Zentral Home Command | AR Acoustic Research

AV Remote Control for iPhone® / iPod® touch

Setup Guide

1. Unpack 2
2. Set up the Zentral Receiver 2
3. Pair your iPhone or iPod touch with the Zentral Receiver 6
4. Download the App 7
5. Set up your AV Remote account 7
6. Set up the App with your Home Entertainment devices 8

Using the Zentral AV Remote 11

Using UnifyGuide 15

Troubleshooting 19

Congratulations!

You're just a few steps from unlocking the true potential of your iPhone® or iPod® touch* with the Zentral AV Remote Control. Just follow the directions in this Setup Guide—soon you'll be in control of your home entertainment devices, all from the convenience of the Zentral App.

**Requires iPod touch Second Generation or later.*

1 Unpack

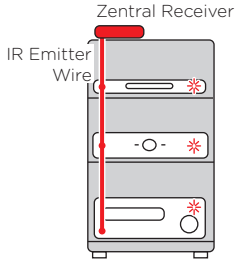
Before you start, take everything out of the Zentral AV Remote Control package. Make sure you have the following parts:

- Zentral AV Remote Control Receiver
- power adapter
- a 6-node IR emitter wire

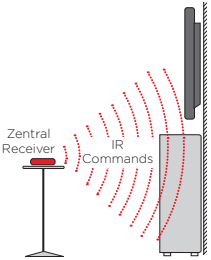
2 Set up the Zentral Receiver

The Zentral AV Remote Control Receiver is the link between the Zentral App and your home entertainment devices. It translates Bluetooth® commands from your iPhone or iPod touch into infrared (or "IR") commands used to control your devices. There are three ways you can set up the Zentral Receiver to communicate with your home entertainment devices.

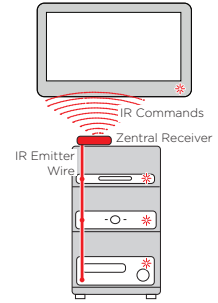
Using the IR emitter wire: This works for hidden or out-of-sight devices.



Using the Zentral Receiver's built-in IR emitter: This works for devices facing the Zentral Receiver or directly above it.



Using a combination of both methods: The IR emitter wire for hidden devices, and the Zentral Receiver's built-in IR emitter for your TV.

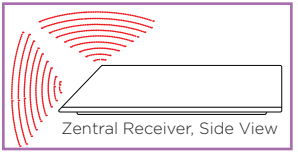


Note: *The Zentral AV Remote can control devices operated by IR commands. It cannot control devices (such as some brands of video game consoles) that use other remote control technologies.*

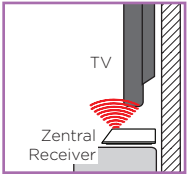
Using the Zentral Receiver's built-in IR emitters

IMPORTANT: *When using the built-in IR emitters, correct placement of the Zentral Receiver is crucial. There must be a clear line of sight between the front or top emitters and the remote control sensor on the device(s) you want to control.*

The Zentral Receiver blasts IR commands in two directions: up and forward. When you place the Zentral Receiver, make sure there's an unobstructed path between it and the devices you want to control.

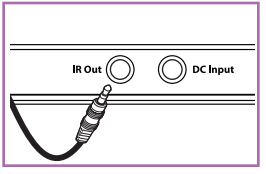


If you are placing the Zentral Receiver beneath a device you want to control, put it slightly forward of the device's front panel. This gives the Zentral Receiver a better angle to reach the device's remote control sensor.

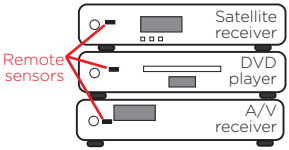


Using the IR emitter wire

1. Plug the IR emitter wire into the IR Out jack on the back of the Zentral Receiver.



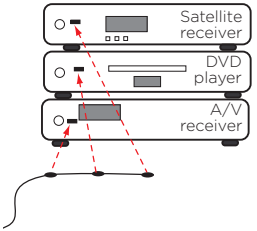
2. Find the IR sensor on each of the devices you want to control using the IR emitter wire—it's usually on the device's front panel.



3. Place a node from the IR emitter wire over each device's IR sensor:
   - Remove the protective film from the node.
   - Stick the node directly on the device's IR sensor.
4. Plug the Zentral Receiver's power adapter into the DC Input jack on the back of the Zentral Receiver. Plug the other end into a standard wall outlet or surge protector.

   Note: *This power adapter should stay vertical or lie flat while plugged in.*

   The indicator light on the front of the Zentral Receiver flashes while the Zentral Receiver waits to pair with your iPhone or iPod touch.



3 Pair your iPhone or iPod touch with the Zentral Receiver

Before you can establish a Bluetooth connection between your iPhone / iPod touch and the Zentral Receiver, you must first pair the two.

1. From the home screen on your iPhone or iPod touch, press the Settings icon.

   Note: *Zentral Apps work with iPod touch second generation or later only.*

2. In the Settings screen, press **General**.

3. In the General screen, press **Bluetooth**.

4. If Bluetooth is not already on, turn it on. Your iPhone or iPod touch searches for Bluetooth devices nearby. (Make sure you're within 15 feet of the Zentral Receiver.)

   When your iPhone or iPod touch is finished searching, it displays the Bluetooth devices it's found. Choose **AV xxxx-xxxx Zentral** ("xxxx-xxxx" is the serial number) to connect to it.

5. The next screen requests a passkey to connect to the AR Zentral AV Remote Receiver. Enter "0000".

6. Once you've entered the passkey, your iPhone or iPod touch asks if you want to connect to the AR Zentral AV Remote Receiver. Choose **Yes**. The final screen shows you that your iPhone or iPod touch is connected. The blue indicator light on the front of the Zentral Receiver turns solid blue when the process is finished.

   Note: *As long as it remains within Bluetooth range of the Zentral Receiver, your iPhone or iPod touch reconnects automatically when you wake it up. If you leave Bluetooth range, you will need to reconnect your iPhone or iPod touch when you return by pressing the Settings icon, choosing* ***General****, then* ***Bluetooth****, and finally* ***AV xxxx-xxxx Zentral*** *to connect to the Zentral Receiver again.*

4 Download the App

Once you've paired and connected, you're ready to install the application (or "App") on your iPhone or iPod touch that allows it to control your Zentral Receiver.

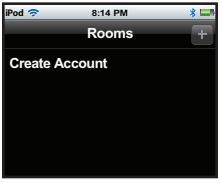
Go to the App Store and search for "Acoustic Research Zentral AV Remote." Click on the **FREE** button to install. Enter your App Store password. The application starts installing to your iPhone/iPod touch.

Note: *If you're getting the app through your computer, you'll have to connect your iPhone or iPod touch and sync it to access the App.*

5 Set up your AV Remote Account

The first step in using your Zentral AV Remote App is creating an account. This account is where your device settings are stored.

1. If the App isn't already running, find the icon for the Zentral AV Remote App and select it.



2. The App may take a moment to launch the first time you use it. Wait for the **Create Account** option to appear, then select it.

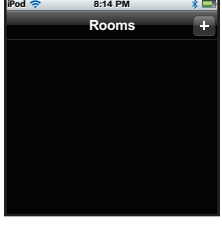
continues on next page...

3. Fill in the form to create your account. Then click on **Done** to proceed. ***Note:*** *Your password must be at least 8 characters long.*

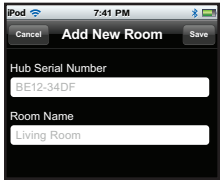
   The App confirms that your account has been created. Now you're ready to set up the AV Remote to control your devices.

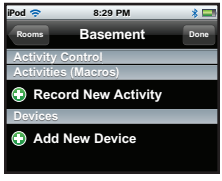
6 Set up the App with your Home Entertainment devices

In order for the App to control your devices, you need to add them, one by one, to your account. First, though, you'll set up the "room" where you use the devices.



1. From the Rooms screen, press the **+** button in the top right corner of the screen.





2. Get your Zentral Receiver's 8-digit serial number from the bottom of the Zentral Receiver (for example, "1A2B-3D4C," ***with the dash***). Enter it in the space provided ("Hub Serial Number"). Then enter the name of the room where you've set up the Zentral Receiver ("Room Name"). Press **Done** when you've finished.
3. The App confirms that you've successfully added the room. Press the room you just created.
4. Press the **Edit** button and select **Add Device**.

5. Select the type of device you want to add.
6. Enter the brand of device you want to add.
7. Enter the name you'd like to give the device in the App (for example, "My TV"). Then press **Save**.

continues on next page...

8. The next screen displays a group of buttons to test with your device, along with the codes available for your brand.

   Select a code from the bottom of the screen to test. Then try all the buttons from this screen that you want to use with this device.

   If the buttons work: Press the **Save** button in the top right corner of the screen.

   If the buttons don't work: Choose the next code from the selector at the bottom of the screen.

9. Once you've saved a code for this device, you're ready to start using the Zentral AV Remote with it!

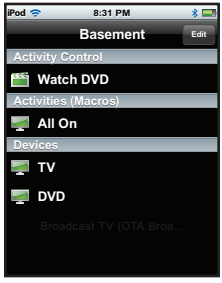
   To add more devices: Start from step 4 and add the next device.

If you can't find a code that works with your device:

You can create your remote with the buttons you want. See the "How to learn a device" section on page 14 for information.

Using the Zentral AV Remote

The AR Zentral AV Remote provides three ways of controlling your home entertainment devices.



You can configure exactly how activity control and devices work on ZentralApp.com.

Activity Control operates several devices at once, based on what you want to do with your home entertainment devices. If you choose **Watch DVD**, for example, play/pause/forward/reverse commands are automatically sent to the DVD player and volume commands to your TV. Activity Control options start appearing automatically after you've set up several devices.

Activities (Macros) execute multi-step actions in a single button press. For example, you can create an activity to turn all your devices on when you're ready to watch TV. You must create activities for these to appear in the list (see page 14 for more information).

Devices control a single device at a time. For example, if you choose your satellite receiver, the Zentral AV Remote will send commands to that device only.

To use Activity Control or a Device:

1. Select the device or activity you want to control.
2. The Zentral AV Remote App displays a page of buttons (or a "cluster"). Each device or activity control option can have multiple pages of buttons.

How Zentral AV Remote Buttons work

To use a button: Press it.

Channel and **volume** buttons display controls for changing channel or volume.

The **menu navigation** button in the middle of the page displays arrows.

To access other pages of buttons: Swipe the screen.

To go back to the AV Remote home screen: Press the room name in the top left corner of the screen.

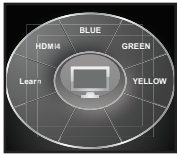
Customizing your devices and activity control (via ZentralApp.com)

AR Zentral AV Remote lets you customize the buttons on each screen, as well as what those buttons control, on ZentralApp.com. Just point your computer browser to ZentralApp.com, log in to your account, and customize as desired. When you're finished, log out of ZentralApp.com and start the AV Remote App again. The App synchronizes with your ZentralApp.com settings.

Learning new buttons and devices

If the Zentral AV Remote doesn't have all the functionality you want from your original remotes, or if the AV Remote doesn't have a code that controls your device, you can teach the Zentral AV Remote the buttons or new devices you want to control.

How to learn a button



1. From the App home screen, choose the device you want to add the button to.
2. Go to the final page of buttons for this device and press **Learn**.

3. Place your original remote 1/2 inch away from the front of the Zentral Receiver. Follow the prompts on the AV Remote App screens to capture the button from the original remote.

4. Once the AV Remote has learned the button, the App asks you to enter a name for it. Enter the name you want displayed for this button.
5. Once you've entered the button name, the App asks you if you want to learn another button. If you want to learn more buttons, select **Yes** and repeat steps 3 and 4. Select **No** to exit learning.

How to learn a device

1. From the App home screen, press **Edit** and select **Add Device**.
2. Select **Virtual Device** from the bottom of the list.
3. Enter a name for your learned device (for example, “Sony TV”). Then select **Next**.
4. Place your original remote 1/2 inch away from the front of the Zentral Receiver. Follow the prompts on the AV Remote App screens to capture the first button you want to learn from the original remote.
5. Once the AV Remote has learned the first button, the App asks you to enter a name for it. Enter the name you want to use for this button.
6. Once you’ve entered the button name, the App asks you if you want to learn another button. If you want to learn more buttons, select **Yes** and repeat steps 4 and 5. Select **No** to exit learning.

Creating Activities (Macros): Multi-step actions in one press

The Zentral AV Remote gives you the power to simplify common multi-step routines, like getting your home entertainment devices ready to watch a movie, to a single button press, called an Activity or Macro. The Zentral AV Remote can RECORD all the steps and turn the whole process into a single command.

Getting ready

Before you start, go through the steps of the activity you want to record. Make sure all the steps work, and that you can go through them without mistakes.

Recording the activity

Note: *For best results both recording and using your activities, use the same “base” state as a starting point. For example, you could have all your devices on and have the TV on a certain input before you start recording or executing any activity.*

1. From the AV Remote App home screen, press the **Edit** button and select **Record Activity**.

   Note: *You can also start recording an activity directly from a button screen by pressing the Record button in the top right corner.*

2. Follow the on-screen prompts to start recording the activity. Then go through the steps just as your rehearsed them.
3. When you've finished the steps, press the **Stop** button.
4. Enter a name for the activity and select **Save**.

   Note: *The App allows you to adjust the timing between remote commands in your activity before saving it. You can adjust this timing when you use the activity as well.*

Using Activities (Macros)

Once you've recorded and saved an activity, it appears on the App home screen. To use your activity, simply select it from this screen. You can pause and resume the activity while it's running by pressing the onscreen playback/pause button.

Using UnifyGuide*

The AR Zentral AV Remote comes with a 15-day free trial subscription to the UnifyGuide, a TV listings service that lets you see what's on TV and search for your favorite shows. The UnifyGuide also lets you retrieve schedules for showings of your favorite shows, set reminders for showings, and filter channels and guide listings by your favorites.

** UnifyGuide is a subscription-based service. Visit ZentralApp.com for more information.*

Setting up TV Listings

1. Press the **TV Guide** button at the bottom of the screen. The App tells you the guide hasn't been set up yet. Press **OK**.
2. Press **More** in the top right corner of the screen. Then press **Setting**.
3. Enter your ZIP/postal code.
4. Press in the **Location** box and select your time zone.
5. Press in the **Service Provider** box and select your programming provider (cable, satellite, or other type of service). The AV Remote App will take a moment to download TV listing information for you.

Browsing the guide

To access the TV Listings: Press the **TV Guide** button at the bottom of the screen.

To navigate within the TV Listings: Sweep up or down to go through channels, left and right to go through times in the guide, and touch the screen to select a show/channel.

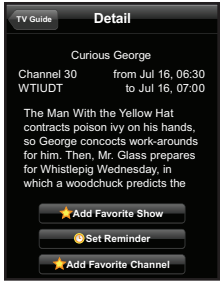
To skip quickly to a different section of channels: Use the number guide along the right side of the screen.

To get information on a program in the guide: Select the program in the guide.

Searching the TV Listings

1. In the TV Listings, press the search icon at the top of the screen.
2. Enter the term (title or keyword) you want to find in the listings.
3. In the results screen, select the program you want for more options.

Setting favorite channels/programs and reminders



To add a show to your favorites: Select a future showing of the program in the listings, then select **Add Favorite Show**. Showings of this program will appear with a star next to them in the listings. The UnifyGuide will also add this program to your Favorite Programs list (see page 18 for more information).

To set a reminder for a show: Select a future showing of the program in the listings, then select **Set Reminder**. The UnifyGuide will put this showing of the program in your calendar and send you a reminder before the showing starts.

To add a channel to your list of favorites: In the TV Listings, select a program on a favorite channel. Then select **Add Favorite Channel**.

Using favorites

1. In the TV Listings, press the **More** button.
2. Select **My Favorite Shows** to display the programs you've selected as your favorites. Select **My Favorite Channels** to display the channels you've selected as your favorites.
3. Select a program to see showings of that program found in the listings. Select the showing you want for more options.

To remove a program or channel from your favorites: In TV Listings, press the **More** button. Select **My Favorite Channels** or **My Favorite Shows**, then press the channel or program you want to remove. Select **Delete**.

Changing listing settings

1. ***On your computer,*** go to ZentralApp.com and log in.
2. Click on **AV Settings**.
3. Click on the **Listing Settings** tab.
4. Click on **Edit**.
5. Change your settings for Zip/Postal code, Time Zone, and/or Programming Provider.
6. Click **Save** when you've finished.
7. Inside the Zentral AV Remote App, press **TV Guide**.
8. Select **Re-Download** to update the guide to your current settings.

Troubleshooting

Most common problems with the Zentral AV Remote can be solved by trying one of the following solutions. If you have any further questions, please call our help line toll-free at 1-800-732-6866 or visit www.ZentralHomeCommand.com.

I can't pair my iPhone or iPod touch with the Zentral Receiver.

The Zentral Receiver is discoverable for 10 minutes after you plug it in. If you haven't paired it in that time, unplug the Zentral Receiver, plug it back in, and try again.

My iPhone or iPod touch won't reconnect with the Zentral Receiver.

As long as it remains within Bluetooth range of the Zentral Receiver, your iPhone or iPod touch reconnects automatically when you wake it up. If you leave Bluetooth range, you will need to reconnect your iPhone or iPod touch when you return by pressing the Settings icon, choosing **General**, then **Bluetooth**, and finally **AV xxxx-xxxx Zentral** to connect to the Zentral Receiver again.

If your iPhone or iPod touch doesn't connect the first time you press **AV xxxx-xxxx Zentral**, press it again.

I can't control my devices.

Make sure your iPhone or iPod touch is within Bluetooth range of the Zentral Receiver. Stand beside the Zentral Receiver and try using the AV Remote App. If you still can't control your devices, make sure you have the Zentral Receiver and/or the IR array installed correctly to control your devices. See page 3 for details.

I can't find a code that works with my device.

You can learn some or all of the commands for that device from its original remote. See the "How to learn a device" section on page 14 for information.

The AV Remote App doesn't control all the functions of my device(s).

The AV Remote can learn functions from the original remote. See the "How to learn a button" section on page 13 for information.

©2010 Audiovox Accessories Corporation
111 Congressional Blvd., Suite 350
Carmel, IN 46032

www.ZentralHomeCommand.com
ARRZ300IP English OM 02

iPhone and iPod are registered trademarks of Apple Inc. Bluetooth is a registered trademark of Bluetooth SIG, Inc. All other product and service names are trademark of their respective owners.

iPhone et iPod sont des marques déposées d'Apple Inc. Bluetooth est une marque déposée de Bluetooth SIG, Inc. Tous les autres noms de produits et de services sont des marques commerciales de leurs propriétaires respectifs.

iPhone y iPod son marcas registradas de Apple Inc. Bluetooth es una marca registrada de Bluetooth SIG, Inc. Todos los demás productos y marcas de servicio son marcas de sus respectivos dueños.