
Salora	0091
Sony	0228
Telefunken	0086

CD/CD-R PLAYER**Source button name : CD, CDR, MD**

Brand name	Setup code
Aiwa	0184
Arcam	0184
Audio Research	0184
AudioTon	0184
Audiolab	0184
Audiomeca	0184
Cairn	0184
California Audio Labs	0056
Carver	0184, 0206
Cyrus	0184
DKK	0027
DMX Electronics	0184
Denon	0900
Dynamic Bass	0206
Emerson	0332
Fisher	0206

CD/CD-R PLAYER**Source button name : CD, CDR, MD**

Brand name	Setup code
Genexxa	0059, 0332
Goodmans	0332
Grundig	0184
Harman/ Kardon	0184, 0200
Hitachi	0059
JVC	0099
Kenwood	0708, 0653, 0055, 0064
Krell	0184
LXI	0332
Linn	0184
MCS	0056
Magnavox	0184, 0332
Marantz	0653, 0056, 0184
Matsui	0184
Memorex	0332
Meridian	0184
Micromega	0184
Miro	0027
Mission	0184
Myryad	0184
NAD	0027
NSM	0184
Naim	0184
Onkyo	0895
Optimus	0027, 0059, 0064, 0206, 0332
Panasonic	0056
Philips	0653, 0184
Pioneer	0059, 0332
Polk Audio	0184
Proton	0184
QED	0184
Quad	0184
Quasar	0056
RCA	0059, 0206, 0332
Realistic	0206
Revox	0184
Rotel	0184
SAE	0184
Sansui	0184, 0332
Sanyo	0206
Scott	0332
Sears	0332
Sharp	0888, 0064
Simaudio	0184
Sonic Frontiers	0184
Sony	0517, 0027
Symphonic	0332
TAG McLaren	0184
Tandy	0059
Technics	0056
Thorens	0184
Thule	0184
Universum	0184
Victor	0099
Wards	0184

TV**Source button name : TV**

Brand name	Setup code
MARANTZ	0001
TV1 (TV, VDP)	
MARANTZ	0002
TV2 (Plasma)	
AGB	0543
AOC	0478, 0120, 0207, 0087, 0057, 0205, 0036, 0119, 0135
ASA	0131
AWA	0036
Acura	0036
Addison	0119, 0135, 0680
Admiral	0120, 0490, 0190
Advent	0788
Aiko	0119
Akai	0839, 0729, 0057, 0036, 0235, 0388, 0543
Akura	0291
Alba	0036, 0064, 0398, 0695
America Action	0207
Ampro	0778
Amstrad	0198, 0036, 0064, 0398, 0439, 0460, 0543
Anam	0277, 0207, 0036
Anam National	0277, 0677
Anitech	0036
Apex Digital	0775, 0792, 0794
Audiosonic	0064, 0136
Audiovox	0478, 0207, 0119, 0650
Bang & Olufsen	0592
Basic Line	0036
Baur	0064, 0388, 0539
Baysonic	0207
Beaumarck	0205
Beko	0397, 0513, 0741, 0742
Bell & Howell	0181
Beon	0064
Blaupunkt	0222
Blue Sky	0695, 1064
Bondstec	0274
Bradford	0207
Brandt	0136, 0362
Broksonic	0263, 0490
Bush	0036, 0064, 0398, 0401, 0695, 1064
CCE	0064
CGE	0274
CTC	0274
CXC	0207
Candle	0057
Carnivale	0057
Carver	0081, 0197
Cascade	0036
Cathay	0064
Celebrity	0027
Celera	0792
Centurion	0064
Changhong	0792
Ching Tai	0036, 0119

TV
Source button name : TV

Brand name	Setup code
Chun Yun	0027, 0207, 0036, 0119
Chung Hsin	0207, 0080, 0135
Cimline	0036
Cineral	0478, 0119
Citizen	0087, 0057, 0119
Clarion	0207
Clarivox	0064
Clatronic	0274, 0397
Condor	0347, 0397
Conrac	0835
Contec	0207, 0036
Craig	0207
Crosley	0081
Crown	0207, 0036, 0064, 0397, 0445
Curtis Mathes	0074, 0081, 0181, 0478, 0120, 0087, 0729, 0057, 0172, 0193, 1174, 1374
Daewoo	0181, 0478, 0207, 0057, 0205, 1688, 0036, 0064, 0119, 0135, 0197, 0401, 0650, 0661
Dansai	0064
Dayton	0036
De Graaf	0235, 0575
Decca	0064, 0543
Denon	0172
Digatron	0064
Dixi	0036, 0064
Dumont	0044
Dwin	0747, 0801
ECE	0064
Elbe	0286
Electroband	0027
Elin	0064, 0575
Elite	0347
Elta	0036
Emerson	0181, 0263, 0490, 0207, 0205, 0388, 0650
Envision	0057, 0840
Epson	0860
Erres	0064
Ether	0057, 0036
Etron	0036
Europhon	0543
Ferguson	0064, 0100, 0136, 0265, 0314, 0362, 0587
Fidelity	0388
Finlandia	0235, 0373
Finlux	0064, 0131, 0132, 0373, 0543
Firstar	0263, 0036
Firstline	0036, 0274, 0695
Fisher	0181, 0131, 0235, 0397
Flint	0482
Formenti	0064, 0347
Fortress	0120
Frontech	0190, 0274, 0291
Fujitsu	0710, 0836
Funai	0207, 0198, 0291
Futurtech	0207

TV
Source button name : TV

Brand name	Setup code
GE	0074, 0078, 0478, 0207, 0057, 0205, 1481, 0119, 0587, 1174, 1374
GEC	0064, 0543
Gateway	1782, 1783
Geloso	0036
Genexxa	0190
Gibraltar	0044, 0057
GoldStar	0181, 0057, 0205, 0064, 0136, 0404
Goodmans	0064, 0398, 0401, 0661
Gorenje	0397
Gradiente	0080, 0197
Graetz	0190, 0388
Granada	0064, 0235, 0366, 0543
Grandin	0637
Grundig	0064, 0222, 0514, 0583, 0614
Grunpy	0207
HCM	0036, 0439
Hallmark	0205
Hankook	0207, 0057, 0205
Hanseatic	0064, 0347, 0388, 0455, 0583
Hantarex	0543
Harman/Kardon	0081
Harvard	0207
Havermy	0120
Hello Kitty	0478
Hinari	0036, 0064
Hisawa	0482
Hitachi	0057, 0205, 1172, 0172, 1283, 0036, 0119, 0132, 0136, 0190, 0252, 0383, 0508, 0575, 0605
Hua Tun	0036
Huanyu	0401
Hypson	0064, 0291
ICE	0291, 0398
ITS	0398
ITT	0190, 0388, 0575
Imperial	0274, 0397, 0445
Indiana	0064
Infinity	0081
Ingelen	0190
Inno Hit	0543
Innova	0064
Inteq	0044
Interfunk	0064, 0190, 0274, 0388, 0539
Intervision	0064, 0291, 0404
JBL	0081
JCB	0027
JVC	0490, 0080, 0398, 0680, 0710
Jean	0183, 0078, 0263, 0036, 0119
Jensen	0788
KEC	0207
KTV	0207, 0057
Kaisui	0036
Kapsch	0190
Karcher	0637

TV
Source button name : TV

Brand name	Setup code
Kathrein	0583
Kendo	0064
Kenwood	0057
Kneissel	0286, 0462
Kolin	0207, 0080, 0135
Korpel	0064
Koyoda	0036
L&S Electronic	0835
LG	0087, 0057, 0205, 0064, 0135, 0741
LXI	0074, 0081, 0181, 0183, 0205
Leyco	0064, 0291
Liesenk & Tter	0064
Loewe	0539
Luxor	0383, 0388
M Electronic	0036, 0064, 0131, 0132, 0136, 0190, 0314, 0373, 0401, 0507
MGA	0177, 0057, 0205
MTC	0087, 0057, 0539
Magnadyne	0274, 0543
Magnafon	0543
Magnavox	0081, 0057, 1481, 1281
Manesth	0291, 0347
Mark	0064
Matsui	0036, 0064, 0235, 0398, 0514, 0543
Matsushita	0277, 0677
Mediator	0064
Medion	0695, 0835, 1064
Megatron	0205, 0172
Memorex	0181, 0277, 0490, 0177, 0205, 0036, 1064
Metz	0474
Micromaxx	0835
Microstar	0835
Midland	0074, 0044, 0078
Minerva	0514
Minoka	0439
Mitsubishi	0181, 0277, 0120, 0263, 0207, 0177, 1277, 0057, 0205, 0135, 0539, 0863
Mivar	0318, 0319, 0543, 0636
Motorola	0120
Multitech	0207, 0036
Myryad	0583
NAD	0183, 0205, 0388, 0893
NEC	0181, 0183, 0078, 0057, 0205, 0036, 0197, 0482, 0524, 1731
NEI	0064
NTC	0119
Neckermann	0064, 0583
Netsat	0064
Newave	0120, 0205, 0036, 0119
Nikkai	0064, 0291
Nikko	0057, 0205, 0119
Nokia	0388, 0500, 0507, 0575, 0658
Norcent	0775, 0851
Nordmende	0136, 0314, 0587
Oceanic	0190, 0388

TV
Source button name : TV

Brand name	Setup code
Onwa	0207, 0460
Optimus	0181, 0277, 0193, 0677
Optonica	0120
Orion	0263, 0490, 0064, 0347, 0543
Osaki	0291, 0439
Otto Versand	0064, 0347, 0539, 0583
Palladium	0397, 0445
Panama	0291
Panasonic	0081, 0277, 0078, 0064, 0190, 0677, 1437
Pathe Cinema	0265, 0347
Pausa	0036
Penney	0074, 0183, 0078, 0087, 0057, 0205, 1374
Perdio	0347
Philco	0081, 0490, 0207, 0057, 0205, 0172, 1688, 0064, 0274
Philips	0081, 0027, 0078, 0057, 0205, 1481, 0064, 0119, 0135, 0401, 0583, 0717
Phonola	0064
Pilot	0057
Pioneer	0193, 0136, 0190, 0314, 0706, 0787, 0893
Portland	0119
Prandoni-Prince	0543
Prima	0788
Prism	0078
Profex	0036, 0388
Proscan	0074
Protech	0036, 0064, 0274, 0291, 0445, 0695
Proton	0057, 0205, 0036
Pulsar	0044
Quasar	0277, 0078, 0677
Quelle	0064, 0131, 0388, 0539
R-Line	0064
RCA	0074, 0027, 0057, 0205, 1474, 1481, 0117, 0119, 0706, 1074, 1174, 1274, 1374, 1574
RFT	0455
RadioShack	0074, 0181, 0207, 0057, 0205
Radiola	0064
Radiomarelli	0543
Realistic	0181, 0207, 0057, 0205
Rediffusion	0388
Reoc	0741
Revox	0064
Rex	0190, 0286, 0291
Roadstar	0036, 0291, 0445
Runco	0044, 0057, 0524, 0630
SBR	0064
SEG	0291, 0695
SEI	0543
SKY	0064
SSS	0207
Saba	0136, 0190, 0314, 0362
Saccs	0265
Sagem	0637
Saisho	0036, 0291, 0543
Salora	0190, 0383, 0388, 0575

TV

Source button name : TV

Brand name	Setup code
Sambers	0543
Sampo	0181, 0120, 0057, 0205, 0198, 0036, 0119, 0677, 1782
Samsung	0181, 0087, 0839, 0729, 0057, 0205, 0036, 0064, 0117, 0119, 0291, 0397, 0583, 0614, 0645, 0793, 0841
Sansei	0478
Sansui	0490
Sanyo	0181, 0207, 0131, 0235, 0366, 0826
Schaub Lorenz	0388
Schneider	0064, 0274, 0398, 0695
Scotch	0205
Scott	0263, 0207, 0205
Sears	0074, 0081, 0181, 0183, 0205, 0198
Seleco	0190, 0286
Semivox	0207
Semp	0183
Sharp	0120, 0057, 0677
Shen Ying	0036, 0119
Sheng Chia	0120, 0263, 0036
Siarom	0543
Siemens	0064, 0222
Sinudyne	0543
Skantic	0383
Skygiant	0207
Skyworth	0064
Solavox	0190
Sonitron	0235
Sonoko	0036, 0064
Sonolor	0190, 0235
Sontec	0064
Sony	1127, 0027, 0677, 0861, 1532, 1678
Soundesign	0207, 0205
Soundwave	0064, 0445
Sowa	0183, 0078, 0087, 0205, 0119
Squareview	0198
Standard	0036
Starlite	0207
Stern	0190, 0286
Supreme	0027
Sylvania	0081, 0057, 0198
Symphonic	0207, 0198
Synco	0027, 0478, 0120, 0087, 0205, 0119
Sysline	0064
T + A	0474
TCM	0835
TMK	0205
TNCi	0044
TVS	0490
Tacico	0205, 0036, 0119
Tai Yi	0036
Tandy	0120, 0190
Tashiko	0119, 0677
Tatung	0081, 0181, 0183, 0078, 0087, 0036, 0064, 0543

TV

Source button name : TV

Brand name	Setup code
Teac	0036, 0064, 0291, 0439, 0445, 0482, 0695, 1064
Tec	0274
Technema	0347
Technics	0277, 0078, 0677
Techwood	0078
Teco	0078, 0120, 0205, 0036, 0119, 0291, 0680
Teknika	0081, 0207, 0177, 0087, 0119
Telefunken	0729, 0136, 0289, 0362, 0652
Telemeister	0347
Teletech	0036
Tensai	0347
Tera	0057
Thomson	1474, 0136, 0314, 0587, 0652
Thorn	0064, 0131, 0388, 0539
Toshiba	0181, 0183, 0087, 1283, 0535, 0645, 0677, 0859, 1383, 1683, 1731
Triumph	0543
Tuntex	0057, 0036, 0119
Uher	0347
Universum	0064, 0131, 0132, 0291, 0373, 0397, 0519
Vector Research	0057
Vestel	0064
Victor	0277, 0080, 0677, 0680
Videosat	0274
Vidikron	0081
Vidtech	0205
ViewSonic	1782
Vision	0347
Voxson	0190
Waltham	0383
Wards	0081, 0057, 0205, 0893
Watson	0064, 0347
Waycon	0183
White Westinghouse	0490, 0064, 0347, 0650
Yamaha	0057, 0796, 0860
Yapshe	0277
Yoko	0064, 0291
Zenith	0044, 0490, 0205, 0119

VCR

Source button name : VCR

Brand name	Setup code
ASA	0064, 0108
Admiral	0075
Adventura	0027
Aiko	0305
Aiwa	0064, 0027, 0334, 0375, 0379
Akai	0068, 0342
Akiba	0099
Alba	0099, 0305, 0342, 0379
America Action	0305
American High	0062
Amstrad	0027

VCR

Source button name : VCR

Brand name	Setup code
Anam	0064, 0267, 0305, 0253, 0507
Anam National	0253, 1589
Anitech	0099
Asha	0267
Asuka	0064
Audiovox	0064, 0305
Baird	0027, 0131, 0068
Basic Line	0099, 0305
Beaumarck	0267
Bell & Howell	0131
Blaupunkt	0253
Brandt	0347
Brandt Electronic	0068
Broksonic	0211, 0375, 1506
Bush	0099, 0305, 0379
CCE	0099, 0305
CGE	0027
Calix	0064
Canon	0062
Carver	0108
Cimline	0099
Cineral	0305
Citizen	0064, 0305, 1305
Colt	0099
Combitech	0379
Craig	0064, 0074, 0267, 0099
Crown	0099, 0305
Curtis Mathes	0087, 0062, 0068, 1062
Cybernex	0267
Cyrus	0108
Daewoo	0072, 0131, 0305, 0669, 1305
Dansai	0099
De Graaf	0069
Decca	0108, 0027
Denon	0069
Dual	0068
Dumont	0108, 0027, 0131
Dynatech	0027
ESC	0267, 0305
Elcatech	0099
Electrohome	0064
Electroponic	0084
Emerex	0059
Emerson	0062, 0064, 0211, 0267, 0072, 0027, 0070, 0305, 1305, 1506
Ferguson	0068, 0347
Fidelity	0027
Finlandia	0108, 0131
Finlux	0108, 0027, 0069, 0131
Firstline	0064, 0072, 0070, 0099
Fisher	0074, 0131
Fuji	0062, 0060
Fujitsu	0072, 0027
Funai	0027
GE	0087, 0062, 0267, 0834, 1062, 1087

VCR

Source button name : VCR

Brand name	Setup code
GEC	0108
Garrard	0027
General	0072
Go Video	0459
GoldHand	0099
GoldStar	0064, 0252, 0507, 1264
Goodmans	0064, 0027, 0099, 0305
Gradiente	0027
Graetz	0267, 0131, 0068
Granada	0108, 0131
Grandin	0064, 0027, 0099
Grundig	0108, 0099, 0253, 0374
HCM	0099
HI-Q	0074
Hanseatic	0064
Harley Davidson	0027
Harman/Kardon	0108
Harwood	0099
Hinari	0267, 0099, 0379
Hitachi	0064, 0267, 0027, 0069, 0068
Hughes	0069
Network Systems	
Hypson	0099
ITT	0267, 0131, 0068
ITV	0064, 0305
Imperial	0027
Interfunk	0108
JVC	0072, 0094, 0068
Jensen	0068
KEC	0064, 0305
KLH	0099
Kaisui	0099
Kenwood	0094, 0068
Kodak	0062, 0064
Kolin	0070, 0068
Korpel	0099
LG	0064, 0072, 0069, 0507
LXI	0064
Lenco	0305
Leyco	0099
Lloyd's	0027
Loewe	0064, 0108, 1589
Logik	0267, 0099
Luxor	0075, 0131, 0070
M Electronic	0027
MEI	0062
MGA	0267, 0070
MGN Technology	0267
MTC	0267, 0027
Magnasonic	1305
Magnavox	0062, 0066, 0108, 0027, 1808
Magnin	0267
Manesth	0072, 0099
Marantz	0062, 0108
Marta	0064

VCR**Source button name : VCR**

Brand name	Setup code
Matsui	0375, 0379
Matsushita	0062
Medion	0375
Memorex	0062, 0064, 0075, 0066, 0074, 0267, 0027, 0131, 0334, 0375, 1264
Memphis	0099
Metz	0064, 0374, 1589
Minolta	0069
Mitsubishi	0108, 0094, 0070, 0068, 0834
Motorola	0062, 0075
Multitech	0027, 0099
Murphy	0027
Myryad	0108
NAD	0131
NEC	0062, 0064, 0075, 0131, 0094, 0068
National	0253
Neckermann	0108
Nesco	0099
Newave	0064
Nikko	0064
Noblex	0267
Nokia	0267, 0131, 0068
Nordmende	0068, 0347
Oceanic	0027, 0068
Okano	0342, 0375
Olympus	0062, 0253
Optimus	0064, 0075, 0131, 0459
Orion	0211, 0375, 0379, 1506
Osaki	0064, 0027, 0099
Otto Versand	0108
Palladium	0064, 0068, 0099
Panasonic	0062, 0252, 0253, 0643, 1062, 1589
Pathe Marconi	0068
Penney	0062, 0064, 0267, 0069, 1062, 1264
Pentax	0069
Perdio	0027
Philco	0062
Philips	0062, 0108, 0645, 1108, 1208
Phonola	0108
Pilot	0064
Pioneer	0108, 0069, 0094
Polk Audio	0108
Profitronic	0267
Proline	0027
Proscan	0087, 1087
Protec	0099
Pulsar	0066
Pye	0108
Quasar	0062, 1062
Quelle	0108
RCA	0087, 0062, 0267, 0069, 0834, 1062, 1087
RadioShack	0027
Radiola	0108
Radix	0064
Randex	0064

VCR**Source button name : VCR**

Brand name	Setup code
Realistic	0062, 0064, 0075, 0074, 0027, 0131
Reoc	0375
ReplayTV	0641, 0643
Rex	0068
Roadstar	0064, 0267, 0099, 0305
Runco	0066
SBR	0108
SEG	0267
SEI	0108
STS	0069
Saba	0068, 0347
Salora	0070
Sampo	0064, 0075
Samsung	0267, 0072, 0459
Sanky	0075, 0066
Sansui	0027, 0094, 0068, 1506
Sanyo	0074, 0267, 0131
Saville	0379
Schaub Lorenz	0027, 0131, 0068
Schneider	0108, 0027, 0099
Scott	0211, 0072, 0070
Sears	0062, 0064, 0074, 0027, 0069, 0131, 1264
Seleco	0068
Semp	0072
Sharp	0075, 0834
Shintom	0131, 0099
Shogun	0267
Siemens	0064, 0108, 0131
Silva	0064
Singer	0072, 0099
Sinudyne	0108
Sonic Blue	0641, 0643
Sontec	0064
Sony	0062, 0059, 0060, 0027, 0663, 1259
Sunkai	0375
Sunstar	0027
Suntronic	0027
Sylvania	0062, 0108, 0027, 0070, 1808
Symphonic	0027
TMK	0267
Tandy	0027, 0131
Tashiko	0064, 0027
Diamond	0795
Digitrex	0699
Emerson	0618
Tatung	0108, 0072, 0027, 0094, 0068
Teac	0027, 0068, 0305, 0334, 0669
Technics	0062, 0253
Teco	0062, 0064, 0075, 0068
Teknika	0062, 0064, 0027
Teleavia	0068
Telefunken	0068, 0347
Tenosai	0099
Tensai	0027
Thomas	0027

VCR**Source button name : VCR**

Brand name	Setup code
Thomson	0087, 0094, 0068, 0347
Thorn	0131, 0068
Tivo	0645, 0663
Toshiba	0108, 0072, 0094, 0070, 0068, 0872
Totevision	0064, 0267
Uher	0267
Unitech	0267
Universum	0064, 0108, 0267, 0027
Vector	0072
Victor	0094, 0068
Video Concepts	0072
Videomagic	0064
Videosonic	0267
Villain	0027
Wards	0087, 0062, 0075, 0074, 0108, 0267, 0027, 0069, 0099
White Westinghouse	0099
XR-1000	0062, 0027, 0099
Yamaha	0068
Yamishi	0099
Yokan	0099
Yoko	0267
Zenith	0066, 0060, 0027, 1506

DVD**Source button name : DVD**

Brand name	Setup code
MARANTZ DVD1	0001
MARANTZ DVD2	0002
Acoustic Solutions	0757
Alba	0744
Amstrad	0740
Apex Digital	0699, 0744, 0782, 0821, 0823, 0857, 1127
Blaupunkt	0744
Blue Parade	0598
Bush	0740
Centrex	0699
Clatronic	0815
CyberHome	0741
DVD2000	0548
Daewoo	0811, 0797
Dansai	0797
Decca	0797
Denon	0517
Enterprise	0618
Fisher	0697
GE	0549, 0744
Go Video	0742
GoldStar	0768
Gradiente	0678
Greenhill	0744
Grundig	0566
Hitachi	0600, 0691
Hiteker	0699

DVD**Source button name : DVD**

Brand name	Setup code
JVC	0585, 0650
KLH	0744
Kenwood	0517, 0561
Koss	0678
LG	0768
Limit	0795
Magnavox	0530, 0702
Memorex	0858
MICO	0750
Microsoft	0549
Mintek	0744
Mitsubishi	0548
Mustek	0757
Nesa	0744
Onkyo	0530
Oritron	0678
Palsonic	0699
Panasonic	0517, 0659, 1389
Philips	0530, 0566, 0673, 0881
Pioneer	0552, 0598, 0658, 0659
Polk Audio	0566
Proscan	0549
Qwestar	0678
RCA	0549, 0598, 0744
Rotel	0650
SM Electronic	0757
Samsung	0600
Sanyo	0697
Sharp	0657
Sherwood	0797
Shinsonic	0560
Slim Art	0811
Sony	0560, 0891
Sylvania	0702
Tatung	0797
Teac	0598, 0744
Technics	0517
Theta Digital	0598
Thomson	0549
Toshiba	0530
Urban Concepts	0530
XBox	0549
Yamaha	0517, 0566, 0572
Zenith	0530, 0618, 0768
Zeus	0811

DIRECT BUTTON FUNCTIONS

Source button name : AMP

PAGE	Command	Note
PAGE 1	1 AUTO	SELECT AUTO SURROUND
	2 DOLBY	SELECT DOLBY MODE
	3 DTS	SELECT DTS MODE
	4 EX/ES	SELECT EX/ES
	5 DIRECT	SELECT SOURCE DIRECT
PAGE 2	1 MCH-ST	SELECT MULTI CHANNEL STEREO
	2 STEREO	SELECT STEREO MODE
	3 VIRTUA	SELECT VIRTUAL MODE
	4 CS-II	SELECT CS-II MODE
	5 HT-EQ	SELECT HT-EQ
PAGE 3	1 NIGHT	NIGHT MODE ON/OFF
	2 BASS +	BASS +
	3 BASS -	BASS -
	4 TREB +	TREBLE +
	5 TREB -	TREBLE -
PAGE 4	1 MULTI	MULTI ROOM ON/OFF
	2 M-SPKR	MULTI SPEAKER ON/OFF
	3 A/D	SELECT ANALOG/DIGITAL
	4 V-OFF	VIDEO OFF
	5 AUDIO	BILINGAL SELECT

Source button name : TUNER

PAGE	Command	Note
PAGE 1	1 FM	SELECT FM
	2 AM	SELECT AM
	3 LW	SELECT LW
	4 T-MODE	SELECT MONO/STEREO
	5 BAND	SELECT RADIO BAND
PAGE 2	1 SCAN +	FREQUENCY SCAN UP
	2 SCAN -	FREQUENCY SCAN DOWN
	3 T-MODE	SELECT MONO/STEREO
	4 P-SCAN	SELECT PRESET SCAN
	5 P-INFO	SHOW PRESET INFORMATION
PAGE 3	1 DISP	RDS DISPLAY
	2 PTY	RDS PTY
	3 AF	RDSALTERNATE FREQUENCY
	4 STM	RDS STATION MODE
	5 DWR	RDS DSR WAVE LANGUAGE
PAGE 4	1 MULTI	MULTI ROOM ON/OFF
	2 M-SPKR	MULTI SPEAKER ON/OFF
	3	
	4 P-SET +	PRESET UP
	5 P-SET -	PRESET DOWN

Source button name : DVD

PAGE	Command	Note
PAGE 1	1 MENU	SELECTS MAIN MENU
	2 AUDIO	SELECT LANGUAGES
	3 SUB-T	SELECT SUB TITLE
	4 10+	DIGIT ENTRY +10
	5 TRAY	TRAY OPEN/CLOSE
PAGE 2	1 SETUP	SELECTS SETUP MENU
	2 ANGLE	SELECTS ANGLE
	3 OSD	ACTIVATES ON SCREEN DISPLAY
	4 FF	FAST FORWARD
	5 REW	REWIND
PAGE 3	1 SLOW	SLOW FORWARD
	2 L-PLAY	LAST PLAY
	3 SHUFLE	SHUFFLE PLAY
	4 REPEAT	REPEAT MODE
	5 A/B	REPEAT A TO B
PAGE 4	1 RETURN	RETURN TO MENU
	2 T/C	TITLE AND CHAPTER
	3 3-D	SURROUND ON/OFF
	4 TITLE	SELECTS TITLE MENU
	5 ZOOM	ZOOM MODE ON/OFF

Source button name : CD

PAGE	Command	Note
PAGE 1	1 DISC +	CD CHANGER NEXT DISC
	2 DISC -	CD CHANGER PREVIOUS DISC
	3 SHUFLE	SHUFFLE PLAY
	4 REPEAT	REPEAT
	5 TRAY	TRAY OPEN/CLOSE
PAGE 2	1 TEXT	ACTIVATE TEXT FUNCTION
	2 AMS	AUTO MUSIC SCAN
	3 SCROLL	SCROLL/RECALL
	4 FF	FAST FORWARD
	5 REW	REWIND
PAGE 3	1 DISC 1	CD CHANGER DISC 1
	2 DISC 2	CD CHANGER DISC 2
	3 DISC 3	CD CHANGER DISC 3
	4 DISC 4	CD CHANGER DISC 4
	5 DISC 5	CD CHANGER DISC 5
PAGE 4	1 UNIT	SELECT UNIT No.
	2 TITL-S	SELECT TITLE SEARCH
	3 TRACK	SELECT TRACK No.
	4 CATGRY	SELECT CATEGORY
	5 P-MODE	SELECT PLAY MODE

Source button name : VCR

PAGE	Command	Note
PAGE 1	1 TV/VCR	SELECT TV/VCR
	2 2XPLAY	TWICE NORMAL PLAYBACK SPEED
	3 SLOW	SLOW PLAYBACK SPEED
	4 STILL	STILL FRAME
	5 EJECT	EJECT
PAGE 2	1 OTR	ONE TOUCH RECORDING
	2 AUDIO	SELECT AUDIO MODE
	3 SKIP	SKIP TO NEXT PROG.MARKER
	4 FF	FAST FORWARD
	5 REW	REWIND
PAGE 3	1 VIS +	VHS INDEX SERCH NEXT
	2 VIS-	VHS INDEX SERCH PREVIOUS
	3	
	4	
	5	

Source button name : CDR

PAGE	Command	Note
PAGE 1	1 INPUT	SELECT INPUT SOURCE
	2 INCR	INCREMENTS TRACK No.
	3 SYNC-R	ACTIVATE SYNCRO RECORDING
	4 PROG	ACTIVATE PROGRAM MODE
	5 TRAY	TRAY OPEN/CLOSE
PAGE 2	1 SCROLL	SCROLL/RECALL
	2 FINAL	FINALIZES(WRITES TOC)
	3 BLANK	RECORDS BLANK
	4 FF	FAST FORWARD
	5 REW	REWIND
PAGE 3	1 BLANK	RECORDS BLANK
	2 REPEAT	ACTIVATE REPEAT MODE
	3	
	4	
	5	

Source button name : TAPE

PAGE	Command	Note
PAGE 1	1 TAPE-A	SELECT TAPE DECK A
	2 TAPE-B	SELECT TAPE DECK B
	3 DIR	AUTO REVERSE DIRECTION
	4 TIME	TIME DISPLAY
	5 TRAY	TRAY OPEN/CLOSE
PAGE 2	1 AMS	AUTO MUSIC SCAN
	2	
	3	
	4 FF	FAST FORWARD
	5 REW	REWIND

Source button name : MD

PAGE	Command	Note
PAGE 1	1 REPEAT	SELECTS REPEAT MODE
	2 SHUFLE	SELECTS SHUFFLE PLAY
	3 DISP	SELECTS DISPLAY MODE
	4 EDIT	SELECT EDIT MODE
	5 EJECT	EJECT
PAGE 2	1 SP/LP	SELECTS SP/LP MODE
	2 DELETE	SELECTS DELETE
	3 ENTER	SELECTS ENTER
	4 FF	FAST FORWARD
	5 REW	REWIND
PAGE 3	1 MARKER	SELECTS AUTO MARKER
	2 PROG	SELECTS PROGRAM MODE
	3 SYNC-R	SYNCRO REC
	4 CHAR	SELECTS CHARACTER MODE
	5	