



# YAMAHA

## *Remote Control User's Guide*



# Remote Control Guide

## PROGRAMMING THE REMOTE CONTROL

The new Yamaha remote control offers many factory preset and programmable features. It includes factory presets to control your Yamaha receiver and most Yamaha audio components.

To control other brands of components (i.e., TV, VCR, etc.), you will need to program the remote control to learn the functions of each of your other components' remote controls.

*NOTE: The remote control can learn and control most major brands of audio and video components with remote control transmitters. For other units, use the original remote control supplied with the product.*

### HOW THE REMOTE CONTROL WORKS

The remote control can learn the functions of other remote controls, so one remote will control your home theater audio and video components.

The shaded areas shown in the illustration on the left have learning capabilities, using data stored in any of three different memories:

- A is preprogrammed for Yamaha audio components
- B for video components
- C for additional components, unique functions, or non-Yamaha audio components

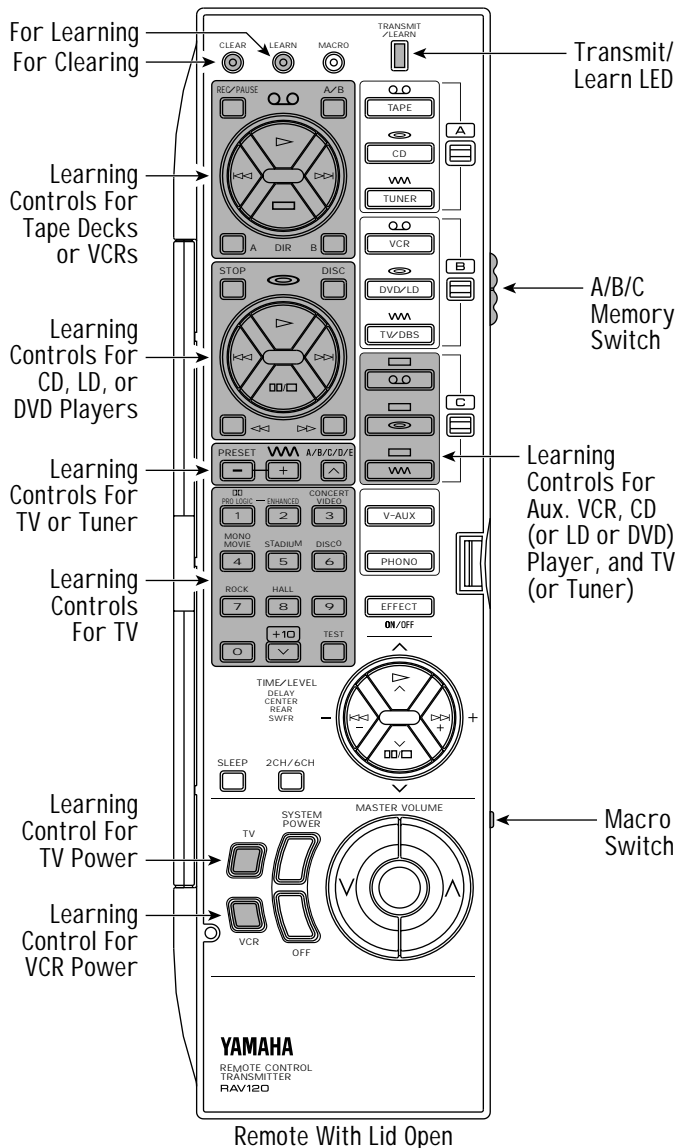
Unshaded buttons will become control buttons, once the appropriate functions have been programmed into the remote control.

Use the following sections to set up the remote control and to program most of the standard VCR and TV functions. Once you have programmed the remote control, you can close the lid to conveniently access and control most of the functions of your audio and video equipment.

### HOW TO SET UP THE REMOTE CONTROL

1. Load the supplied batteries into the remote control.
2. Open the lid of the remote control.
3. Perform the instructions on the next two pages to program VCR and TV remote-control functions.

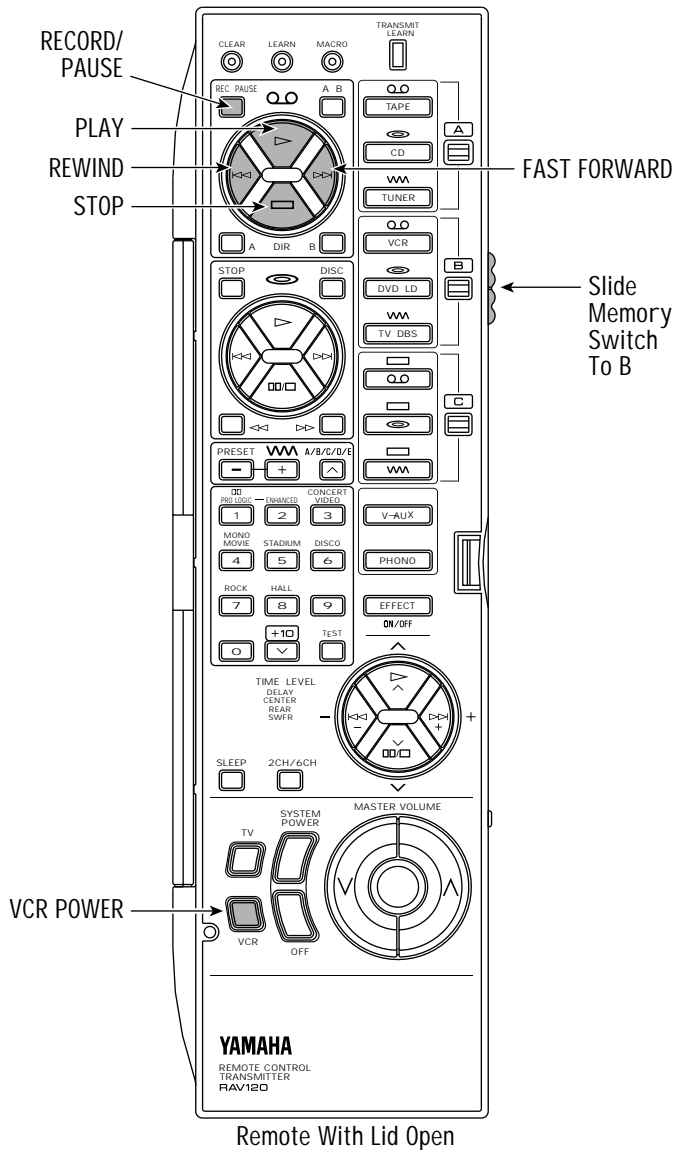
### YAMAHA REMOTE LEARNING KEYS



Remote With Lid Open

# Remote Control Guide

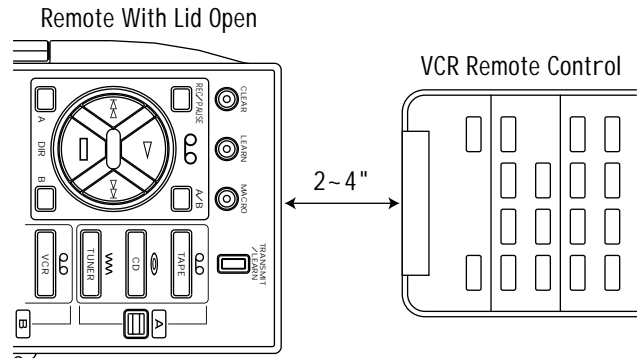
## LOCATIONS OF VCR LEARNING BUTTONS



## HOW TO PROGRAM VCR REMOTE FUNCTIONS

To program basic functions of the VCR remote, we suggest you learn functions into all the shaded buttons shown in the illustration on the left:

1. On the Yamaha remote control, slide the MEMORY switch to position B.
2. Aim the VCR remote control transmitter (usually located at the top) at the top of the Yamaha remote.



3. On the Yamaha remote, use a paper clip or mechanical pencil to press LEARN. The TRANSMIT/LEARN red LED will start to flash.

*NOTE: If there is no operation for about 30 seconds after a button is pressed, the TRANSMIT/LEARN LED will flash repeatedly. If this occurs, restart from step 3.*

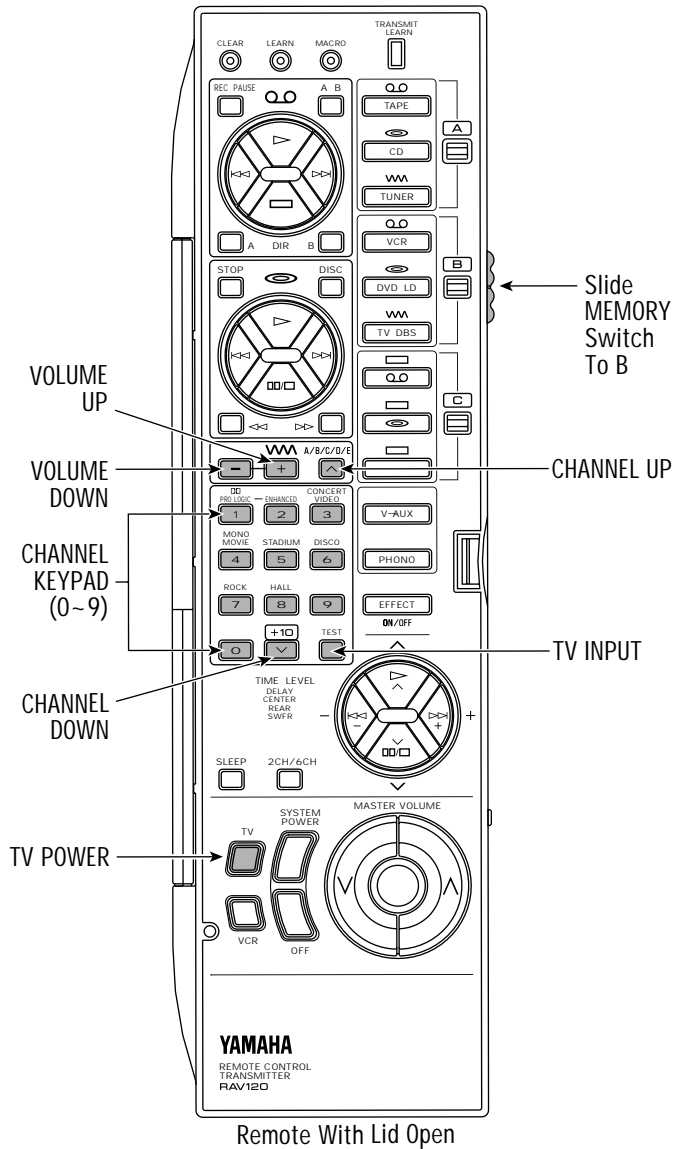
4. On the Yamaha remote, press and release the button to which you want to assign the function. The TRANSMIT/LEARN LED will illuminate.
5. On the VCR remote, press and release the button for the corresponding function. After one second, the TRANSMIT/LEARN LED will flash slowly.
6. The TRANSMIT/LEARN red LED on the Yamaha remote control will flash slowly after the function is learned.

*NOTE: If the TRANSMIT/LEARN red LED on the Yamaha remote flashes rapidly, the function has not been learned. Repeat steps 5 and 6 to program the function.*

7. Continue programming until you have learned functions into all of the shaded buttons.
8. Press LEARN.
9. To test programming, press VCR (power) to turn on the VCR. Then press each button you've programmed. Repeat steps 1 through 8 for any function that does not respond.

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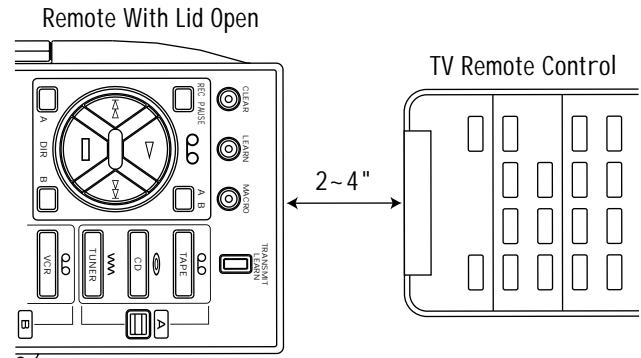
## LOCATIONS OF TV LEARNING BUTTONS



## HOW TO PROGRAM TV REMOTE FUNCTIONS

To program basic functions of the TV remote, we suggest you learn functions into all the shaded buttons shown in the illustration on the left:

1. On the Yamaha remote, slide the MEMORY switch to position B.
2. Aim the TV remote control transmitter (usually located at the top) at the top of the Yamaha remote.



3. On the Yamaha remote, use a paper clip or mechanical pencil to press LEARN. The TRANSMIT/LEARN red LED will start to flash.

*NOTE: If there is no operation for about 30 seconds after a button is pressed, the TRANSMIT/LEARN LED will flash repeatedly. If this occurs, restart from step 3.*

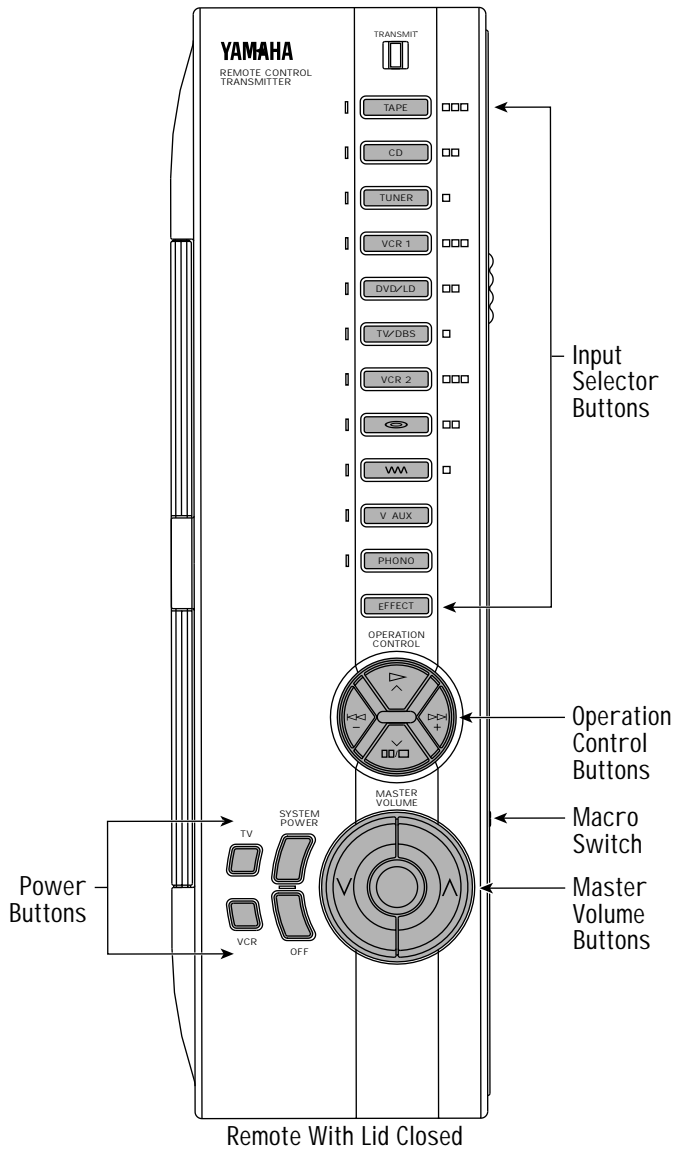
4. On the Yamaha remote, press and release the button to which you want to assign the function. The TRANSMIT/LEARN LED will illuminate.
5. On the TV remote, press and release the button for the corresponding function. After one second, the TRANSMIT/LEARN LED will flash slowly.
6. The TRANSMIT/LEARN red LED on the Yamaha remote control will flash slowly after the function is learned.

*NOTE: If the TRANSMIT/LEARN red LED on the Yamaha remote flashes rapidly, the function has not been learned. Repeat steps 5 and 6 to program the function.*

7. Continue programming until you have learned functions into all of the shaded buttons.
8. Press LEARN.
9. To test programming, press TV (power) to turn on the TV. Then press each button you've programmed. Repeat steps 1 through 8 for any function that does not respond.

# Remote Control Guide

## BASIC OPERATION CONTROLS



## USING FACTORY-PRESET OPERATIONS

In addition to the programmable VCR and TV functions, the Yamaha remote control will also perform several factory-preset operations without additional programming (see the illustration on the left):

1. Close the lid of the Yamaha remote control. Slide the Macro switch (on the side) to QUICK.
2. Press the SYSTEM POWER button to power up your Yamaha receiver, VCR, and TV.

*NOTE: Since power ON and OFF are controlled by the same button on most audio and video components, the (SYSTEM POWER) OFF button may not turn off your VCR and TV automatically (see "Creating A Macro" on the next page).*

3. Press the VCR button to set the input on the receiver to VCR and put the VCR into PLAY mode. (Make sure there is a videocassette in the machine.)

*NOTE: You may have to adjust the INPUT on your TV to see the VCR's video signal. If you have programmed the TV inputs into the Yamaha remote's TEST button, simply press it (one or more times) until you see tape playback.*

4. Press the OPERATION CONTROL buttons to control the last component selected. For example, if you pressed the VCR button last, the OPERATION CONTROL buttons will control the VCR.

## OPERATING A YAMAHA CD OR TAPE PLAYER

Most Yamaha CD and tape player functions are already programmed into the Yamaha remote control.

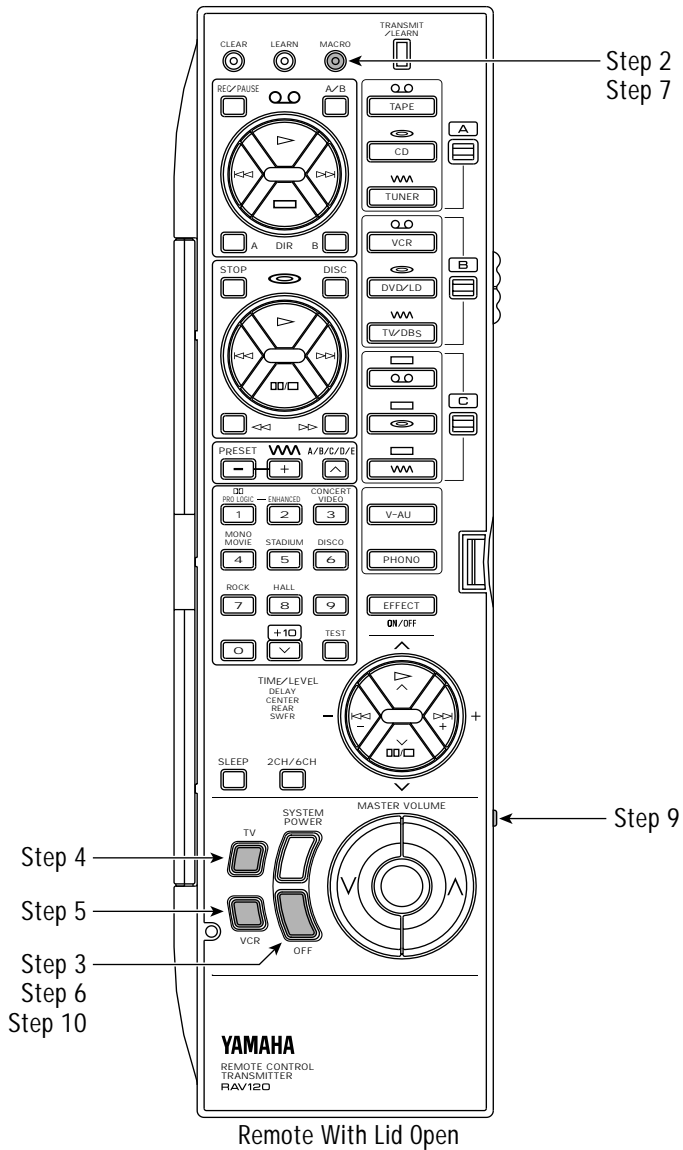
For example, to operate a Yamaha CD player, perform the following steps:

1. Turn on the CD player and load a CD.
2. Close the lid of the Yamaha remote control. Slide the Macro switch (on the side) to QUICK.
3. Press the CD button. The Yamaha receiver will switch to CD and automatically begin playing the CD.
4. Try the other OPERATION CONTROL buttons to advance to the next track, go back a track, or stop the CD.

*NOTE: For remote operation of other CD player functions (e.g., DISC), open the lid and use the green controls assigned to that component.*

# Remote Control Guide

## LOCATIONS OF MACRO CONTROLS



## CREATING A MACRO

A macro is a series of commands assigned to a single button. Once you have programmed your other components' remotes into the Yamaha remote control, you can create macros.

For example, if you frequently turn on the RECEIVER, VCR, and TV, follow the steps below to create a macro that will power down these components:

1. Open the lid of the Yamaha remote control.
2. Use a paper clip or mechanical pencil to press the MACRO selector.
3. Press the OFF button to clear the original factory macro and assign the new sequence of functions (i.e., steps 5, 6, and 7) to this button.
4. Press the TV button.
5. Press the VCR button.
6. Press the OFF button.
7. Press the MACRO selector to create the macro.
8. Close the lid of the remote control.
9. Slide the Macro switch (on the side) to QUICK.
10. Press OFF to try your macro program. If it doesn't work, slide the Macro switch to SLOW (on the side of the remote).

**YAMAHA®**

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