

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) this device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.  
Any changes or modifications of this product, not approved by manufacturer will void the user's authority to operate the equipment.

**Zentral**  
Home Command

**AR**  
Acoustic  
Research

# AV Remote Control

## Télécommande audio/vidéo

## Control Remoto para Audio y Video

Setup Guide .....	2
Unpack / Register for App download / Gather info on your devices / Set up the Zentral Receiver / Pair with the Zentral Receiver / Install the App / Set up the App with your Home Command devices .....	14
Using the Zentral AV Remote .....	22
Troubleshooting .....	22

Guide de configuration.....	23
Déballage / Enregistrement pour le télécommande / Configuration de l'application / Collecte de renseignements sur vos appareils / Configuration du récepteur Zentral / Synchronisation du récepteur Zentral / Installation de l'application / Configuration de l'application pour le télécommande Zentral / Installation de l'application / Configuration de l'application pour le télécommande Zentral .....	35
Utilisation de la télécommande Zentral .....	43
Dépannage .....	43

Guía de Configuración .....	44
Desempaque / Regístrese para poder descargar la aplicación / Organice la información sobre los dispositivos / Configure el Receptor Zentral / Sincronícelo con el Receptor Zentral / Instale la Aplicación / Configure la Aplicación con sus dispositivos del sistema de Entretenimiento en Casa .....	55
Cómo Utilizar el Control Remoto para Audio y Video Zentral .....	63
Resolución de Problemas .....	63

To Be Updated

# Congratulations!

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

## 1 Unpack

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

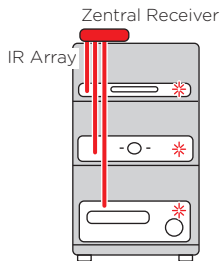
- the Zentral AV Remote Control receiver
- a power adapter
- a 6-emitter IR array

## 2

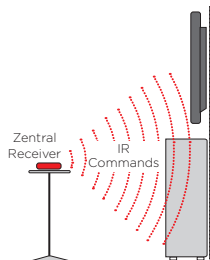
## Set up the Zentral Receiver

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

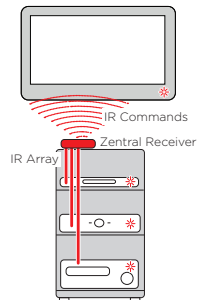
**Using the IR array:** This works for hidden or out-of-sight devices.



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



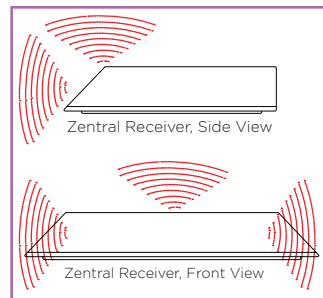
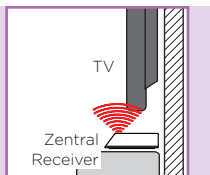
**Using a combination of both methods:** The IR array for hidden devices, and the Zentral Receiver's built-in IR emitter for your TV.



## Using the Zentral Receiver's built-in IR emitters

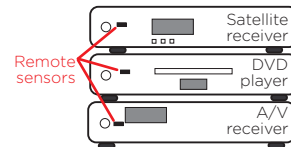
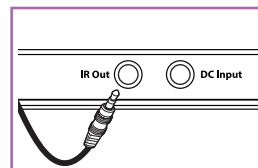
The Zentral Receiver blasts IR commands in four directions: up, forward, and to either side. When you place it, make sure there's an unobstructed path between the Zentral Receiver and the devices you want to control.

*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 array

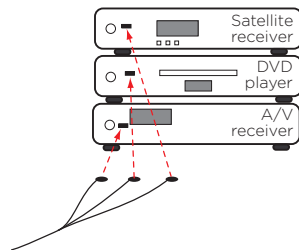
1. Plug the IR array plug into the IR Out jack on the back of the Zentral Receiver.
2. Find the IR sensor on each of the devices you want to control using the IR array—it's usually on the device's front panel.



3. Place a node from the IR array 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 be plugged in so that it stays vertical or lies flat.

The indicator light on the front of the Zentral Receiver flashes while the Zentral Receiver waits to pair with your BlackBerry.

## Pair with the Zentral Receiver

### *Make sure Bluetooth is on...*

1. From your BlackBerry home screen, press the menu button (  ) and select **Manage Connections**.
2. In the Connections menu, locate **Bluetooth**. If it isn't already checked, press the select button to turn it on.

1. From your BlackBerry home screen, press the menu button (  ) and select **Setup** (  ).
2. In the Setup menu, select **Set Up Bluetooth** (  ).
3. In the Add Device dialog box, select **Search**. (Make sure you're within 15 feet of the AR Zentral AV Remote Receiver.)
4. When your BlackBerry is finished searching, it displays the Bluetooth devices found. Select **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" as the passkey.
6. Once you've entered the passkey, your BlackBerry might ask if you want to connect to the AR Zentral AV Remote Receiver. Choose **No** (the Zentral App will take care of the connection later). The blue light on the front of the Zentral Receiver turns solid blue when the process is finished.

## 4 Download the App

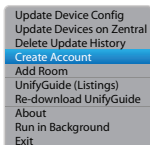
1. On your BlackBerry, point your browser to **www.ZentralApp.com/bbdownload**
2. Select AV Remote Control as the App you want to download.
3. If download does not start immediately, select your BlackBerry model or select **Download** to download the App to your BlackBerry. Once downloaded, the App installs automatically.
4. Select **Run** to start using the App on your BlackBerry. If your BlackBerry asks you to grant AR Zentral AV Remote trusted App status, select **Yes**. If it asks to allow the App to connect to the ZentralApp.com site, select **Allow**.

## 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 Zentral keeps your remote codes and device settings.



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



2. Press the  button and select **Create Account**.

Create a new account

First name

Last name

Select a user name

Select a password

Re-enter password

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

Create a new account

BlackBerry mail

Tip: To insert @ or . press SPACE.

By clicking 'I Accept' you agree to the terms of use and privacy policy.

I Accept

Cancel

Terms of Service

Privacy Policy

4. Enter an email address you use on your BlackBerry. Then click on **I Accept** to continue.

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

## 6

## Set up the App with your Home Entertainment devices

Update Device Config

Update Devices on Zentral

Delete Update History

Create Account

**Add Room**

UnifyGuide (Listings)

Re-download UnifyGuide

About

Run in Background

Exit

1. From the AV Remote App home screen, press the  button and select **Add Room**.



Create a new room

Hub serial number:  
e.g. T1004152135

Room name:  
e.g. Living room

Done Cancel

Living Room

Update Device Config

Update Devices on Zentral

Delete Update History

Create Account

Add Room

Add Device

Adding new device to Living Room

Please select a device type

TV

TV

Video-VCR

Video-DVD

Cable Set Top Box

Satellite Set Top Box

Audio-Amplifier

Back Next Cancel

Adding new device to Living Room

Device Type: TV

Please enter the brand/manufacturer of the device

Back Next Cancel

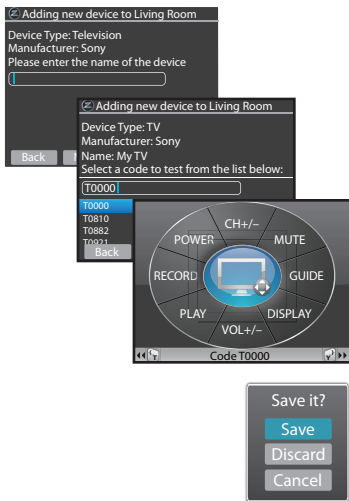
2. Get your Zentral Receiver's 8-digit serial number from the bottom of the Zentral Receiver. Enter it in the space provided. Then enter the name of the room where you've set up the Zentral Receiver. Select **Done** when you've finished.

4. Press the  button and select **Add Device**.

5. Select the type of device you want to add first.

6. Enter the brand of device you want to add. Then select **Next**.

*continues on next page...*



7. Enter the name you'd like to give the device in the App (for example, "My TV"). Then select **Next**.

8. Select a code from the list to test and select **Next**.

9. The next screen displays a group of buttons to test with your device. Highlight a button from the group and select it to test the button with your device. Try all the buttons from this screen that you want to use with this device.

**If the buttons work:** Press the return button (↵) on your BlackBerry. Then select **Save**.

**If the buttons don't work:** Press the Y button on your BlackBerry to go to the next code. Then test the buttons again.

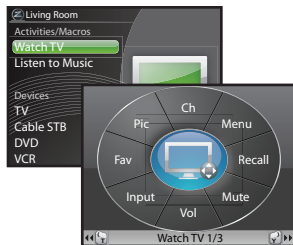
***If you can't find a code that works with your device:***

*You can create your remote with the buttons you want. See the "How to learn a device" section on page 16 for information.*

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

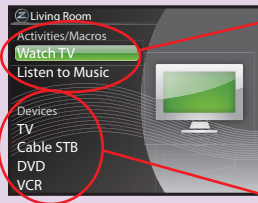
**To add more devices:** Start from step 2 and add the next device.

# Using the Zentral AV Remote



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

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



**Activities/Macros** control several devices at once, based on what you want to do with your home entertainment devices.

Within the Watch DVD activity, for example, play/pause/forward/reverse commands are automatically sent to the DVD player and volume commands to your TV.

**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.

*You can configure exactly how activities and devices work, and set up new ones, on [ZentralApp.com](http://ZentralApp.com).*

## How Zentral AV Remote Buttons work



**To use a button:** Highlight and select 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:** Press T or Y on the BlackBerry keyboard to go to the next screen.

**To go back to the AV Remote home screen:** Press the return button (↩) on your BlackBerry.

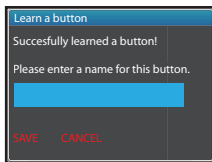
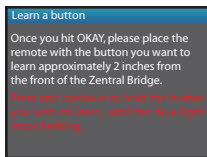
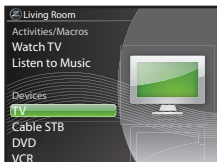
## Customizing your devices and activities (via ZentralApp.com)

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 BlackBerry or computer browser to ZentralApp.com, log in to your account, and customize as desired. When you're finished, log out of ZentralApp.com, start the AV Remote App again, press the menu button, and select **Update Device Config**. The App synchronizes with your ZentralApp.com settings.

## Learning new buttons and devices

If the Zentral AV Remote hasn't captured 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. Choose the device you want to add the button to.
2. Press the menu button and select **Learn a button**.
3. Place your original remote less than one 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 on-screen 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. Press the menu button and select **Add Device**.
2. Select **Virtual Device** from the bottom of the list. Then select **Next**.
3. Enter a name for your learned device (for example, “Sony TV”). Then select **Next**.
4. Place your original remote 1-2 inches 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.

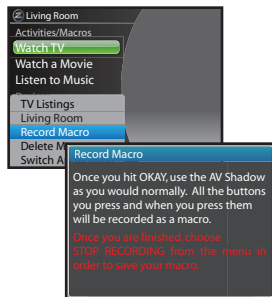
## Using Macros: Everything you want to do in one press!

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 a “macro”. The Zentral AV Remote can RECORD all the steps and turn the whole process into a single command. Do it once, and you’re done!

## ***Getting ready***

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

## Recording the macro

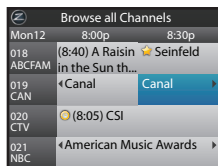


1. From the AV Remote App home screen, press the menu button and select **Record Macro**.
2. Follow the on-screen prompts to start recording the macro. Then go through the steps just as your rehearsed them.
3. When you've finished the steps, press the menu button and select **Stop Recording**.
4. Enter a name for the macro and select **Save**.

## Using macros

Once you've recorded and saved a macro, it appears on the App home screen with the Activities. To use your macro, simply select it from this screen. The Zentral AV Remote does the rest.

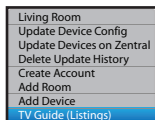
## Using UnifyGuide\*



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 and search for your favorite shows. The UnifyGuide also lets you retrieve schedules for showing 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](http://ZentralApp.com) for more information.

## Setting up TV Listings



1. From the AV Remote App home screen, press the menu button and select **TV Guide (Listings)**.
2. Enter your ZIP/postal code and select **Save and Continue**.
3. Select your time zone.
4. 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 menu button and select **TV Listings**.

**To navigate within the TV Listings:** Use the trackball and select highlighted programs for options. Press the **Q** and **A** buttons to go one page up or down through the channels. Press the **T** and **B** buttons for the top or bottom of the guide listings.

**To go directly to a channel's listings in the guide:** Enter the channel number.

**To tune to a current program in the guide:** Select the program in the guide.

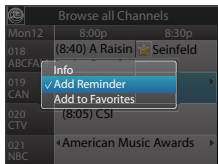
**To get information on a future program in the guide:** Select the program in the guide, then select **Info**.



## Searching the TV Listings

1. In the TV Listings, press the menu button.
2. Select **Search**.
3. Enter the term (title or keyword) you want to find in the listings.
4. 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 to Favorites**. 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 20 for more information).

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

**To add a channel to your list of favorites:** In the TV Listings, press menu. Then select **Add to Favorite Channels**.

## Using favorites

1. In the TV Listings, press the menu button.
2. Select **Favorites**. The programs you've selected as your favorites are shown in the screen that appears.
3. Select a program to see showings of that program found in the listings. Or press the menu button and select **Expand All** to see showings for all your favorite shows.
4. Select the showing you want for more options.

**To remove a program or channel from your favorites:** In the Favorites list, press the menu button and select **Remove from Favorites**.

## 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. From the Zentral AV Remote App home screen, press the menu button.
8. Select **Re-download UnifyGuide** 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](http://www.ZentralHomeCommand.com).

### ***I can't pair my BlackBerry with the Zentral Receiver.***

The Zentral Receiver is discoverable for 15 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.

### ***I can't control my devices.***

Make sure you're within Bluetooth range of the Zentral Receiver. Stand beside the Zentral Receiver and try using the AV Remote. 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 5 for details.

### ***The AV Remote App doesn't have 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 16 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 buttons" section on page 15 for information.

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