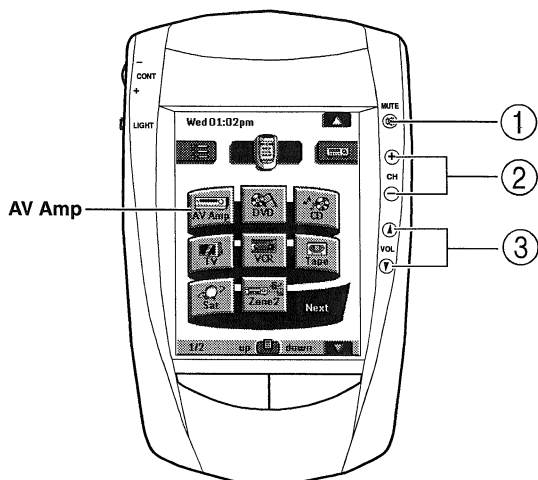
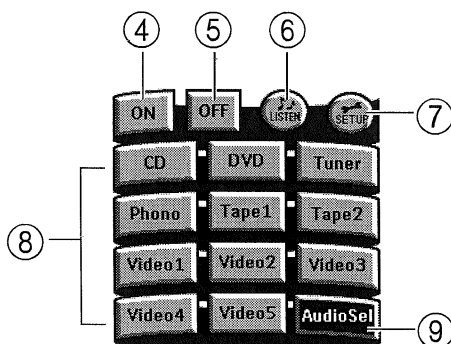


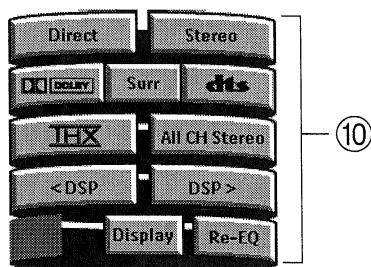
Remote controller



(Page 1/3)



(Page 2/3)



For details on how to use the remote controller, refer to “Using the remote controller” (page 59).

Select AV Amp in the Home menu to display the operation buttons.

① MUTE button

Activates the mute function. [51]

② CH +/- button

When AV Amp is selected, for selecting a tuner preset channel. [50]

③ VOL ▲/▼ buttons

When AV Amp is selected, for adjusting the volume. When Zone 2 is selected, for adjusting the volume in the Zone 2.

First operation menu (page 1/3)

④ ON button

Turns on the DTR-8.2.

⑤ OFF button

Places the DTR-8.2 in the standby state.

⑥ LISTEN button

For displaying listening mode buttons.

⑦ SETUP button

For displaying setup operation buttons.

⑧ Input Selector buttons

Select an input source.

CD: CD, DVD: DVD, Tuner: FM/AM, Phono: PHONO, Tape1: TAPE, Tape2: Not used with the DTR-8.2, Video1: VIDEO 1, Video2: VIDEO 2, Video3: VIDEO 3, Video4: VIDEO 4, Video5: VIDEO 5

⑨ Audio Sel button

For selecting the audio input signal. The setting changes from “Auto” to “Multich” to “Analog” and back each time this button is pressed. [54]

Second operation menu (page 2/3)

⑩ Listening mode buttons

Direct: Changes the listening mode directly to the Direct listening mode. If pressed, the listening mode for the selected input source set in the Listening Mode Preset is also changed to the Direct listening mode. When the listening mode is set to Direct, you can switch between Direct and Pure Audio.

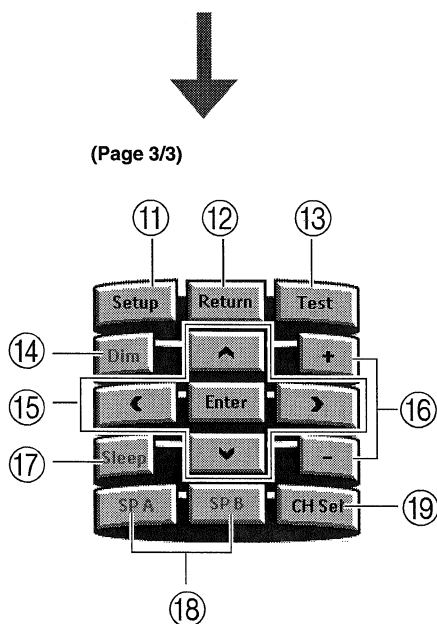
Stereo: Changes the listening mode directly to the Stereo listening mode. If pressed, the listening mode for the selected input source set in the Listening Mode Preset sub-menu is also changed to the Stereo listening mode.

Surr: Changes the listening mode to the surround mode for the current input signal (e.g., Dolby Pro Logic II, Dolby Digital, or DTS). If pressed, the listening mode for the selected input source set in the Listening Mode Preset is also changed to the Surround listening mode.

When the Surround listening mode is selected

- **When playing back DTS sources**
Switches the DTS-ES setting from Auto → On → Off.
- **When playing back Analog/PCM sources**
Switches from Pro Logic II Movie → Pro Logic II Music → DTS Neo6:Cinema → DTS Neo6:Music.
- **When playing back D.F. 2-channel sources**
Switches from Pro Logic II Movie → Pro Logic II Music.

Remote controller



ⓧ [DOLBY]: When the input source is a digital source, this button works as the same for the Surr button. When the input source is Analog/PCM, this button changes the listening mode between Dolby Pro Logic II Movie and Dolby Pro Logic II Music.

dts: When the input source is a digital source, this button works as the same for the Surr button. When the input source is Analog/PCM, this button changes the listening mode between DTS Neo:6 Music and DTS Neo:6 Cinema. Neo6:Cinema → DTS Neo6:Music.

THX: Changes the listening mode to the THX listening mode.

When the THX listening mode is selected

• When playing back Dolby Digital sources

Switches the THX Surround EX mode (Auto → On → Off) if the source is a Dolby Digital-compatible source.

• When playing back Analog/PCM sources

Switches the decoding mode (Pro Logic II Movie → DTS Neo6:Cinema) for THX processing.

• When playing back DTS sources

Allows you to enjoy the DTS THX Cinema, DTS-ES Discrete 6.1 THX Cinema, and DTS-ES Matrix 6.1 THX Cinema surround systems. The DTS-ES mode changes from Auto → On → Off.

All CH Stereo: Changes the listening mode to All Channel Stereo listening mode.

DTS ◀▶: Changes the listening mode as shown below.

Mono → Direct/Pure Audio → Stereo → Theater-Dimensional → Surround → THX → Mono Movie → Enhanced 7 → Orchestra → Unplugged → Studio-Mix → TV Logic → All Ch Stereo → Mono. If pressed, the listening mode for the selected input source set in the Listening Mode Preset is also changed.

Display: For changing the display in the front display.

Re-EQ: Depending on the listening mode, you can turn the cinema re-equalization function on or off. [43, 46]

Third operation menu (page 3/3)

⑪ Setup button

For displaying and quitting the setup menu. [30]

⑫ Return button

For entering the selected setting and returning to the previous menu. [30]

⑬ Test button

Outputs a test tone for setting speaker levels.

Use this button in conjunction with the +/- 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 +/- 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 34.

⑭ Dim button

Adjusts the display brightness.

There are three settings available: normal, dark and very dark. [53]

⑮ ◀▶/↵, Enter buttons

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. [30]

⑯ +/- buttons

Select the speaker whose volume is to be adjusted using the CH Sel button and adjust the volume using the +/- buttons. [53]

⑰ Sleep button

Sets the sleep function.

The Sleep button enables you to set the DTR-8.2 to turn off automatically after a specified time period. [53]

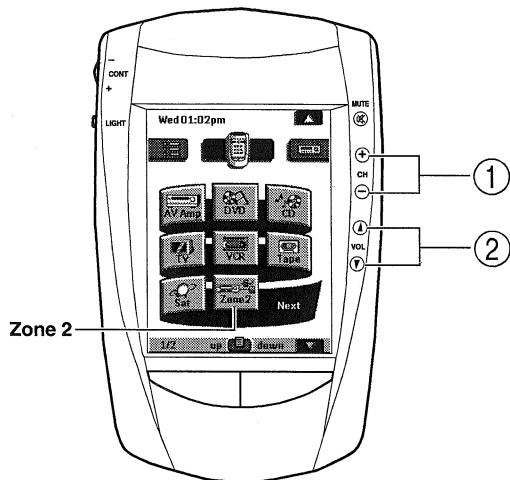
⑱ SP A/B buttons

These buttons are not used with the DTR-8.2.

⑲ CH Sel button

For selecting the speaker for level adjustment. Used together with the +/- buttons. [53]

Remote controller



Select Zone 2 in the Home menu to display the Zone 2 operation buttons. [56]

① CH +/- button

For selecting a tuner preset channel in the remote zone (Zone 2).

② VOL ▲/▼ buttons

For adjusting the volume in the remote zone (Zone 2).

③ ON button

For disabling the function of the remote zone (Zone 2).

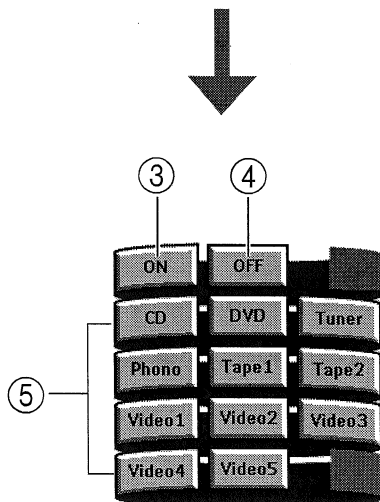
④ OFF button

For activating the function of the remote zone (Zone 2).

⑤ Input Selector buttons

Selects an input source.

CD: CD, DVD: DVD, Tuner: FM/AM, Phono: PHONO, Tape1: TAPE, Tape2: Not used with the DTR-8.2, Video1: VIDEO 1, Video2: VIDEO 2, Video3: VIDEO 3, Video4: VIDEO 4, Video5: VIDEO 5



Getting Started

1. Activate the remote controller

Turning on the display

- **Tap the screen gently with your finger or a blunt, soft object like a pencil eraser.**

The display is activated and you see the Home panel.

Notes:

- If the display stays blank or becomes black, adjust the contrast dial on the left side.
- If another panel is displayed, tap the Home button.
- The remote controller shuts down automatically.

Using the backlight

- **Press the backlight button on the left side.**

The backlight shuts off automatically after a few seconds to save power.

Note:

In the settings (page 71) you can choose to activate the backlight automatically when you activate the remote controller.

Use mode

The remote controller has different “modes.” When you activate the remote controller for the first time, it starts up in Use mode allowing you to immediately operate your devices.

In Use mode, the remote controller icon  is entirely visible. If a label (like ) covers the icon, see page 72 to switch your remote controller to Use mode.

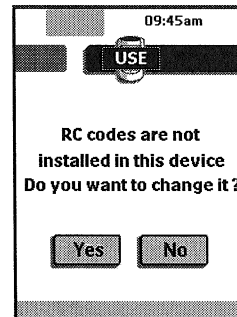
2. Define the Brand of Your Device

The remote controller uses RC codes to activate device. Since there are several brands using specific RC codes, you have to define the brands of your devices.

In the Home menu, you find buttons for the most common video and audio devices. The remote controller is set up by default to operate with Integra/Onkyo devices.

1. Select a device in the Home menu.

The following screen appears.



When selecting CD, DVD, MD or CDR

When you select CD, DVD, MD or CDR, the preset RC codes for operating Integra/Onkyo's CD player, DVD player, MD recorder or CD recorder are used, and the operation buttons for the device appear on the screen. You can use the preset RC codes only when the Integra/Onkyo's device you selected and Integra/Onkyo's amplifier or receiver are connected using **R I** interface.

When you operate Integra/Onkyo's CD player, DVD player, MD recorder or CD recorder which has no **R I connectors or is not connected using **R I** interface, you need to define the brand of your device.**

1. In the Mode menu, select Brand.
2. Select the device you want to define.
3. Select Next.

The brand selection screen appears.

4. If you selected CD player, DVD player or CD recorder, select Onkyo or Onkyo-x other than Onkyo-1 from the brand list. If you selected MD player, select Onkyo-5.

To reset the RC codes settings back to the one for the device using **R I connection, follow these steps.**

1. In the Mode menu, select Brand.
2. Select the device you want to reset the RC codes settings for.
3. Select Next.

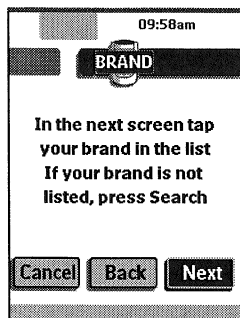
The brand selection screen appears.

4. If you selected CD player, DVD player or CD recorder, select Onkyo-1 from the brand list. If you selected MD player, select Onkyo-4.

Getting Started

2. Select “Yes” to define the brand of the device to operate.

The remote controller switches to Brand mode. Follow the instructions as described below. You can define your brands by selecting or by searching.



Note:

Before you start using the remote controller, make sure you define the brand for each device you want to operate in the Home Menu.

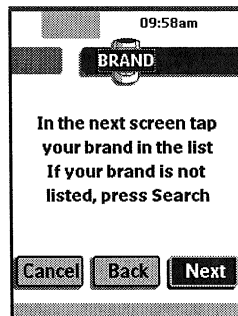
Defining brands by selecting

A list of brands and their corresponding RC codes are pre-installed in the remote controller's memory.

You need to select your brand from the list and because not every device of a certain brand uses the same RC codes, you might also have to select a set of RC codes for your brand.

3. Tap Next.

A scrollable list of brands for the selected device and a “virtual auto-zooming” mini-keyboard appears.

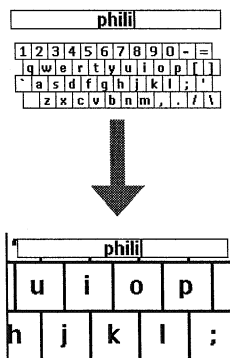


4. Navigate through the list of brands.

Use the scroll buttons to scroll up or down in the list of brands.

- By tapping the scroll buttons, you scroll through the brands one by one. By touching and holding the scroll buttons, the scrolling speed will increase.
- Use the mini-keyboard to jump through the list of brands.

To enter a character, tap the keyboard near the character you want to use. The keyboard is zoomed in, allowing you to tap exactly the character you need.

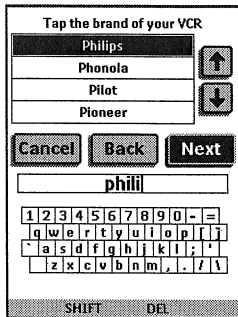


Getting Started

To enter a space, tap the lower left corner of the keyboard. When the keyboard is zoomed in, tap the empty key.

After you have typed the character, the keyboard is zoomed out. Repeat this action for every character.

Every time you enter a character, the list displays the brands that match the character(s). The remote controller makes a pre-selection of the (first) brand that matches. You only have to type as many characters as needed to display your brand.



Note:

In case, your brand is not displayed in the list of brands, Try Search mode. See “Defining brands by searching” on page 68.

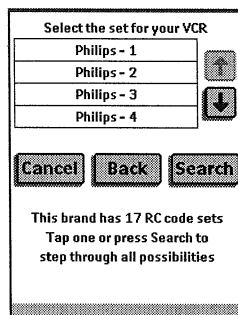
5. Select your brand from the list.

The selected brand will be highlighted. The Search button switches into Next.

6. Tap Next.

When your brand uses only one set of RC codes, the remote controller switches to Try mode. Go to step 9.

When there are several code sets for your brand, the following screen appears.



Notes:

- The code sets are ranked. The first code set in the list is used for most devices of the selected brand.
- When you do not know which code set to select from the list, you can use Search mode. See “Defining brands by searching” on page 68.

7. Select a code set from the list.

The selected code set will be highlighted. The Search button switches to Next.

8. Tap Next.

The remote controller switches to Try mode. The first control panel of the selected device is displayed.

9. Try the buttons on the different control panels and check if the device is responding to the RC codes the remote controller is sending.

Note:

However, your device is responding to the current code set, it is recommended to try other code sets. When your device responds to more than one code set, install the most suitable one.

10. If you are not satisfied with the way the device is responding to the selected code set, tab Back to select another code set.

or

When you are satisfied with the selected code set, tap Install.

When the RC codes for your devices are installed, the remote controller beeps and returns to Use mode. Your brand is now defined for the selected device.

11. Define all other devices in the Home menu you want to operate.

Getting Started

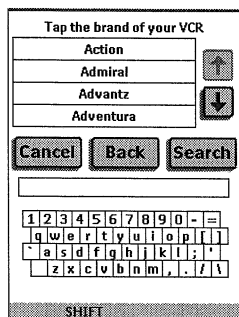
Defining brands by searching

You can use Search mode to find the matching RC codes for your device when

- your brand is not displayed in the list of brands,
- you selected your brand, but you do not know which code set to select.

3. Tap Next.

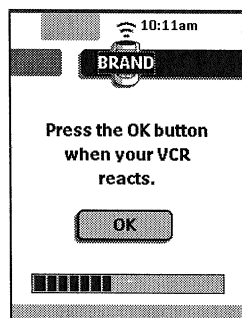
The display shows a scrollable list of brands for the selected device and a “virtual auto-zooming” mini-keyboard.



4. Tap Search

The remote controller automatically searches through all available brands and code sets to find the RC codes matches.

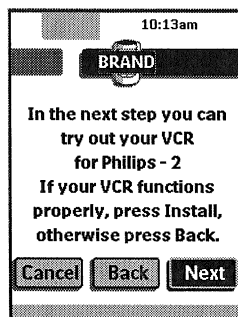
5. Tap Next to start sending appropriate commands for the selected device.



6. Tap OK when the device reacts.

Notes:

- Even when the device is responding to the current code set, it is advised to try other code sets. When your device responds to more than one code set, install the most suitable one.
- The name of the responding code set is displayed when you tap the OK button, so you know which code set to select from the list after you have tried other code sets.



The remote controller switches to Try mode. The first control panel of selected device is displayed.

7. Try the buttons on the different control panels and check if the device is responding to the RC codes the remote controller is sending.

8. When you are not satisfied with the current function of the device, tap Back to continue the automatic search.
- or
- When you are satisfied with the selected code set, tap Install.

When the RC codes for your devices are installed, the remote controller beeps and returns to Use mode. Your brand is now defined for the selected device.

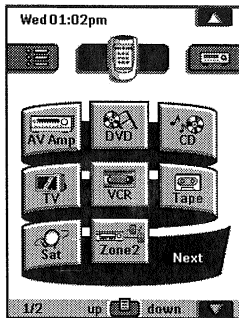
9. Define all other devices in the Home menu you want to operate.

Getting Started

3. Select a Device

Via the Home menu

In the Home menu, you find buttons for the most common video and audio devices. These buttons are preprogrammed to work with popular devices made by Integra/Onkyo. If you have devices of other manufacturers that do not respond to your remote controller, you can program your remote controller using your original remote controllers (see "Programming Buttons" on page 72).



■ Tap the device you want to operate.

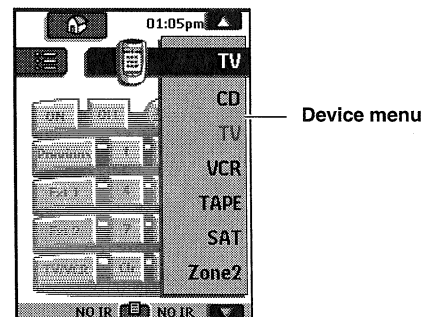
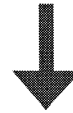
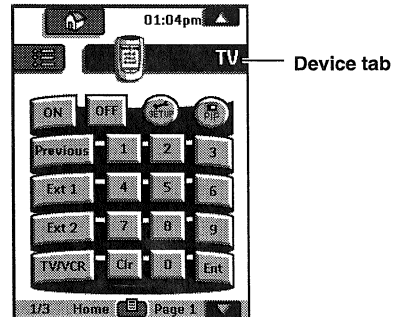
The first control panel of the selected device appears.

Via the Device menu

The Device menu allows you to easily switch to another device without returning to the Home menu.

1. From within any device control panel, tap the device tab.

The Device menu pops up. You can scroll through this menu using .



2. In the Device menu, tap the device you want to operate.

The control panel that was last accessed for the device appears.

Note:

You can also activate the Device menu from Home by tapping the device tab icon .

Getting Started

4. Operate a Device

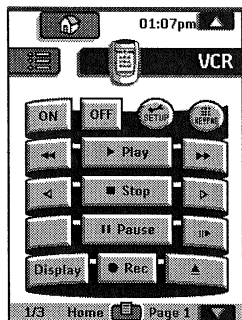
You operate devices using three kinds of buttons:

- **Touchscreen buttons**
- **Left and Right button (below the touchscreen)**
- **Direct-access buttons (to the right of the touchscreen)**

Using touchscreen buttons

Sending commands

By touching the touchscreen buttons you send commands to the device you have selected. When you send a command, the remote controller icon shows transmitting signals . The name of the active device is indicated on the device tab.



Scrolling

Most devices have more than one control panel. You can scroll through these control panels using  and . The panel number on the left bottom of the screen indicates the panel number and the total number of panels, for example .

By touching and holding a scroll button, you go repeatedly through all the control panels of a device in a loop.

Operating a device without affecting the active device

You can operate a device while another device is active (for example, rewinding your VCR while watching TV) via the Device menu:

1. **Open the device menu.**
2. **Press and hold the Left or Right button (labeled NO IR).**

The remote controller icon turns around .

3. **Tap the device you want to operate.**

The device control panel appears and the remote controller icon turns to its original position. You can now operate the new selected device without affecting the active device.

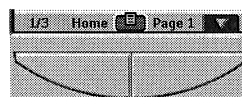
Using the Left and Right button

The Left and Right buttons change function depending on the device the remote controller is operating. The current function is displayed on the touchscreen right above the button. The function can be either an IR (infrared) command that is transmitted, or a jump to a specific device page.

IR commands



Device pages



Using the direct-access buttons

MUTE, CH and VOL can be operated at any time, even without turning on the touchscreen.

5. Adjust the Settings

Most of the remote controller's features can be set to your own needs.

1. **Touch and hold the remote controller icon for a few seconds.**
The first setup panel appears. You can see the second and third setup panel by using the scroll buttons.
2. **Tap the button of the setting you want to adjust.**
The button becomes black.
3. **Use the Left and Right button to adjust the setting.**

Note:

Tap the Left and Right buttons are repeating buttons; holding down one of these buttons will increase or decrease a value repeatedly.

Getting Started

First setup panel

Setting	Function	Adjusting
Battery	Shows the battery level.	
Clock	Turns the clock display on or off and lets you set 12 or 24h time display.	Tap the clock repeatedly.
Time	Sets the clock.	Tap the time button and use the Left and Right button.
Day	Sets the day.	Tap the day button and use the Left and Right button.
LCD	Sets how long the touchscreen stays on.	Tap the LCD button and use the Left and Right button.
LCD Light	Sets how long the backlight of the touchscreen stays on.	Tap the LCD Light button and use the Left and Right button.
Button Light	Sets how long the backlight of the direct-access and Left/Right buttons stays on.	Tap the Button Light button and use the Left and Right button.

Second setup panel

Setting	Function	Adjusting
Level	Turns the backlight always on or off when activating the touchscreen. Note: When you choose always off, you can only activate the backlight using the backlight button.	Always on: Tap the Level button and position the indicator in the right half of the indication bar using the Right button. Always off: Tap the Level button and position the indicator in the left half of the indication bar using the Left button.
Mode Menu	Hides or shows the Mode button. Hiding the Mode button prevents unwanted changes to stored commands.	Tap the Mode Menu button.
Touch	Adjusts or turns off the touchscreen beep.	Tap the Touch button repeatedly.
Button	Adjusts or turns off the beep of Left/Right and direct-access buttons.	Tap Button repeatedly.
Calibrate	Calibrates the touchscreen.	Tap the Calibrate button and follow the on-screen instructions.
Revert	Reverts the remote controller to the factory default configuration.	Tap the Revert button and follow the on-screen instructions.

Third setup panel

This panel provides technical information about your remote controller.

To exit Setup Mode

- Tap the Setup label on the remote controller icon.

Getting the Maximum out of it

1. Introduction

The remote controller is preprogrammed to work with all equipment that recognizes NEC infrared codes. This includes all Integra/Onkyo devices.

What makes the remote controller so powerful is the ability to extend its functionality in multiple ways like programming additional functions, adding supplementary devices, recording macros and customizing the interface as it suits you best.

Working with Modes

When you operate your devices, the remote controller is in Use mode. For actions other than operating (like programming buttons, recording macro's, adding devices, and so on) you have to switch to the appropriate mode:

- USE** : To operate devices.
- LEARN** : To input commands from other devices. For recording macros and setting timers.
- LABEL** : To label buttons and commands.
- ADD** : To add new devices.
- DEL** : To delete buttons, devices and macros.
- MOVE** : To change the listing order in a menu.
- BRAND** : To define brands using the remote controller's database.
- RF IR** : To configure the remote controller to operate devices with RF or IR signals.

To switch to another mode

1. **Tap the Mode button at the bottom of the touchscreen.**

The Mode menu pops up.

2. **Tap the mode you want to use.**

The label of the active mode appears on the remote controller icon. You can now work in the selected mode.

Note:

When a label is displayed, you can also display the Mode menu by tapping the label.

To hide the Mode menu

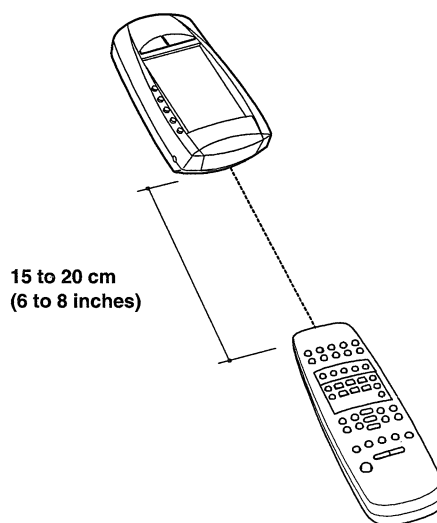
To prevent accidental changes to the remote controller interface and commands, you can hide the Mode menu:

1. **Make sure the remote controller is in Use mode.**
2. **Touch and hold the remote controller icon for a few seconds.**
The first setup panel appears.
3. **Scroll down to the second setup panel.**
4. **Tap the Mode Menu button.**
The mode menu icon is crossed out.
5. **Tap **SETUP**.**

The remote controller switches to Use mode. The Mode button is no longer visible.

2. Programming Buttons

You can program the remote controller commands by transmitting infrared signals from your existing remote controls to the remote controller's learning eye. To do this, place the remote controller and the device's remote controller on a flat surface, 15 to 20 cm (6 to 8 inches) apart.



The following buttons can be programmed: control panel buttons, Device menu items, direct-access buttons and Left/Right buttons.

You cannot program Home menu buttons directly. You need to program them by following the Device menu (see page 73).

The remote controller also offers empty control panel buttons you can program and label as existing buttons. They are only visible in Learn and Label mode and appear without label or with label (intended for a specific function). You will also see previously deleted buttons: you can restore them by reprogramming them or you can reuse them for other commands.

Getting the Maximum out of it

Programming control panel buttons

1. **Navigate to the control panel buttons you want to program.**
2. **Switch to Learn mode by using the Mode button.**
Additional empty buttons appear: they can be programmed and labeled as existing buttons.
3. **Point the device's original remote controller to the remote controller's learning eye as shown on page 72.**
4. **Tap the remote controller button you want to program.**
The button starts blinking.
5. **Press and hold the corresponding button on your device's original remote controller.**
If the remote controller has learned the command successfully, OK blinks on the remote controller icon. You can let go of the button you're holding.
If the remote controller has not learned the command successfully, you hear a short buzz and FAIL appears on the remote controller icon.
6. **Program all other buttons you want and relabel them as necessary (see page 74).**
7. **Return to Use mode by using the Mode button.**

Programming device items

Note:

When you program a command to a device item, this command is automatically assigned to the corresponding button in the Home menu.

1. **Make sure the device tab is active.**
The device tab is active when the name of a device is displayed.
2. **Switch to Learn mode by using the Mode button.**
3. **Point the device's original remote controller to the remote controller's learning eye as described above.**
4. **Tap the device tab to open the Device menu.**
5. **Touch and hold either the remote controller's Left or Right button and tap the device you want to program.**
Even when you want to program the currently active device, you have to tap it in the Device menu.
The label device starts blinking on the remote controller icon.
6. **Press and hold the button the remote controller has to learn on your device's original remote controller.**
If the remote controller has been input the command successfully, OK will blink on the display. You can release the button you're holding.
If the remote controller has not learned the command successfully, you hear a short buzz and FAIL appears on the remote controller icon.
7. **Program all other items you want and return to Use mode via the Mode button.**

Programming direct-access and Left/Right Buttons

Direct-access and Left/Right buttons can be programmed with a global function or with functions per device. Buttons with global functions always execute the same command, even if device is active. Buttons with functions per device execute commands depending on the active device. For example, the Left button is the Play command when the VCR is active.

Note:

Per-device functions overrule global functions. For example, when you program the Volume buttons globally but you assign a specific function to them with the tuner, the specific command will be executed when the tuner is the active device.

Programming a button globally

1. **Tap the Home menu button .**
2. **Complete steps 2 to 7 in "Programming control panel buttons" (see above). Instead of tapping a button on the touchscreen, press the button you want to program.**
The label of the button you have pressed (e.g. chan+ or left) starts blinking on the remote controller icon.

Programming a button per device

1. **Switch to the device for which you want to program the button.**
2. **Complete instructions 2 to 7 in "Programming control panel buttons" (see above). Instead of tapping a button on the touchscreen, press the button you want to program.**
The label of the button you have pressed (e.g. chan+ or left) starts blinking on the remote controller icon.

Getting the Maximum out of it

3. Labeling Buttons and Menu Items

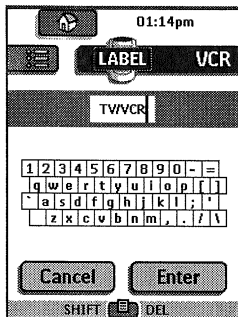
The following elements can be labeled: control panel buttons, Device menu items, macros, macro groups and Left/Right buttons.

You cannot label Home menu buttons directly. You have to label them by using the Device menu (see below)

Labeling a button

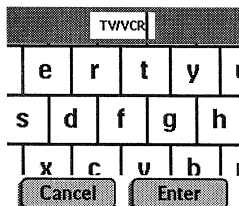
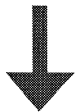
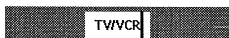
1. Navigate to the panel containing the button you want to label.
2. Switch to Label mode by using the Mode button .
3. Tap the button you want to label.

The display shows a “virtual auto-zooming” mini-keyboard. The button you want to label is displayed above the keyboard.



4. Edit the label.

- To delete a character, press the Right button.
- To enter a character, tap the keyboard near the character you want to use. The keyboard is zoomed in, allowing you to tap exactly the character you need.



After you have tapped the character, the keyboard is zoomed out. Repeat this action for every character.

Note:

You can zoom out again without tapping a character by pressing the Right button (labeled Zoom).

- For capital letters and symbols, press the Left button repeatedly to display the keyboard you want.

5. Tap Enter to save the changes and return to the panel you were.

-or-

Tap Cancel to return to the panel you were without saving changes.

6. Label all other items you want and return to Use mode via the Mode button.

Labeling a menu item

1. Switch to Label mode by using the Mode button.
2. Tap the device tab to open the Device menu.
3. Touch and hold either the remote controller's Left or Right button and tap the device you want to program. Even when you want to program the currently active device, you have to tap it in the Device menu.
4. Complete instruction 4 to 6 in “Labeling a button” (see above).

Getting the Maximum out of it

4. Adding and Moving Devices

Adding devices

If you have a device that is not provided in the Device menu, you can add it to the remote controller.

You cannot add devices to the Home menu directly. You have to add them by using the Device menu.

1. Make sure the device tab is active.

The device tab is active when the name of a device is displayed.

2. Switch to add mode by using the Mode button.

The remote controller displays the following choices:

- **Create New Device:** Choose this option to add a completely new device.
- **Copy Existing Device:** Choose this option to copy a device already provided in the Device menu (for example for a second television).
- **Restore Deleted Device:** Use this option to restore a device you have deleted.

3. Tap the device you want to add in the Device menu.

Note:

If the device you want to add is not provided, choose a similar one. You can customize it later.

The remote controller gives you the possibility to add the device with or without RC-codes.

- **Creat with RC-codes:** Choose this option if you wan to copy the preprogrammed RC codes as well. The new device is added with operational buttons.
- **Don't add RC codes:** If you choose this option, the new device is added without operational buttons. You can program them as described in "Programming control panel buttons" on page 73.

4. Tap the button of your choice.

The new device is automatically displayed in Use mode.

Moving menu items

You can change the order of Device menu items and Macro menu items. Changes you make in the Device menu are automatically updated in the Home menu.

1. Make sure the device tab is active.

or

Make sure the macro tab is active.

The device or macro tab is active when the name of a device or macro is displayed.

2. Switch to Move mode by using the Mode button.

The remote controller displays the menu.

3. Tap the menu item of your choice.

The menu item is highlighted.

4. Use the Left and Right button to move the menu item up or down.

5. Tap Accept to save the changes.

You return to Use mode.

Getting the Maximum out of it

5. Delete and restore

Delete

You can delete control panel buttons and functions associated with a direct-access or a Left/Right button.

You can also delete Device menu items and Macro menu items.

Home menu buttons cannot be deleted directly. You have to delete them via the Device menu.

Deleting a button or button function

Note:

Buttons without bold frame can not be deleted. You can only hide them by removing their label (see "Labeling a button" on page 74).

START

1. Switch to Delete mode by using the Mode button.

2. Tap the button you want to delete.

3. Tap Delete Button Action.

The result depends on the element you are deleting:

- Control panel button: The button disappears from the display.
- Left or Right button command: The corresponding label disappears from the display.
- Direct-access button: The button becomes inactive.

4. Delete all the items you want and return to Use mode via the Mode button.

Deleting a device or macro menu item

1. Switch to Delete mode via the Mode button.

2. Navigate to the menu item you want to delete.

When Device menu is opening, The function of Left and Right button changes as shown below.

Left button: Label

Right button: Action

When Macro menu is opening, The function of Left and Right buttons will be Group.

3. Press and hold down the Left or Right button depending on what you are deleting:

- Left button labeled Device: For deleting a device in the Device menu.
- Right button labeled Action: For deleting an action from an item in the Device menu.
- Left button labeled Group: For deleting a macro group.

4. Tap the menu item you want to delete.

5. Tap Delete Device or Delete Macro Group.

The Device (and its associated Home menu button) or the Macro Group (including its macros) are deleted.

6. Delete all the items you want and return to Use mode via the Mode button.

Restore

After you deleted a control panel button or a menu item, the button or item is no longer visible in Use mode but remains in the remote controller's memory. This allows you to restore it in Edit mode.

Actions associated with direct-access or a Left/Right buttons cannot be restored. You have to reprogram them as explained in "Programming Direct-access and Left/Right Buttons" on page 73.

Control panel buttons

1. Switch to Edit mode by using the Mode button.

The deleted buttons become visible.

2. Complete instruction 3 to 7 in "Programming control panel buttons" on page 73.

The button is restored.

Device or Macro menu items

1. Make sure the device tab or macro tab is active.

The device or macro tab is active while the name of a device or macro is displayed.

2. Switch to Add mode by using the Mode button.

3. Tap Restore Deleted Device or Restore Deleted Group.

The deleted menu items become visible.

4. Tap the item you want to restore.

The item is restored and you return to Use mode.

Note:

Only the macro group itself is restored, not the macros it contained.

Getting the Maximum out of it

6. Recording Macros and Setting Timers

A macro enables you to send a sequence of IR commands using one single button.

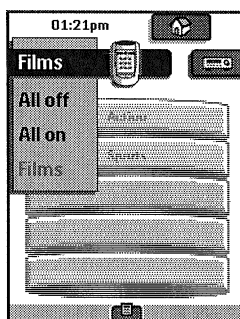
By setting a time, you can activate a device at the time you prefer. See page 78.

Note:

To record a macro or to set a timer, there must be at least one macro group or timer group in the Macro menu. To create these groups, see page 78.

Recording macros

1. Tap the Macro menu button.
2. Open the macro menu and select a macro group.



3. Switch to Edit mode via the Mode button.
Empty the macro buttons that appear in the macro control panel.
4. Tap the button you want to use for your macro.
5. Enter the sequence of commands you want to record.
You can navigate to any control panel you want, just as you can in Use mode.
6. Tap the Macro menu button.
The contents of the macro appear. You can now play, edit, or close the macro.
7. Press the Left button to close the macro.
A confirmation screen appears where you can save or cancel the macro.
8. Tap Save and assign a label to the macro.
The macro is ready to be used.

There are two extra commands you can record in a macro:

Source switching

To record a Device menu item containing a source switching command, open the Device menu, hold down the Right button (labeled Action) and tap the device you want to switch to.

Close a device control panel

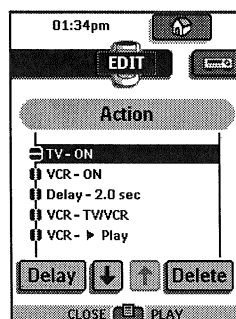
To close a macro display of device, open the Device menu, hold down the Left button (labeled Device) and tap the device you want.

Editing macros

You can edit any macro you have recorded.

1. Open the macro group that contains the macro.
2. Switch to Edit mode via the Mode button.
3. Tap the macro you want to edit.

The contents of the macro appear.



4. Edit the macro.

You can move or delete listed commands or you can add new commands. You can also add delays to the macro (for example, to insert a short pause between turning on a device and sending commands to it allowing the device to warm up):

1. Tap Delay.
2. Tap or to decrease or increase the length of the delay.
3. Use the arrow buttons and to move the delay to the right place.

5. Press the Left button to close the macro.

A confirmation screen appears, which allows you to save or cancel the macro.

6. Tap Save.

The macro is ready to be used.

Getting the Maximum out of it

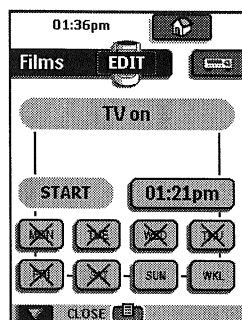
Setting timers

To activate a device at the time you set.

1. Tap the Macro menu button.
2. Open the macro menu and select a timer group.
3. Switch to Edit mode by using the Mode button.
4. Tap the button you want to set a timer for.

Empty timer buttons appear in the timer control panel.

The first timer control panel appears in which you can set the start time.



5. Enter the command the timer has to execute.

A timer can contain either a single IR command or a macro.
You can navigate to any control panel you want, just as you can in Use mode.
6. Tap the clock button and set the start time using the Left/Right buttons.
7. Tap one or more day buttons to select or deselect days for the timer.

You can choose to repeat the timer weekly.
8. Scroll down to display the second timer control panel in which you can set the stop time.
9. Enter the command the timer has to execute.
10. Tap the clock button and set the stop time using the Left/Right buttons.
11. Press the Left button to close the timer.

A confirmation screen appears, which allows you to save or cancel the timer.
12. Tap Save.

The timer is activated.

Note:

The timer only works when the remote controller's sending eye is pointed towards the controlled device and no obstructions interfere the infrared signal.

Editing timers

You can edit any timer you have set.

1. Open the timer group that contains the timer.
2. Switch to Edit mode via the Mode button.
3. Tap the timer you want to edit.

The contents of the timer appear.
4. Edit the timer.
5. Press the Left button to close the timer.

A confirmation screen appears, which allows you to save or cancel the timer.
6. Tap Save.

The timer is edited.

Organizing macros and timers into groups

You can create as macro groups or timer groups up to 25 macros or timers in each group.

1. Open any macro or timer group.
2. Switch to Add mode by using the Mode button.

You can create a new group, copy an existing group, or restore a previous deleted group.

 - Create a new group: You add a new group in which you can record new macros.
 - Copy an existing group: You copy a group and its macros and use it for new macros.
 - Restore a previously deleted group: You restore a deleted group and reuse the macros.
3. Tap Create Timer Group or Create Macro Group.

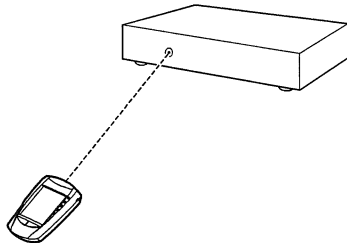
Getting the Maximum out of it

7. Using the remote controller with Radio Frequency

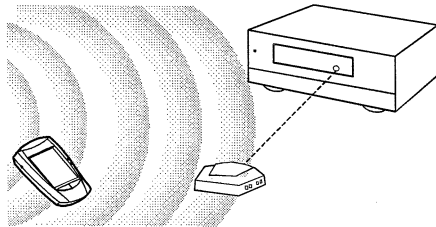
Warning:

To use the remote controller with radio frequency (RF), you need an RF Receiver, which is not included in package.

By default, the remote controller uses infrared (IR) signals to operate devices. This means that you have to point the remote controller's sending eye towards the device you are operating. IR signals have an operating distance of 10 meters (33 feet).



You can select to operate devices using radio frequency (RF) signals instead of IR signals. RF signals have an operating distance of approximately 20 meters (66 feet) in house and, unlike IR signals, is able to go through obstacles like furniture or walls. The RF signals sent out by the remote controller are picked up by the RF Receiver. The RF Receiver translates the RF signals in IR signals and sends the IR signals to the appropriate device.



Therefore, the RF Receiver has to be placed near the device you're operating with the RF Receiver's sending eye pointed to the device. Your devices will always receive IR signals either directly from the remote controller or from the RF Receiver.

Changing the remote controller's RF IR Settings

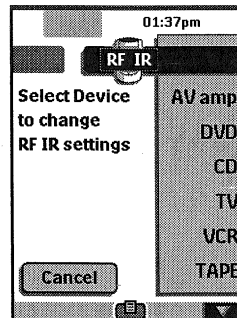
All devices are set up by default to work with IR signals. To be able to operate one or more devices with RF signals, you have to change the remote controller's RF IR settings for those devices.

1. Make sure the Device tab is active.

The Device tab is active when the name of a device is displayed at the right side of the touch screen  **TV**.

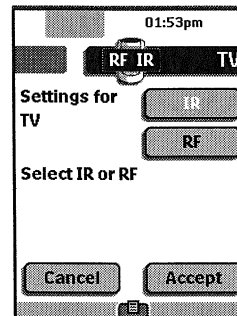
2. Switch to RF IR mode by using the Mode button .

The Device menu appears.



3. Select the device for which you want to change the RF IR settings.

The RF IR settings appear. The white label on the button  indicates that the selected device is currently operated with IR signals.



4. Tap RF.

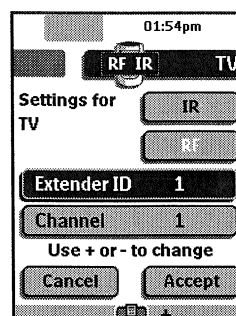
The RF IR settings for the selected device are transferable from IR to RF.

When you have only one RF Receiver, you can accept the default settings for the Extender ID and the Channel. Continue with step 5.

or
When you have several RF Receivers to operate devices, you have to assign the correct Extender ID to the selected device. Follow the instructions as described in "Changing the Extender ID".

Note:

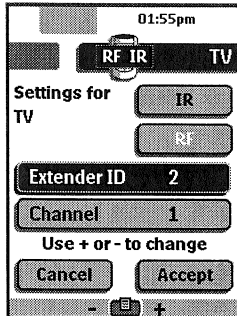
The ID on the RF Receiver has to match the Extender ID on the remote controller.



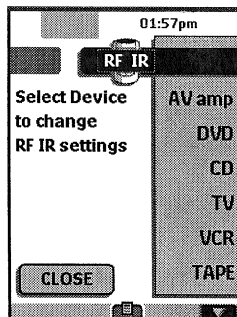
Getting the Maximum out of it

Changing the Extender ID

1. Make sure the Extender ID button is active.
The button is active when the button label is white.
2. Press the + and – action buttons to change the Extender ID.
The remote controller offers 16 Extender ID's.



5. Tap **Accept** to save the RF IR settings for the selected device.
or
Tap **Cancel** to return without changing the RF IR settings for the selected device.



6. Repeat instructions 3 to 5 for all devices for which you want to change the RF IR settings.
7. Tap **Close**.
The remote controller switches back to Use mode. The remote controller is configured to operate the devices you have set with RF signals.
8. Try the devices of which you just changed the RF IR settings.

Note:

There is a possibility that a device does not respond properly when operated with RF signals. This is mostly due to IR signals that cannot be properly transmitted as RF signals. In that case, you have to reconfigure the remote controller to operate the device with IR signals again.

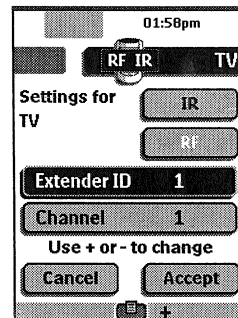
Choosing Another Channel

When you notice RF interference, for instance from your neighbors, you have to choose another channel to operate your devices.

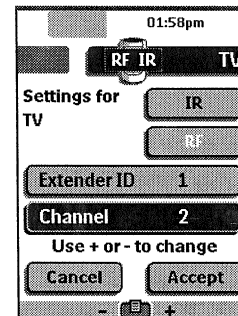
Note:

All devices you want to operate with RF signals use the same channel. If you select another channel for one device, the remote controller will automatically change the channel for all devices that work with RF signals.

1. Switch back to RF IR mode.
The Device menu appears.
2. Select a device that is set with RF signals.
The RF IR settings appear.



3. Tap **Channel 1**.
The button label turns white indicating that the button is active.
4. Press the + and – action buttons to change the Channel.
The remote controller offers 4 RF Channels.



Note:

The Channel (CH) on the RF Receiver has to match the Channel on the remote controller.

5. Tap **Accept** to save the selected Channel for all devices that work with RF signals.
or
Tap **Cancel** to return without changing the Channel.
6. Tap **Close**.
The remote controller switches back to Use mode. The remote controller is configured to operate the devices you have set with RF signals through the selected Channel.
7. Try all devices which you just changed the Channel.

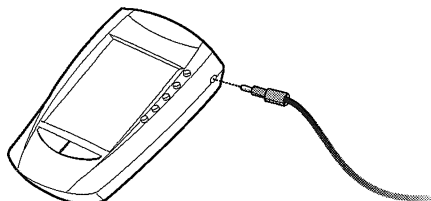
Getting the Maximum out of it

8. ChadEdit

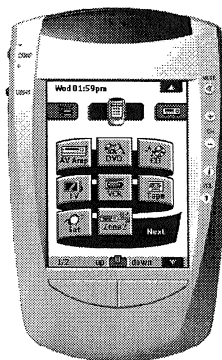
If you want to personalize your remote controller even more, beyond its standard programming features, ChadEdit is the tool for you to use. ChadEdit is the remote controller's companion software that you can download from <http://www.onkyousa.com>
www.integrahometheater.com.

With ChadEdit you can:

- upload and download new configurations to and from your remote controller. You do this with the serial cable included with your remote controller;



- add, delete, modify and move control panels, devices and commands anywhere on the touchscreen;
- save, duplicate and share configuration files, codes or devices with other remote controllers;
- preview new configuration files on ChadEmulator. In this way you can check how the remote controller's interface will look like.



System requirements

- PC
- Windows 95/98/Me, Windows NT 4.0/2000, Windows XP
- 16 MB of RAM
- 16 MB of free hard disk space
- Free serial port