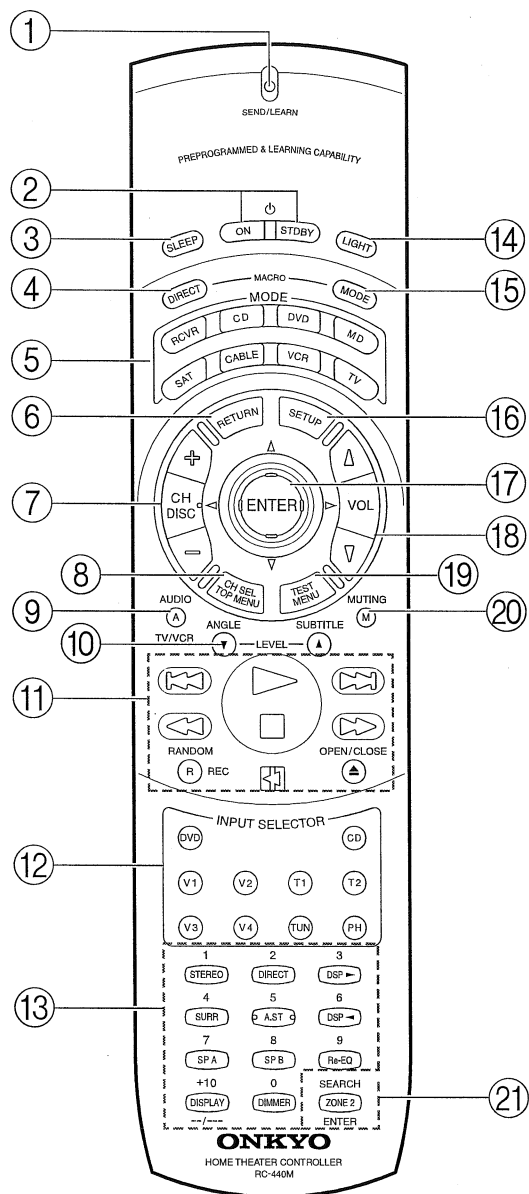# Remote controller

ONKYO
HOME THEATER CONTROLLER
RC-440M

① **SEND/LEARN indicator [50, 54, 56]**

This indicator acts as a guide when commands are programmed into or sent by the remote controller. It also warns the user when an error is made or battery power is low.

② **ON/STDBY button [19, 47-50, 52, 53, 60]**

ON: Turns on the TX-DS696.

STDBY: Places the TX-DS696 in the standby state.
Be aware that pressing the STDBY button only places the TX-DS696 in standby and does not turn the power completely off.

③ **SLEEP button [30]**

Sets the sleep function.
The SLEEP button enables you to set the TX-DS696 to turn off automatically after a specified time period.

④ **DIRECT MACRO button [58, 59]**

For executing and programming the Direct Macro function.

⑤ **MODE buttons and indicators [19, 26, 46-59]**

For selecting the component to be operated by the remote controller. When a MODE button is pressed, it will light green for 8 seconds. The selected MODE button will also light whenever any other operation button is pressed to tell you which mode the remote controller is in.

⑥ **RETURN button [35, 48]**

For entering the selected setting and returning to the previous menu.

⑦ **CH/DISC ÷/= button [26, 46-48, 52, 53]**

When in the RCVR mode, for selecting a tuner preset channel.
For selecting the disc to be played back for components with disc changers when in the DVD or CD modes.

⑧ **CH SEL/TOP MENU button**

CH SEL: For selecting the speaker for level adjustment when in the RCVR mode. Used together with the LEVEL ▲/▼ buttons. [30]

TOP MENU: When in the DVD mode, for displaying the menu screen(s) recorded on DVD media. [48]

⑨ **AUDIO/A/TV/VCR button**

AUDIO/A: For selecting the audio input signal. The setting changes from "AUTO" to "Multich" to "Analog" and back each time this button is pressed. [31, 48]

TV/VCR: Must be preprogrammed for use in the TV and VCR modes. [53]

⑩ **LEVEL ▼/ANGLE and LEVEL ▲/SUBTITLE buttons**

LEVEL ▼/▲: Select the speaker whose volume is to be adjusted using the CH SEL button and adjust the volume using the LEVEL ▲/▼ buttons in the RCVR mode. [30]

ANGLE: When in the DVD mode, for selecting a camera angle when a DVD-Video is recorded with multiple angle playback. [48]

SUBTITLE: When in the DVD mode, for selecting one of the subtitle languages recorded on a DVD-Video. [48]

⑪ **CD/TAPE/DVD/MD operation buttons [46-48, 53]**

For operating Onkyo components connected to the TX-DS696.

Remote controller

⑫ INPUT SELECTOR buttons [26, 29, 45, 46, 49]

Selects an input source.
Same as the input selector buttons on front panel of the TX-DS696.
The input source for each buttons is given here. DVD:DVD, CD:CD, V1:VIDEO1, V2:VIDEO2, V3:VIDEO3, V4:VIDEO4, T1:TAPE, T2:Not used with the TX-DS696, TUN:FM/AM, PH:PHONO.

⑬ Numeric key/Listening mode selector/SP A, B/ Re-EQ/DISPLAY/DIMMER buttons

1 to 9, +10, --/---, 0: For entering the number of a track. [47-50, 52, 53]

STEREO, DIRECT, DSP ◄/►, SURR, A.ST: You can select a listening mode. [33]

Re-EQ: Depending on the listening mode, you can turn the cinema re-equalization function on or off. [33]

SP A, SP B: Not used with the TX-DS696.

DISPLAY: For changing the display in the front display. [30, 50]

DIMMER: Adjusts the display brightness.
There are three settings available: normal, dark and very dark. [30]

⑭ LIGHT button

For illuminating the buttons of the remote controller.

This is button is useful when using the remote controller in dark locations. When pressed, the buttons on the remote controller light green.

The button for the mode currently selected lights brighter than the rest.

⑮ MODE MACRO button [57, 59]

For executing and programming the Macro function.

⑯ SETUP button [35]

For displaying and quitting the Setup menu.

⑰ ENTER/cursor button [35, 48]

When selecting items in the Setup menu, press the upper and lower portions to select item, press the right and left portions to select parameter values or modes, and press ENTER to select item.

⑱ VOL Δ/∇ button [29, 31, 46-49, 52, 53]

For adjusting the volume.

⑲ TEST/MENU button

TEST: Outputs a test tone for setting speaker levels.
Use this button in conjunction with the LEVEL ▲/▼ and CH SEL buttons to calibrate the speakers levels without entering the Setup menu. When TEST button is pressed, the test noise (pink noise) is output. Use the LEVEL ▲/▼ buttons to increase or decrease the sound level. Use the CH SEL button to change from speaker to speaker. For a more detailed explanation of how to calibrate the speaker levels, see page 24.

MENU: When in the DVD mode, this button displays the DVD menu. [48, 52]

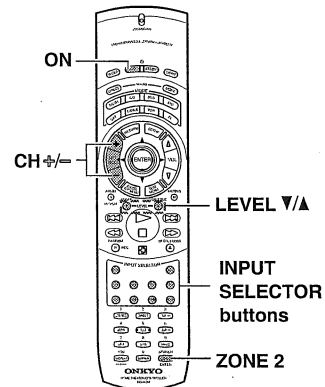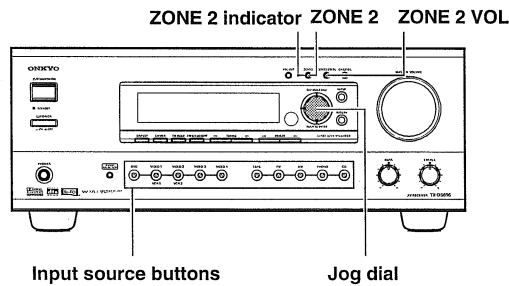**⑳ MUTING/M button [29, 46-49, 52, 53]**

Activates the mute function.

㉑ ZONE 2/SEARCH/ENTER button

ZONE 2: When in the RCVR mode, press this button to perform operations on the remote zone (Zone 2). [45]

SEARCH: When in the DVD mode, for finding the specific section on a disc where you want to start playback. [48]

ENTER: When in the MD mode, for confirming the selection. [49, 52-54, 56, 60]

11

Enjoying music in the remote zone

ZONE 2 indicator ZONE 2 ZONE 2 VOL

Input source buttons   Jog dial

ON

CH ÷/−

LEVEL ▼/▲

INPUT SELECTOR buttons

ZONE 2

Here is an explanation of how to setup speakers in a room separated from the TX-DS696 so that you can listen to audio sources remotely.

Selecting an input source and adjusting the volume on the TX-DS696

1. **Press the ZONE 2 button on the TX-DS696.**

2. **Select a source.**

   After pressing the ZONE 2 button, you must press an input source button within 3 seconds. The ZONE 2 indicator lights.

   Ex.: When the CD button is pressed.

   Zone2Sel:CD

   To select the same source for the remote zone that is selected for the main zone, press the ZONE 2 button again until "Zone2Sel:SOURCE" appears in the display.

   Zone2Sel:SOURCE

   When "Zone2Sel:Off" is displayed, the output to the remote zone is turned off.

   Caution:
   If you are not using the system in the remote zone, always press the ZONE 2 button consecutively to turn the ZONE 2 function off.

3. **Press the ZONE 2 LEVEL button.**

   "Zone2 Level" appears for approximately three seconds.

   Zone2 Level

4. **While "Zone 2 Level" is displayed, turn the jog dial to adjust the volume to the desired level.**

Tip:
When using Zone 2, even if you put the TX-DS696 in the standby state, it will not affect Zone 2 and the volume in Zone 2 can still be adjusted. Moreover, components that have their power supply connect to the AC OUTLET connector on the TX-DS696 will not be turned off.

Selecting an input source and adjusting the volume using the remote controller

Turning on the Zone 2 and putting it in the standby state when the TX-DS696 is in the standby state:
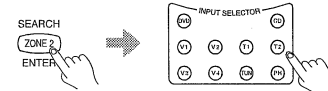After pressing the ZONE 2 button, press the ON/STDBY button within 5 seconds.
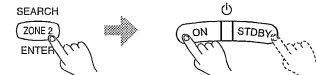
Selecting an input source:
After pressing the ZONE 2 button, press an input source button within 5 seconds.

If tuner is selected with the TUN button, the CH +/- button becomes enabled.

Adjusting the volume:
After pressing the ZONE 2 button, adjust the volume using the LEVEL ▲/▼ buttons within 5 seconds.

Notes:
- If you wish to use the remote controller from a separate room or other location where the signals will not reach the TX-DS696, you will need to purchase a commercially available remote control sensor and emitter.
- After you press the ZONE 2 button on the remote controller, the STANDBY indicator on the TX-DS696 flashes for five seconds. During this time, you will not be able to perform operations in the main zone using the remote controller.
- If the source for the main zone is selected as the source for the remote zone and the source for the main zone is changed, then the source for the remote zone will change as well.
- In the remote zone, you can only play the source in the 2-channel mode. You cannot play the source in the remote zone in the surround mode.
- When you are listening to a source in the remote zone (Zone 2), you can only play sources in the Stereo or Direct modes in the main zone. Therefore, when sources playing from the multichannel input in the main zone, audio from the left and right surround speakers will not be output.
- The REC OUT and ZONE 2 buttons use the same circuit and therefore cannot be used at same times. If the REC OUT button is pressed in the main room while someone is using the system in the remote zone, the Zone 2 function will be deactivated and the source will turn off in the remote zone.
- The Zone 2 terminal is an analog output. Digital signals are not output. If no sound is heard from the selected input source, check if the component is connected to the analog inputs.

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Using remote controller

Overview

The RC-440M remote controller is a useful tool to help you operate the components of your home theater. To do so, first press the Mode button that corresponds to the device you wish to control. Then simply press the desired operation button and the component will operate accordingly. For example, if you wish to select the CD input source at the TX-DS696 with the remote controller, first press the RCVR MODE button to select the TX-DS696 and then press the CD (INPUT SELECTOR) button.
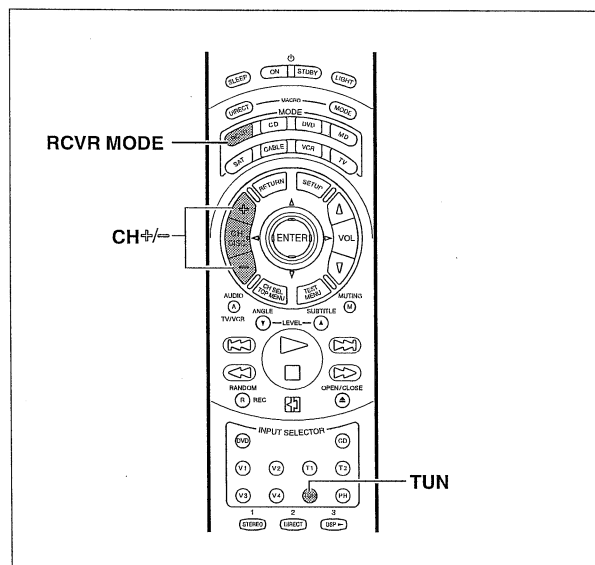
Calling up a preset radio station

1. **Press the RCVR MODE button.**

   The RCVR MODE button lights green.

2. **Press the TUN input selector button.**

3. **Press the CH ✛ or ━ button to select the desired preset station number.**
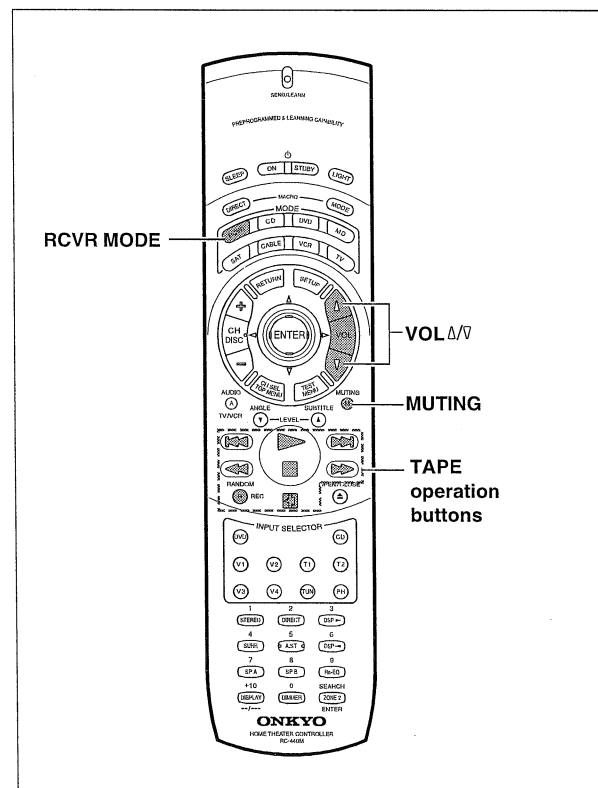
Controlling an Onkyo cassette tape deck

The **Я I** connector of the Onkyo cassette tape deck must be connected to the TX-DS696 (see page 16).

1. **Press the RCVR MODE button.**

   The RCVR MODE button lights green.

2. **Press the desired operation button.**

   The buttons shaded in the figure to the left are the operation buttons that can be used to control an Onkyo cassette tape deck.

Operation buttons:

▷: Play

□: Stop

◁◁: Rewind

▷▷: Fast forward

▷▷|: Press during playback to skip to the beginning of the next track.

|◁◁: Press during playback to skip to the beginning of the current track.

R (Rec): Record/Pause

⧉: Reverse playback

You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

Note:
Even for devices with the |◁◁ and ▷▷| buttons, signal discrepancies may cause them not to work properly.

Using remote controller

ON

STDBY

CD MODE

DISC⊕

VOL △/▽

MUTING

CD operation buttons

Numeric keys
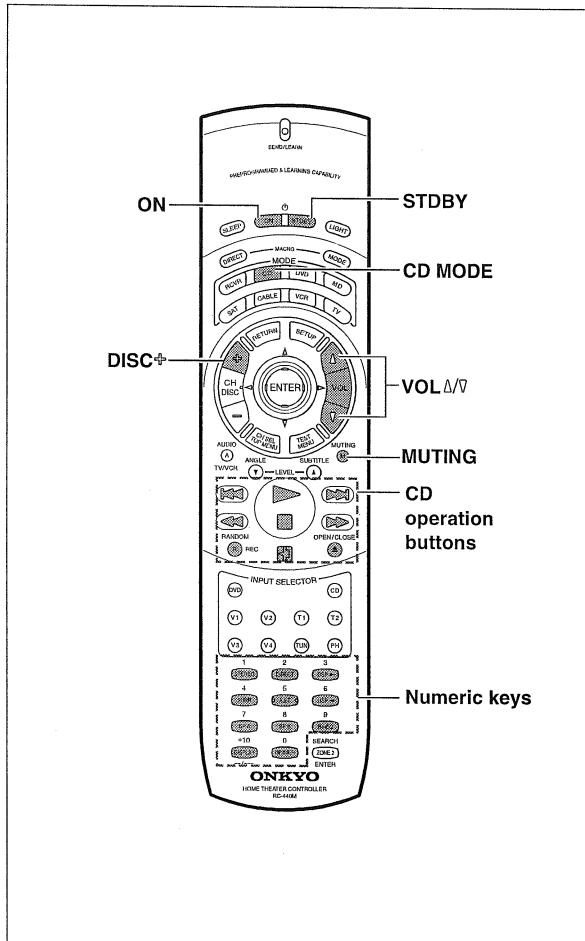
Controlling an Onkyo CD player

The **RI** connector of the Onkyo compact disc player must be connected to the TX-DS696 (see page 16).

1. Press the CD MODE button.

The CD MODE button lights green.

2. Press the desired operation button.

The buttons shaded in the figure to the left are the operation buttons that can be used to control an Onkyo compact disc player.

Operation buttons:

ON: Turns on and off the compact disc player (same as **STDBY** button on the remote controller).

DISC ⊕: Selects a disc in the CD changer

⏮: Track down

⏭: Track up

▷: Play

□: Stop

◁◁: Fast reverse

▷▷: Fast forward

⏸: Pause

OPEN/CLOSE ≙: Open/close the disc tray

**0, 1 to 9, +10:** Numeric keys

RANDOM/R: For random playback.

You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

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Using remote controller

ON—
RETURN—
ENTER/Cursor button—
DISC⊕/⊖—
TOP MENU—
AUDIO—
ANGLE—

—STDBY
—DVD MODE
—SETUP
—VOL △/▽
—MENU
—MUTING
—SUBTITLE
—DVD operation buttons
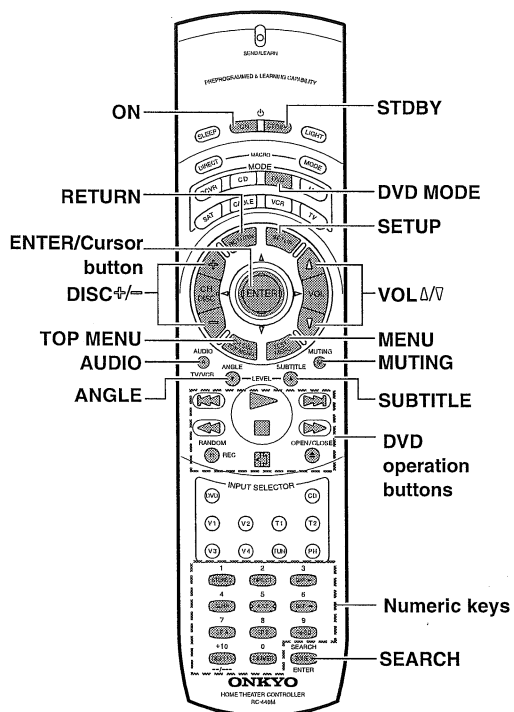—Numeric keys
—SEARCH

Controlling an Onkyo DVD player

The **RI** connector of the Onkyo DVD player must be connected to the TX-DS696 (see page 16).

1. Press the DVD MODE button.
The DVD MODE button lights green.

2. Press the desired operation button.
The buttons shaded in the figure to the left are the operation buttons that can be used to control an Onkyo DVD player.

Operation buttons:

ON: Turns the DVD player on and off

STDBY: Turns the DVD player off. (Some sets may not respond to this button. In this case, use the ON button to put the DVD player in the standby state.)

SETUP: Displays the menu

△/▽/◁/▷: Moves the cursor

ENTER: Confirms the selection

RETURN: Return button

TOP MENU or MENU: Displays the menu screen(s) recorded on DVD media.

DISC ⊕/⊖: Selects a disc in the DVD changer.

AUDIO: Press repeatedly to select an audio and/or language track recorded on a DVD-Audio/Video.

ANGLE: Press repeatedly to select a camera angle when a DVD-Video is recorded with multiple angle playback.

SUBTITLE: Press repeatedly to select one of the subtitle languages recorded on a DVD-Video.

SEARCH: Press to find the specific section on a disc where you want to start playback.

RANDOM/R: Press to start random playback.

◁◁: Chapter/Track down

▷▷: Chapter/Track up

▷: Play

□: Stop

◁◁: Fast reverse

▷▷: Fast forward

⧖: Pause

OPEN/CLOSE ≜: Open/close the disc tray

0, 1 to 9, +10: Numeric keys
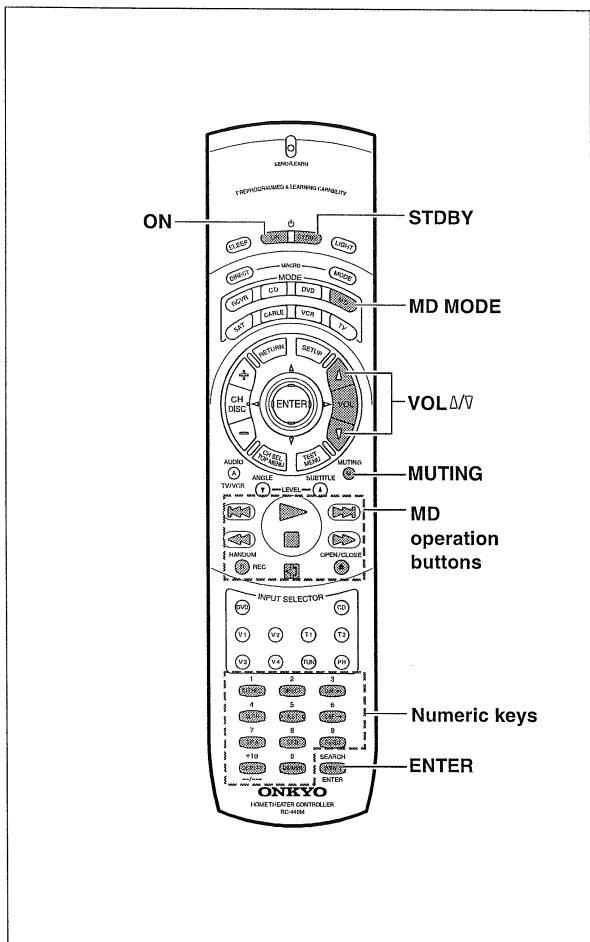
You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

Note:
When operating an Onkyo DVD player directly with the remote controller without connecting the **RI** terminals, pre-programming is necessary (see page 50).

Using remote controller

ON ——— STDBY

——— MD MODE

——— VOL △/▽

——— MUTING

——— MD operation buttons

——— Numeric keys

——— ENTER

ONKYO
HOME THEATER CONTROLLER
RC-440M

Controlling an Onkyo MD recorder

The **R I** connector of the Onkyo MD recorder must be connected to the TX-DS696 (see page 16).

1. Press the MD MODE button.

The MD MODE button lights green.

2. Press the desired operation button.

The buttons shaded in the figure to the left are the operation buttons that can be used to control an Onkyo MD recorder.

Operation buttons:

ON: Turns on and off the MD player (same as **STDBY** button on the remote controller).

[◁◁]: Track down

[▷▷]: Track up

▷: Play

□: Stop

◁◁: Fast reverse

▷▷: Fast forward

R (Rec): Record
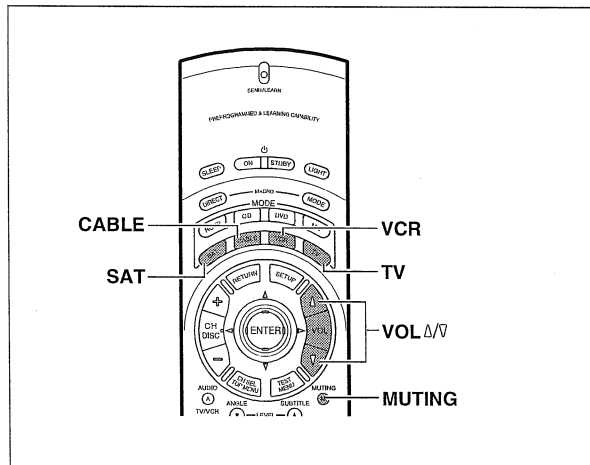
▣ : Pause

▲: Eject the disc

1 to 9, 0, --/---: Numeric keys

ENTER: Enters the settings

You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

CABLE ——— VCR

SAT ——— TV

——— VOL △/▽

——— MUTING

SAT, CABLE, VCR, and TV MODE buttons

No preset codes are programmed into the SAT, CABLE, VCR, and TV MODE buttons. You can use these buttons to program the remote controller signals of other devices.

There are two methods. One method is selecting the name of a different brand from the table, entering the setting number listed, and calling up the pre-programming code (see page 50). The other method is learning the commands from the other brand's remote control directly into this remote controller (see page 54).

When in the SAT, CABLE and VCR mode, you may use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

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Learning a pre-programming code

The remote controller has three learning functions. One is entering the signal number for a remote controller of another brand that is pre-programmed. Another is a normal learning function that enables the remote controller to learn the codes from other remote controllers. And the last is a macro learning function that enables you to program a series of operations into the remote controller so that the operations can all be performed at once by pressing one button.
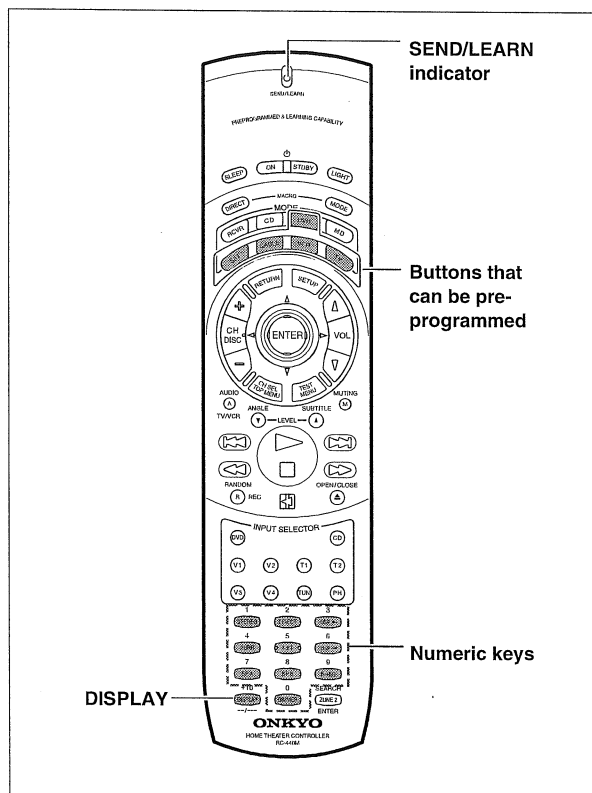
Caution

With some brand's components, some buttons may not work correctly. In this case, program the command separately.

Learning a pre-programming code

By learning a pre-programming code, you can make the RC-440M remote controller able to operate a product from another brand. The buttons that are used for operation are given on the next page.

1. **Find the 3-digit number for the brand name of the component that you want to operate in the table on the next page.**

2. **Turn on the component that you want to operate (i.e. DVD, satellite tuner, or television).**

3. **While holding down the MODE button on the RC-440M that you want to program, press the DISPLAY button, and then release both buttons.**

   The SEND/LEARN indicator lights when the MODE button is pressed and turns off when the DISPLAY button is pressed. Wait until the indicator turns off before releasing both buttons. Then the SEND/LEARN indicator lights again.

4. **Within 30 seconds, enter the 3-digit code number.**

   The SEND/LEARN indicator flashes twice slowly. If the SEND/LEARN indicator quickly flashes three times, then either a mistaken 3-digit code was entered or an incorrect operation was performed. If this occurs, return to step 3.

5. **Press the button that you programmed and check if the system operates correctly.**

   If the component turns off, the code is correct. If the component does not turn off, return to step 3.

6. **If it still does not operate properly, then program the commands one by one to the buttons on the RC-440M remote controller.**

When entering the code of Onkyo DVD players:
There are three SETTING numbers. Choose the SETTING number according to how you will be using the DVD player.

No. 601/613: These codes are for operating the Onkyo DVD player by pointing the remote controller directly at it, either because it does not have an ꓤ I terminal, or it does but you are not using an ꓤ I cable and connecting it. First enter 601 and if it does not operate properly, enter 613.

No. 600: This code is for Onkyo DVD players that have an ꓤ I terminal that you are connecting to the TX-DS696 with an ꓤ I cable. You will then operate the DVD player by pointing the remote controller at the remote control sensor on the TX-DS696. You do not need to enter this code because it is factory preset. However, if the code has been changed to 601 or 613, then you will need to change it back to 600.

Learning a pre-programming code

Pre-programmong codes

Note:
If more than one code is given in the table, try the code one by one until you reach the code for your component (i.e. if the first code does not work, then try the next).

DVD

BRAND	SETTING No.
DENON	602, 609
HITACHI	603
JVC	604
KENWOOD	605
MAGNAVOX	606, 613
MARANTZ	607
MITSUBISHI	608, 613
ONKYO	600, 601, 613
PANASONIC	609
PIONEER	610
PROSCAN	611
RCA	611
SONY	612
TOSHIBA	613
YAMAHA	609, 614
ZENITH	613, 615

SAT

BRAND	SETTING No.
ECHOSTAR	700
GENERAL INSTRUMENTS	701
HITACHI	702
HUGHES NETWORK SYSTEMS	703
PANASONIC	704
PRIMESTAR	705
PROSCAN	706, 707
RCA	706, 707
SONY	708
TOSHIBA	709

CABLE

BRAND	SETTING No.
GENERAL INSTRUMENTS	500
GEMINI	501
HAMLIN	502, 503, 504, 505
JERROLD	500, 506, 507, 508, 509, 510, 511, 512, 513, 514
MACOM	515, 516, 517
MAGNAVOX	518
OAK	519, 520, 521
PANASONIC	522, 523
PHILIPS	524, 525, 526, 527, 528, 529
PIONEER	530, 531
SCIENTIFIC ATLANTA	532, 533, 534
SAMSUNG	535
TOCOM	536
ZENITH	537, 538

VCR

BRAND	SETTING No.
AIWA	300, 301, 302
AKAI	303, 304, 305, 306, 307
BAIRD	308
BELL & HOWELL	309
BLAUPUNKT	310
CGM	311, 312, 313
COLTINA	314
DAEWOO	315, 316
DIGITAL	317
EMERSON	318, 319, 320, 321, 322
FENNER	323
FISHER	324, 325, 326, 327
FUJITSU GENERAL	328
FUNAI	329
GE	330, 331
GO VIDEO	332, 336, 337
GOLDSTAR	333, 334
GOODMANS	335
GRUNDIG	338
HITACHI	339, 340, 341
JVC	342, 343, 344, 345, 346, 347, 348, 349, 350
LOEWE	351, 352
MAGNAVOX	353, 354, 355
MITSUBISHI	356, 357, 358, 359, 360, 361, 362, 363, 364
NEC	365, 366, 367
NOKIA	313
NORDMENDE	368, 369, 370
OKANO	371, 372
ORION	319, 373
PANASONIC	374, 375, 376, 377, 378
PHILIPS	353, 379, 380
PHONOLA	311
PIONEER	381
RCA	382
SABA	383
SAMSUNG	384, 385, 386, 387, 388, 389, 390
SANYO	391, 392, 393
SCOTT	394
SELECO	395
SHARP	396, 397, 398, 399
SHINTOM	400
SIEMENS	401
SONY	402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413
SYMPHONIC	414
TEKNIKA	414, 415
TELEFUNKEN	416, 417
TOSHIBA	418, 419, 420
WHITE WESTINGHOUSE	333
WATSON	421
ZENITH	422

TV

BRAND	SETTING No.
AIWA	100, 101
AKAI	102, 103, 104
AUDIOSONIC	105
BELL & HOWELL	106
BLAUPUNKT	107
BRIONVEGA	108, 109
CENTURION	110
COLTINA	111, 112, 113
CORONAD	114
CROWN	115, 116
DAEWOO	117, 118, 119, 120, 121
DUAL	122
EMERSON	123, 124, 125, 126, 127
FENNER	128, 129
FERGUSON	130, 131
FISHER	132
FUNAI	133, 134, 135
FUJITSU GENERAL	136, 137, 138
GE	139, 140, 141
GOLDSTAR	142, 143
GOODMANS	144
GRUNDIG	145, 146
HITACHI	147, 148, 149, 150
HYPER	151
INNO HIT	152
IRRADIO	103
JVC	153, 154, 155, 156, 157
KENDO	158
KTV	159, 160
LUXOR	161
MAGNAVOX	162, 163
MARANTZ	164
MARK	165
MATSUI	166, 167, 168, 169
MITSUBISHI	170, 171, 172, 173
MIVAR	174, 175
NEC	176, 177
NOKIA	178, 179, 180, 181
OCEANIC	181
NORDMENDE	182, 183
OKANO	152
ORION	184, 185, 186
PANASONIC	187, 188, 189, 190
PHILIPS	152, 162, 191
PIONEER	192, 193
PROSCAN	194
QUASAR	195
RADIO SHACK	196
RCA	110, 141, 197, 198, 199, 200
SABA	182, 183, 201
SAMSUNG	202, 203, 204, 205, 206, 207, 208
SANYO	209, 210, 211, 212
SCHNEIDER	103
SEARS	213
SELECO	214, 215
SHARP	216, 217
SONY	218, 219, 220, 221, 222, 223
SYMPHONIC	224, 225
TELEFUNKEN	201, 226, 227
THOMSON	228
TOSHIBA	213, 229
UNIVERSUM	230
ZENITH	231, 232

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Operating your programmed remote controller

After performing the procedure given above, the following modes become enabled for use.
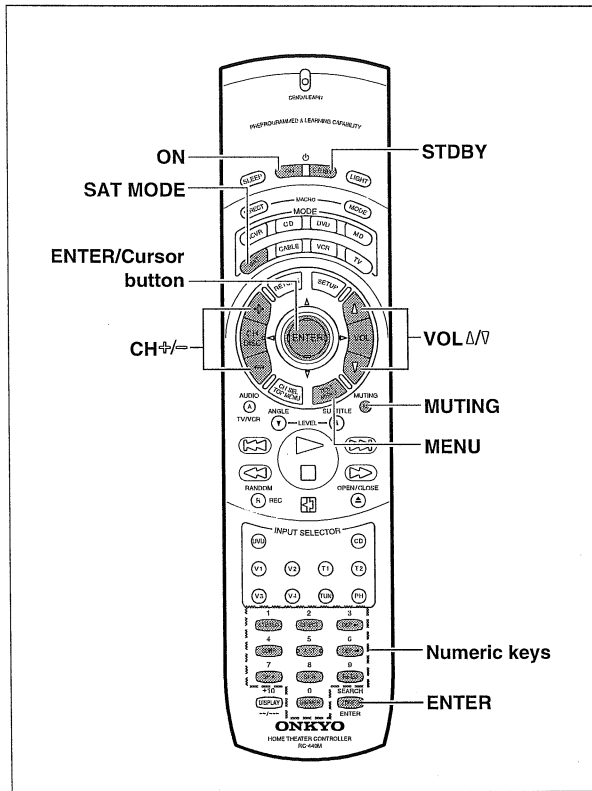
DVD MODE (DVD Player Mode)

Buttons with programmed usage and operations are the same as the operational buttons on page 48.

SAT MODE (Satellite Tuner Mode)

1. Press the SAT MODE button.

The SAT button lights green.

2. Press the desired operation button.

The buttons shaded in the figure to the left are the operation buttons that can be used to control your satellite tuner unit.

The buttons given below have operations programmed into them.

ON: Turns on and off the satellite tuner unit (same as **STDBY** button on the remote controller)

CH ⊕/⊝: Moves up and down the preset channel numbers

△/▽/◁/▷: Moves the cursor

ENTER: Confirms the selection

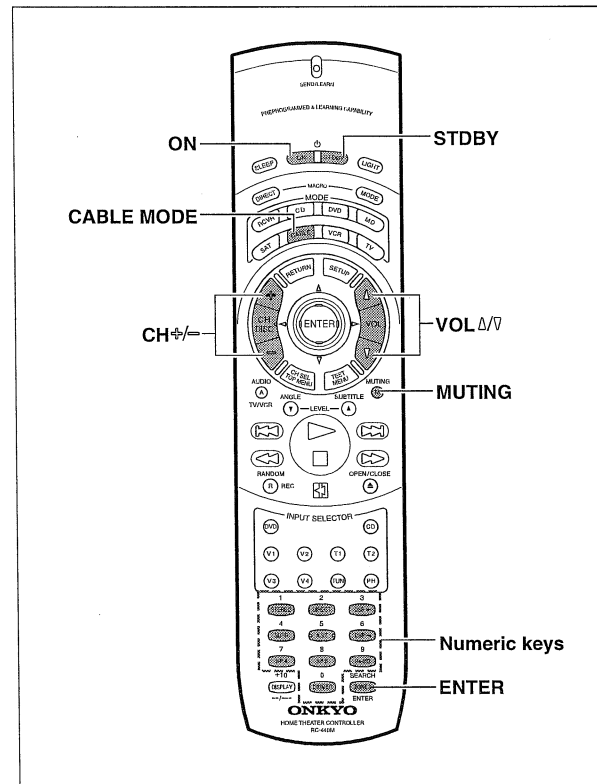**MENU:** Displays the menu

0,1 to 9: Numeric keys

ENTER: Confirm

You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

CABLE MODE (Cable Tuner Mode)

1. Press the CABLE MODE button.

The CABLE button lights green.

2. Press the desired operation button.

The buttons shaded in the figure to the left are the operation buttons that can be used to control your cable tuner unit.

The buttons given below have operations programmed into them.

ON: Turns on and off the cable tuner unit (same as **STDBY** button on the remote controller)

CH ⊕/⊝: Moves up and down the preset channel numbers
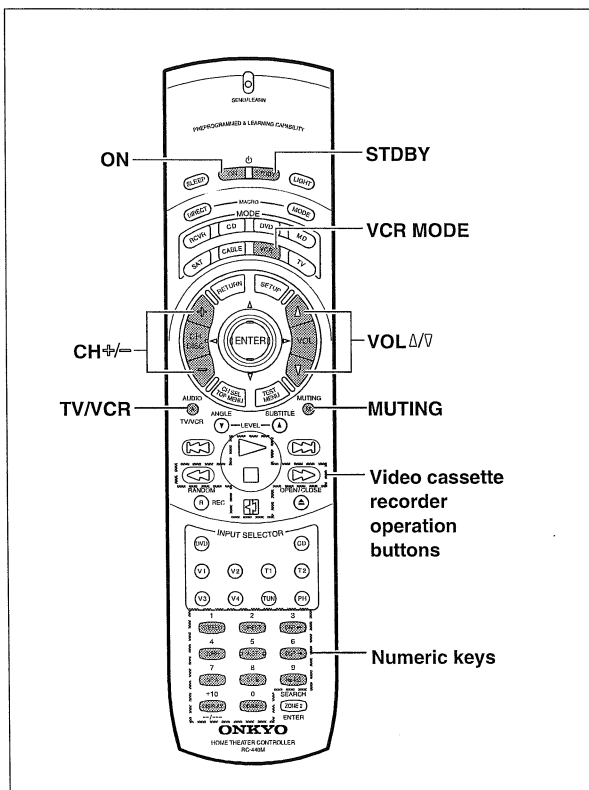
0,1 to 9: Numeric keys

ENTER: Confirm

You may also use the following buttons:

VOL △/▽: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

Operating your programmed remote controller

ON — STDBY

VCR MODE

CH+/—

VOL Δ/∇

TV/VCR — MUTING

Video cassette recorder operation buttons

Numeric keys

VCR MODE (VCR Mode)

1. **Press the VCR MODE button.**

   The VCR button lights green.

2. **Press the desired operation button.**

   The buttons shaded in the figure to the left are the operation buttons that can be used to control your VCR.

The buttons given below have operations programmed into them.

ON: Turns on and off the VCR (same as **STDBY** button on the remote controller)

CH +/—: Moves up and down the preset channel numbers

TV/VCR: Switches the AV input for the VCR
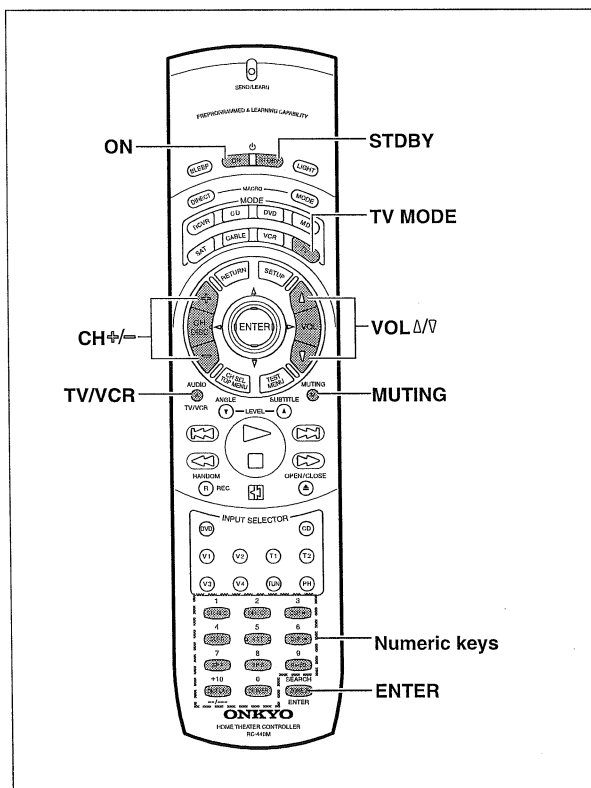
▷: Play

□: Stop

◁◁: Rewind

▷▷: Fast Forward

❚❚: Pause

0,1 to 9, +10: Numeric keys

You may also use the following buttons:

VOL Δ/∇: Adjusts the volume at the TX-DS696

MUTING: Activates the muting function at the TX-DS696

ON — STDBY

TV MODE

CH+/—

VOL Δ/∇

TV/VCR — MUTING

Numeric keys

ENTER

TV MODE (TV Mode)

1. **Press the TV MODE button.**

   The TV button lights green.

2. **Press the desired operation button.**

   The buttons shaded in the figure to the left are the operation buttons that can be used to control your television.

The buttons given below have operations programmed into them.

ON: Turns on and off the television (same as **STDBY** button on the remote controller)

CH +/—: Moves up and down the television channels

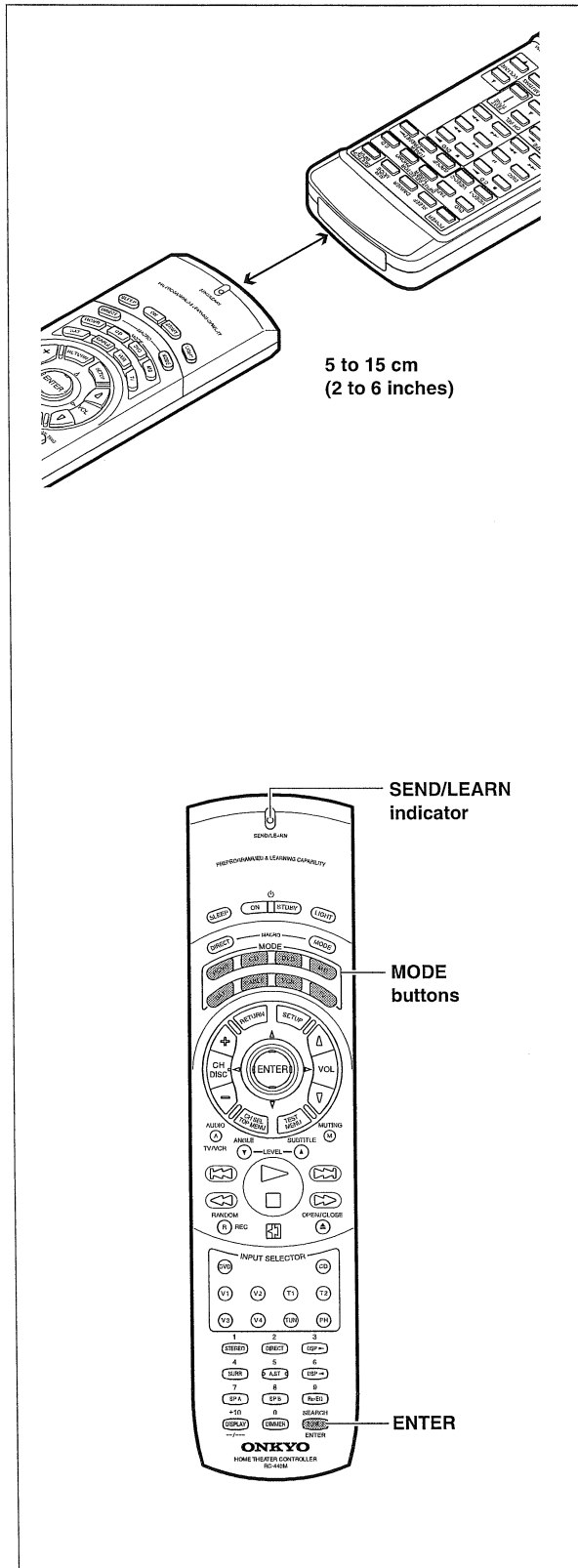**TV/VCR:** Switches the TV/VCR input for the television

0,1 to 9, +10: Numeric keys

ENTER: Confirm

VOL Δ/∇: Adjusts the volume at the television

MUTING: Activates the muting function at the television

Programming the commands of remote controllers for other devices into the remote controller

**5 to 15 cm
(2 to 6 inches)**

SEND/LEARN indicator

MODE buttons

ENTER

Programming procedure

When programming the commands of another remote controller to the RC-440M remote controller, you must first decide under which MODE button you want the commands to be linked. In general, you will select the MODE button that corresponds to the component you are programming. For example, if you are programming the functions from a remote controller for a compact disc player, you would choose the CD MODE button. Then, by pressing the CD MODE button, the buttons on the RC-440M remote controller will change to the commands you program here to operate the compact disc player.

After programming which MODE button to use, you will then transfer the separate commands from the other remote controller over to the RC-440M remote controller one at a time. Each command is then programmed to a different button on the RC-440M remote controller. Any button is programmable for this step except for the eight MODE buttons (RCVR, CD, DVD, MD, SAT, CABLE, VCR, and TV), the two MACRO buttons (DIRECT and MODE), and the LIGHT button.

Even after the commands have been memorized, keep your old remote controller in a safe place. If for some reason the commands are lost (e.g., when the batteries run down), it will be necessary to memorize them once again.

1. **Place the remote controller and the remote controller for the other device facing each other at a distance of 5 to 15 cm (2 to 6 inches) apart.**

2. **While pressing and holding down the desired MODE button on the remote controller, press the ENTER button and then release both buttons.**

   When you press and hold down the MODE button, the SEND/LEARN indicator lights. When you press the ENTER button, the lamp turns off. When you release the buttons, the lamp lights again.

3. **Press and release the button on the remote controller to which you want to transfer the next command.**

   You may select any button but the eleven ones indicated in the figure below. When you press the button, the SEND/LEARN indicator turns off. When you release the button, the indicator lights again.

   If you press the wrong button by mistake, press that same button again. The SEND/LEARN indicator flashes twice, and the remote controller exits the programming mode.

MODE DIRECT — LIGHT
— MODE MACRO
— MODE buttons
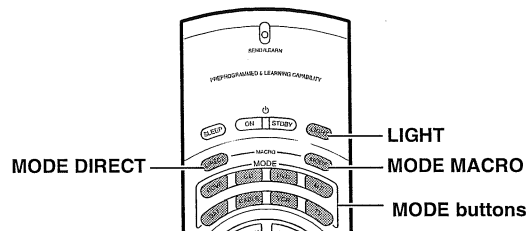
▓ : Buttons that cannot be programmed.

Programming the commands of remote controllers for other devices into the remote controller

4. **Press and hold down the button (that corresponds to the command you are programming) on the remote controller of the other device until the SEND/LEARN lamp on the remote controller flashes twice.**

   After flashing twice, the SEND/LEARN indicator will light again.

5. **Repeat Steps 3 and 4 to transfer all the commands you desire from the other remote controller and program them to buttons on the remote controller under the same MODE.**

   Repeat Steps 2 through 4 to program commands to a different MODE (e.g., when programming from a different remote controller).

6. **Press the MODE button that you pressed in step 2 to complete the programming.**

7. **Operate the newly programmed buttons to make sure the learning function was performed properly.**

Notes:
- The remote controller codes for Onkyo compact disc players, cassette tape decks, DVD players, and mini disc recorder have already been programmed into buttons on the remote controller. You may, however, use these buttons to program the codes for other remote controllers. If you wish to restore the Onkyo preset codes after you program new codes, you must first erase the new codes (see page 56).
- The remote controller has 408 memory slots (8 modes × 51 buttons). Some remote controllers may have more commands that can be remembered by the remote controller. In such cases, it will be necessary for you to determine which commands are more important than others.
- If no button is pressed for more than 30 seconds during the programming, or if you perform an invalid operation during programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 2.
- If a failure occurs during programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 3.
- If a failure occurs five times in row during programming, the remote controller exits the programming mode. Resume from Step 3.
- If you try to program beyond the learning capacity of the remote controller, the SEND/LEARN indicator flashes six times quickly, and the remote controller exits the programming mode. Try programming under a different MODE button.
- When you want to program a command to a button to which you have already programmed a command, simply follow the same procedure given and programming for that button will be overwritten.
- The remote controller uses infrared rays to send its commands, as do most other remote controllers. Though most remote controller codes can be memorized by the remote controller, be aware that some remote controllers use a system that is quite different from the remote controller and therefore may not be able to be programmed.
- Some remote controllers have a single button that performs multiple functions (for example, the function may change each time the button is pressed). If this is the case, each function must be programmed to a separate button on the remote controller.
- Once you have transferred the commands from the other remote controller, refer to the instruction manual that came with that product for instructions on how to operate that product.
- Make sure both the remote controller and the other remote controller have new batteries. If either of them has batteries that are low, you may not be able to program the commands of the other remote controller properly into the remote controller.

See page 56 for how to erase the memorized commands from all buttons.

Programming the commands of remote controllers for other devices into the remote controller

SEND/LEARN indicator
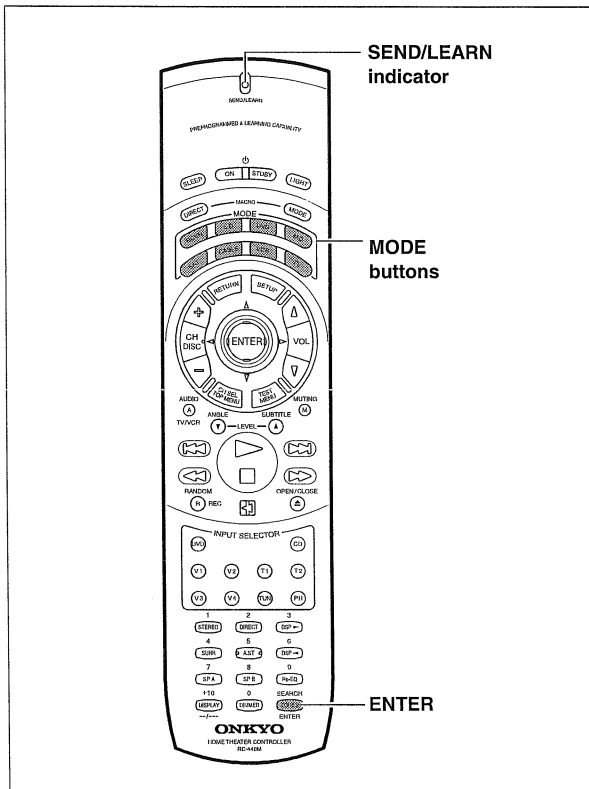
MODE buttons

ENTER

Erasing the programmed command from one button

You can only erase memorized commands and not preset ones.

1. **Press and hold down the desired MODE button for the command, press the ENTER button, and then release both buttons.**

   When you press the MODE button, the SEND/LEARN indicator lights. When you press the ENTER button, the lamp turns off. When you release the buttons, the lamp lights again.

2. **Press and release the button for the command you wish to erase.**
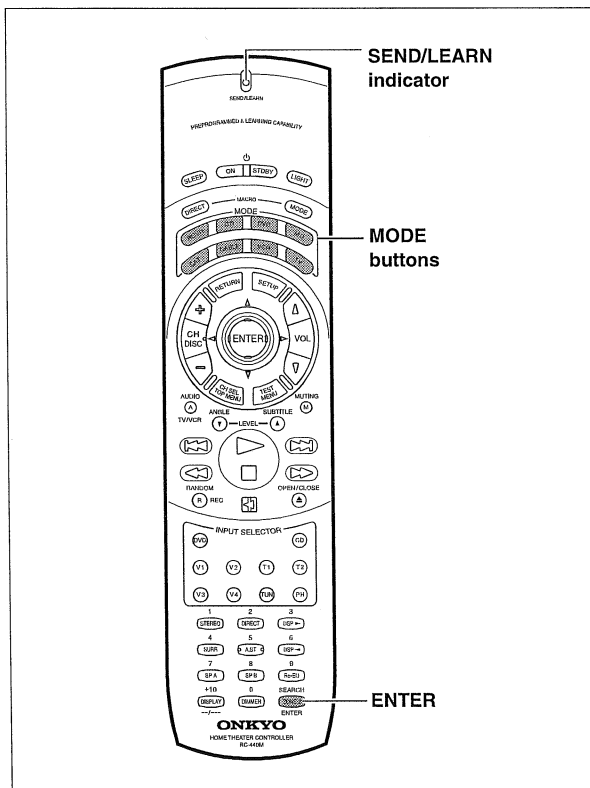
   When you press the button, the SEND/LEARN indicator turns off. When you release the button, the lamp lights again.

3. **Press and release the same button again.**

   The SEND/LEARN lamp flashes twice slowly. The memorized command is erased.

Note:
If no button is pressed for more than 30 seconds during the erasing procedure, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the erasing mode. Resume from Step 1.

SEND/LEARN indicator

MODE buttons

ENTER

Erasing all the commands programmed under a MODE button

1. **Press and hold down the desired MODE button, press the ENTER button twice, and then release both buttons.**

   When you press the MODE button, the SEND/LEARN indicator lights. When you press the ENTER button, the lamp turns off. When you release the buttons, the lamp flashes twice slowly and then lights again.

2. **Press and release the same MODE button again.**

   When you release the button, the SEND/LEARN indicator flashes twice slowly. This erases all the commands memorized to the MODE button.

Notes:
- If no button is pressed for more than 30 seconds during the erasing procedure, the SEND/LEARN indicator flashes three times quickly and the remote controller exits the erasing mode. Resume from Step 1.
- If you perform an invalid operation during erasing, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the erasing mode. Resume from Step 1.
- If many commands have been programmed to the MODE button, then the SEND/LEARN indicator may remain lit for up to 20 seconds during Step 2. This is not a malfunction.

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Using a Macro function

What is a Macro function?

A Macro function enables you to program a series of button operations (up to 16) on the remote controller into a single button. For example, to play a compact disc player connected to the TX-DS696 normally, you must perform the following steps:

1. **Press the RCVR MODE button.**

2. **Press the ON button.**

3. **Press the CD (INPUT SELECTOR) button.**

4. **Press the CD MODE button.**

5. **Press the playback (▷) button.**

By using the macro function, you can perform the above five operations by **only pressing two buttons**.
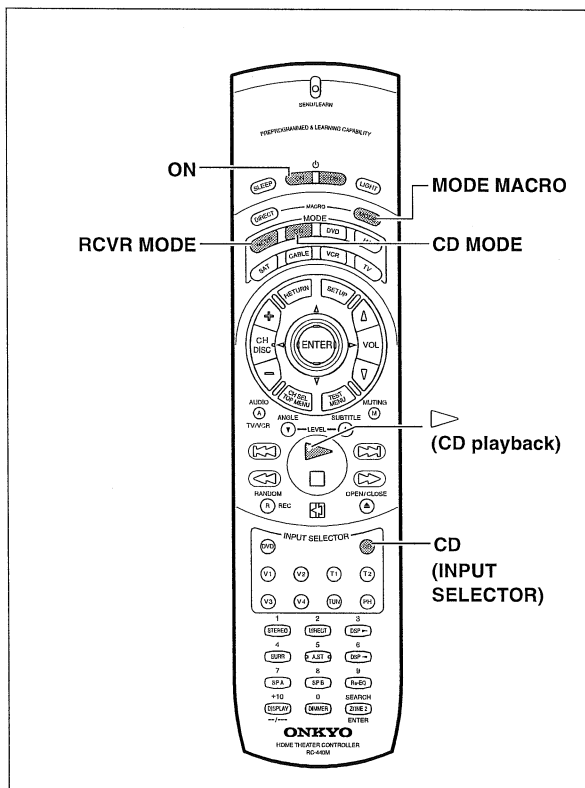
Tips:
- If you erase or change the command of a button programmed in a macro, that operation of that button will no longer work in the macro. In this case, it will be necessary for you to reprogram the macro in order to avoid incorrect operation.
- The codes programmed into a macro will be transmitted at an interval of 0.5 seconds. However, some devices may not be able to complete one operation in 0.5 seconds and may miss the next code. In this case, after pressing one operation button, you can press the same MODE button again before pressing the next operation button to add another 0.5 seconds between the two operations.

Programming a Macro function

You can program a different macro into the MODE MACRO button for each of the eight MODE buttons. The macro is then executed by pressing the appropriate MODE button and then pressing the MODE MACRO button. For example, to program the macro described above into the CD MODE button, perform the steps given below.

1. **Press and hold down the desired MODE button (in this case, the CD MODE button), press the MODE MACRO button, and then release both buttons.**

   When you press the CD MODE button, the SEND/LEARN indicator lights and the CD MODE button lights green. When you press the MODE MACRO button, the indicator turns off. When you release the buttons, the indicator flashes and lights again.

2. **Press the operation buttons you wish to program in order (in this case, press RCVR MODE → ON → CD (INPUT SELECTOR) → CD MODE → playback (▷) button).**

   When you press each button, the SEND/LEARN indicator turns off. When you release the button, the indicator lights.

3. **Press the MODE MACRO button to complete the programming.**

   The SEND/LEARN indicator flashes twice slowly.

4. **Run the macro to check to see if the macro has been properly programmed.**

Notes:
- You may program up to 16 button operations into each macro function. If you try to program a 17th operation, it will be ignored, and programming is stopped.
- If no button is pressed for more than 30 seconds during the programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 1.
- If you perform an invalid operation during programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 1.

Running a Macro function

Perform the procedure below to run a macro function that you have programmed into the remote controller. After programming a macro, you should always run it at least once to make sure that it has been programmed properly.

1. **Point the remote controller at the TX-DS696 and press the CD MODE button.**

2. **Press the MODE MACRO, and verify that the devices operate properly.**

   It may take a while for the macro to finish transmitting, so be sure to continue pointing the remote controller at the device until the SEND/LEARN indicator turns off.

Using a Macro function
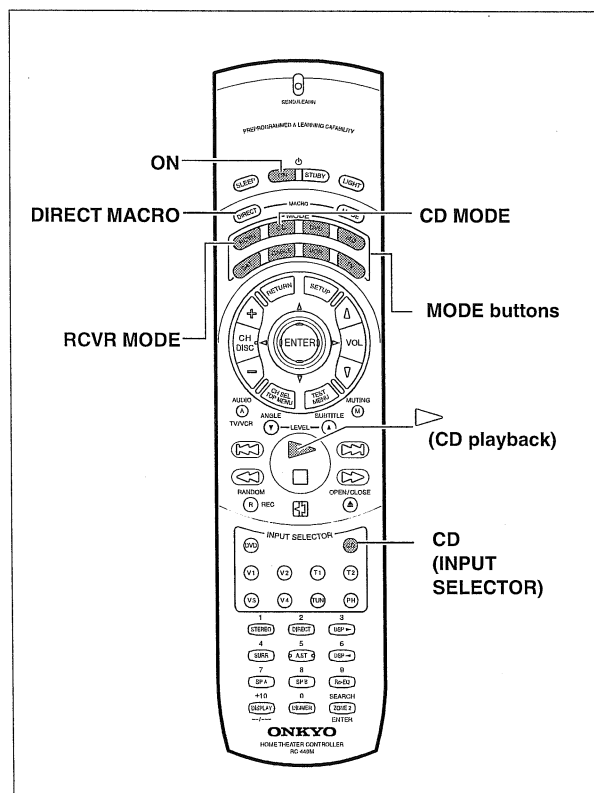
Tips:
- If you erase or change the command of a button programmed in the direct macro, that operation of that button will no longer work in the macro. In this case, it will be necessary for you to reprogram the direct macro in order to avoid incorrect operation.
- The codes programmed into a direct macro will be transmitted at an interval of 0.5 seconds. However, some devices may not be able to complete one operation in 0.5 seconds and may miss the next code. In this case, after pressing one operation button, you can press the same MODE button again before pressing the next operation button to add another 0.5 seconds between the two operations.

Programming the Direct Macro function

With the direct macro function, you can program a series of button operations as a macro into the DIRECT MACRO button so the macro can be executed with just one touch. Note that for the direct macro function, only one macro can be programmed. For example, to program the macro described on the previous page for the DIRECT MACRO button, perform the steps given below.

1. **Press and hold down any one of the eight MODE buttons, press the DIRECT MACRO button, and then release both buttons.**

   When you press the MODE button, it lights green and the SEND/LEARN indicator lights. When you press the DIRECT MACRO button, the indicator turns off. When you release the buttons, the indicator flashes briefly and then lights again.

2. **Press the operation buttons you wish to program in order (in this case, press RCVR MODE → ON → CD (INPUT SELECTOR) → CD MODE → playback (▷) button).**

   When you press each button, the SEND/LEARN indicator turns off. When you release the button, the indicator lights.

3. **Press the DIRECT MACRO button to complete the procedure.**

   The SEND/LEARN indicator flashes twice slowly.

4. **Check to see if the macro has been properly programmed.**

Notes:
- You may program up to 16 button operations into the direct macro function. If you try to program a 17th operation, it will be ignored, and programming is stopped.
- If no button is pressed for more than 30 seconds during the programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 1.
- If you perform an invalid operation during programming, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the programming mode. Resume from Step 1.


Running a Direct Macro function

Perform the procedure below to run a direct macro function that you have programmed into the remote controller. After programming a direct macro, you should always run it at least once to make sure that it has been programmed properly.

1. **Point the remote controller at the TX-DS696 and press the DIRECT MACRO button.**

   It may take a while for the macro to finish transmitting, so be sure to continue pointing the remote controller at the device until the SEND/LEARN indicator turns off.

Using a Macro function

MODE MACRO
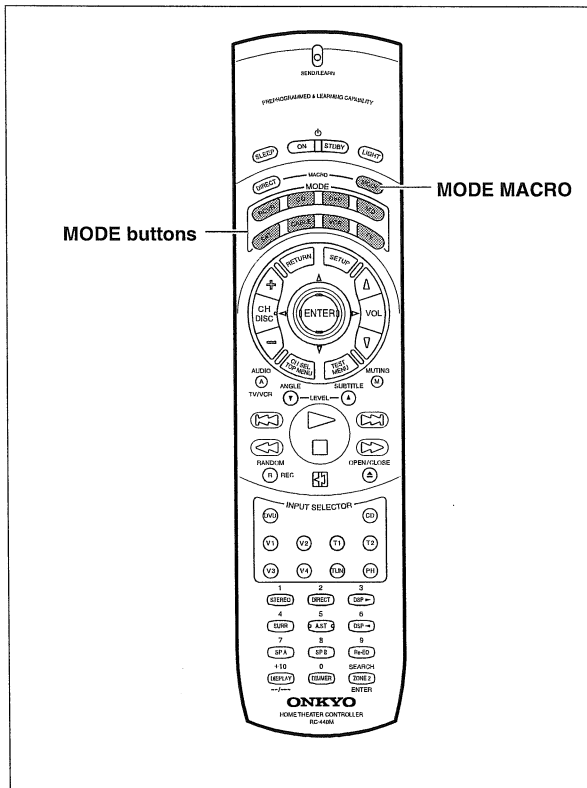
MODE buttons

Erasing a macro from the MODE MACRO button

1. **Press and hold down the desired MODE button, press the MODE MACRO button, and then release both buttons.**
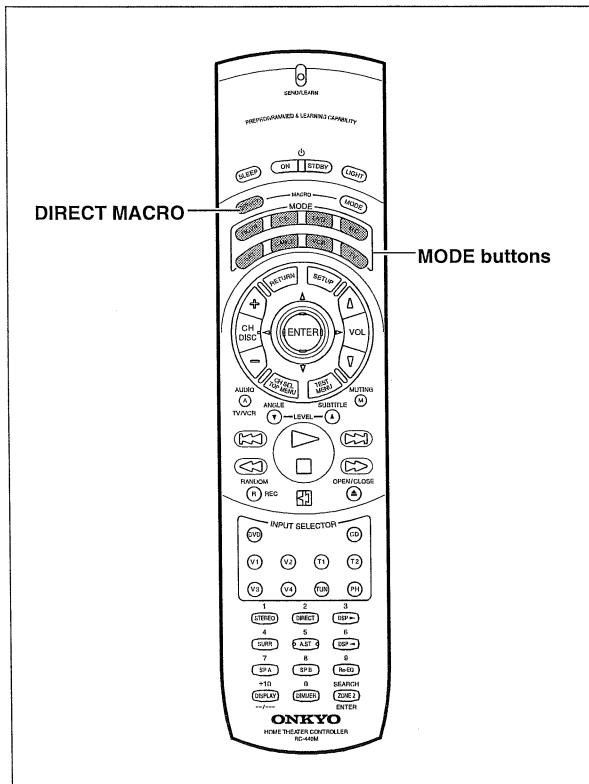
   When you press the MODE button, it lights green and the SEND/LEARN indicator lights. When you press the MODE MACRO button, the indicator turns off. When you release the buttons, the indicator flashes once.

2. **Press the MODE MACRO button again.**

   The SEND/LEARN indicator flashes twice slowly. The macro programmed to the MODE button pressed in Step 1 above is erased.

Notes:
- If no button is pressed for more than 30 seconds during the erasing procedure, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the erasing mode. Resume from Step 1.
- Be aware that if you press a button other than MODE MACRO button in Step 2, then you will in effect be overwriting the previous macro with a new macro.

DIRECT MACRO

MODE buttons

Erasing a direct macro from the DIRECT MACRO button

1. **Press and hold down any one of the eight MODE buttons, press the DIRECT MACRO button, and then release both buttons.**

   When you press the MODE button, it lights green and the SEND/LEARN indicator lights. When you press the DIRECT MACRO button, the indicator turns off. When you release the buttons, the indicator flashes once.

2. **Press the DIRECT MACRO button again.**

   The SEND/LEARN indicator flashes twice slowly. The macro programmed to the DIRECT MACRO button is erased.

Notes:
- If no button is pressed for more than 30 seconds during the erasing procedure, the SEND/LEARN indicator flashes three times quickly, and the remote controller exits the erasing mode. Resume from Step 1.
- Be aware that if you press a button other than DIRECT MACRO button in Step 2, then you will in effect be overwriting the previous direct macro with a new direct macro.

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Using a Macro function

ON — STDBY

ENTER
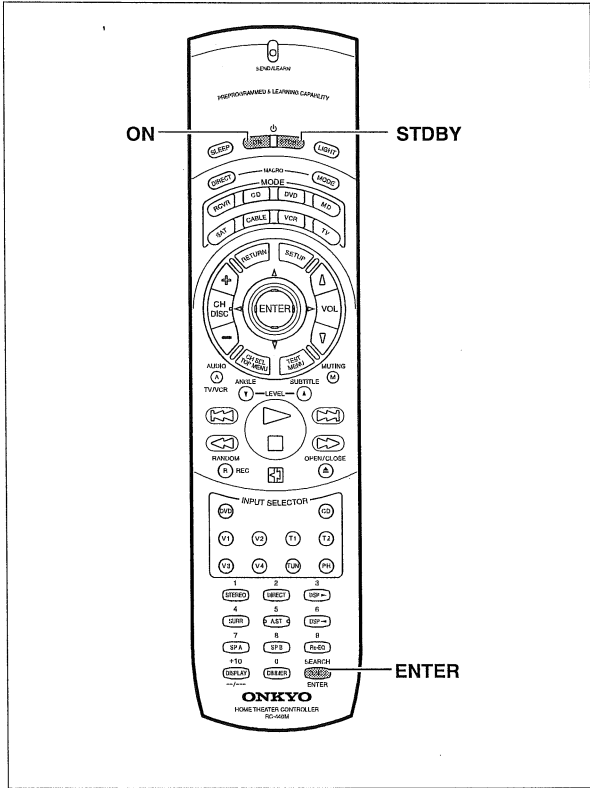
Erasing all commands and macros that have been programmed

This procedure will erase all the commands and macros that you have programmed into the remote controller and return it to its default settings. This operation will not affect the preset settings of the remote controller.

1. **Open the battery cover and remove the batteries from the remote controller.**

2. **While pressing and holding down the ON and STDBY buttons, re-insert the batteries in their correct orientation, and then release both buttons.**

   The SEND/LEARN indicator flashes slowly.

3. **Press the ENTER button.**

   The SEND/LEARN indicator lights up for about ten seconds and then turns off.

All programmed commands and macros are erased and the remote controller returns to its factory presets.

Notes:
- Proceed to Step 3 immediately after Step 2; otherwise, the batteries will be consumed quickly.
- If you press any button other than the ENTER button in Step 3, nothing will be erased. In this case, resume from Step 1.

Macro mode programming memo:

MACRO	MODE MACRO ↓ RCVR	MODE MACRO ↓ CD	MODE MACRO ↓ DVD	MODE MACRO ↓ MD	MODE MACRO ↓ SAT	MODE MACRO ↓ CABLE	MODE MACRO ↓ VCR	MODE MACRO ↓ TV	DIRECT MACRO
Operation 1									
Operation 2									
Operation 3									
Operation 4									
Operation 5									
Operation 6									
Operation 7									
Operation 8									
Operation 9									
Operation 10									
Operation 11									
Operation 12									
Operation 13									
Operation 14									
Operation 15									
Operation 16									