

## Broadway

### Quick Install Guide



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QI-BROADWAY-V5  
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### Welcome!

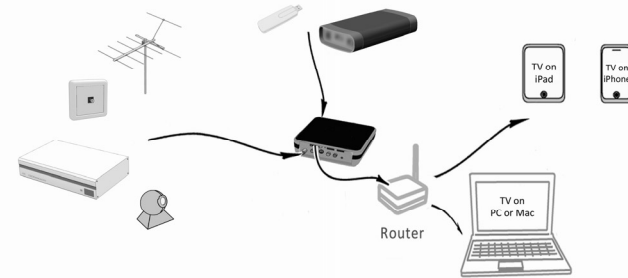
Thank you for purchasing Broadway by Hauppauge Digital. Please follow these instructions to quickly start streaming live TV or TV recordings to virtually any PC and handheld device in your network.

### What is Broadway?

Broadway brings TV to your iOS or Android device (see [www.pctvsystems.com](http://www.pctvsystems.com) for an up-to-date list of supported devices). In addition you can record the TV program to a connected USB mass storage device.

Broadway needs two things in order to operate:

1. **A TV source** for live TV – can come from an over-the-air TV antenna (ATSC transmission) or your cable TV or satellite set top box for pay TV.
2. **A connection to a network router** in your home. The connection can be wireless (Wi-Fi) or wired (Ethernet).



When you are at home, you can watch the video signal streamed by Broadway over a Wi-Fi connection. When you travel, you need to have an Internet connection (Wi-Fi or 3G/4G) in order to receive the video signal from Broadway.

Additional information on the setup and use of Broadway can be found at: <http://distan.tv/manuals>.

### Broadway Hardware Setup

#### Step 1: Unpack

Check that your package includes the following:

- Broadway ATSC/ClearQAM receiver box
- Power supply unit with plug adapter
- Ethernet cable
- IR-Blaster cable
- 6 (4 + 2 spare) rubber feet
- Wall mounting kit (2 screws / 2 wall plugs)
- Quick Install Guide

Depending on the version of your product, package contents may vary. Images are samples.

#### Step 2: Connect to the Router

**Note:** For the initial setup, the connection must be wired.

- Use the provided Ethernet cable to connect Broadway to the router of your home network.

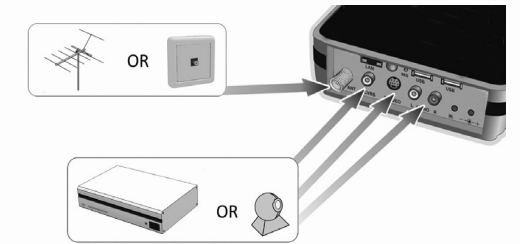


**Important:** Make sure the router is connected to the Internet.

### Step 3: Connect a TV Source

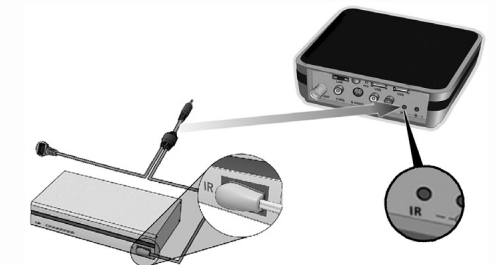
You can connect the following video sources to Broadway:

- **Cable TV or satellite set top box**  
Use S-Video or composite video and stereo audio cables (none included in the scope of delivery).
- **ATSC outdoor antenna** or a TV coax cable for **ClearQAM** channels.
- **Security camera**  
Use the S-Video or composite video and audio inputs  
*Note: cameras with USB plug only are not supported.*



#### Connect the IR-Blaster cable (optional)

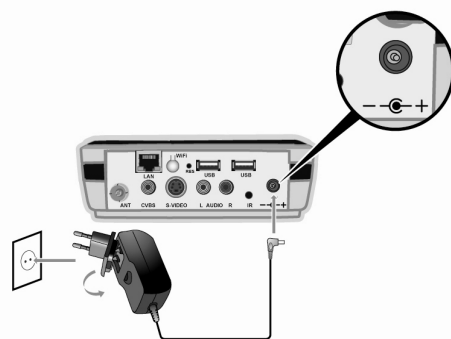
- Connect the IR-Blaster cable as shown in the image below to control selected channels on your set top box.



**Note:** Make sure the IR-transmitter is close to the IR-receiver window of your set-top box but does not cover it completely (see previous image).

### Step 4: Connect Power and Turn on

- Insert the included power supply adapter into the body of the power supply unit.
- Connect your Broadway box to a wall socket using the provided power supply unit.



**Caution:** You may use Broadway only with the provided power supply unit.

- Broadway starts.  
The white indicator light on the front panel will start to blink.
- Wait until the indicator light stops blinking.
- Broadway is now connected to your router and ready for use.

**Note:** If the light continues to blink, it means that you have not connected Broadway to your home router

### Broadway Setup in your Home Network (Wi-Fi/LAN)

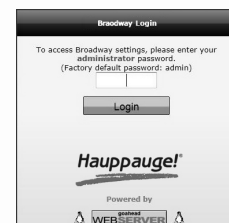
The setup of Broadway is done from your client device. As part of the initial setup, you will need to go through the setup procedure from our website.

#### Step 1: Access Broadway and follow the instructions of the Setup Wizard

For this step an Internet connection is required.

**Note:** Make sure your router is connected to the Internet and your Wi-Fi network is WPA/WPA2 encrypted. Broadway does not support WEP encryption.

- Make sure your client device is connected to your home network over Wi-Fi or wired.
- Open an Internet browser window. Use Safari on your Apple product or any web browser on your PC.
- In the address field type: <http://distan.tv>.
- You will see the **Broadway login screen**.
- Enter the default Administrator Password: **admin**.



**Note:** More information can be found in the online Broadway User's Guide at: <http://distan.tv/manuals>.

- The Broadway Setup Wizard opens.
- **Follow the instructions of the Broadway Setup Wizard.** It will guide you through the setup procedure helping you to configure the wireless device connection to the router and run a channel scan.
- Select the way you want to operate Broadway, wired or wireless.

**Note:** for the initial setup, you must select the wired operation mode..

- Click **Next** and select your TV source out of the following choices:
  - **AV-in with connected set top box and IR-Blaster support:** this is used, when connecting Broadway to a cable TV / satellite set top box for pay TV.
  - **AV-in with connected camcorder:** this can be used if you have a security camera and want to watch the video via Broadway.
  - **TV tuner with connected TV antenna or cable:** if you are using an ATSC antenna or a TV coax cable.

**Note:** You cannot use the integrated TV tuner(s) and the AV-input simultaneously.

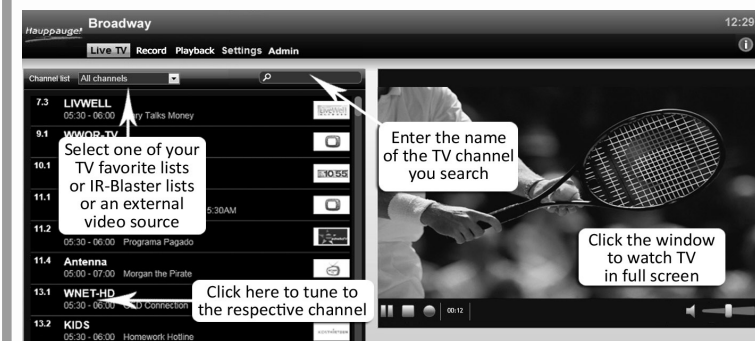
#### Scanning for TV Channels (if you have connected a ATSC Antenna or cable)

If you have chosen **TV tuner with connected TV antenna or cable** as your TV source, you will now be taken through the channel scan procedure.

- Make sure the **Location** is set to your country correctly.
- Select ATSC or QAM (not both). Click **Start Scan**.
- When the scan is complete, Broadway will inform you how many channels were found and show you a list of channels.

**Note:** If Broadway did not find any channels, please check your antenna and make sure it is plugged in well to the connector on the back of Broadway. Use an outdoor antenna if you are in a region with weak ATSC signal.

- After the channel scan is complete, click **Quit** to exit the Setup Wizard and start watching live TV.



**Note:** In order to display the Broadway TV-stream the web browser of your PC or Android device must support the Adobe® Flash® video format.

If you have chosen: **AV-in with connected set top box and IR-Blaster support** the IR-Learning Wizard will guide you through the IR-Blaster configuration (for further details turn the page).

## Setup the IR-Blaster (optional)

If you have chosen a cable TV or satellite TV box with IR-Blaster support as a TV source, you will now be taken through the IR-Learning Wizard to set up the IR-Blaster.

The IR-Blaster automatically changes the channels on your set top box.

**Note: Make sure you have plugged the IR Blaster cable and have positioned the IR-Blaster over the receiver on your set top box (see Step 3 - Connect the IR-Blaster cable).**

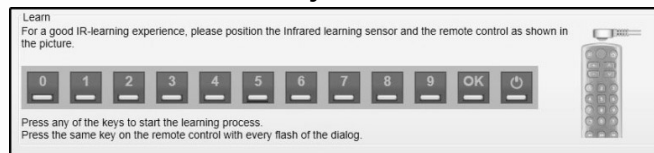
- The **IR-Learning Wizard** starts automatically.
- Follow the instructions of the **IR-Learning Wizard** to:

### 1. set the properties of your set top box

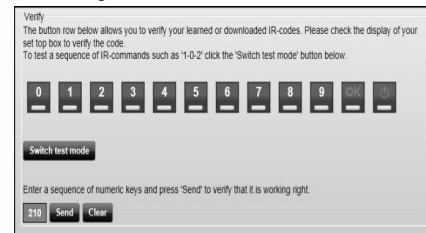


If your set top box model is listed, the IR-codes will be downloaded onto your Broadway device and you can skip the learning process.

### 2. learn the IR-codes of your remote control

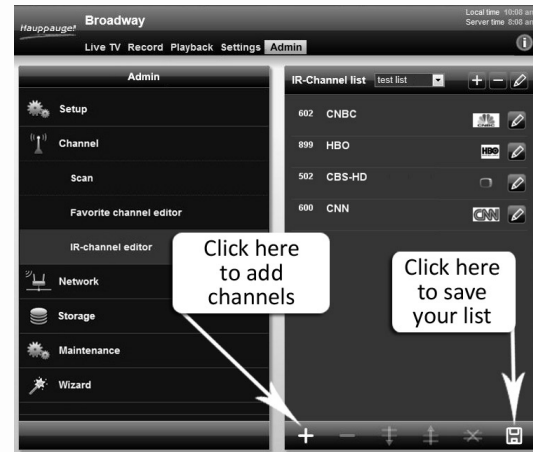


## 3. test your IR-Blaster



If your set top box was not listed and you learned the IR-codes of the remote control, you may add these codes to our database and re-use them later by clicking the **Save to DistanTV Server** button.

- After having successfully completed the **IR-Learning Wizard** the **IR-Channel editor** opens automatically.
- Follow the instructions of the **IR-Channel editor** to create a channel list for your IR-Blaster.



- Important: Save your IR-Channel list.

## Broadway Setup for Live TV over the Internet (optional)

Now that you have successfully installed Broadway for live TV over your home network, you may want to set it up to watch live TV over the Internet. To do so, complete the following two steps

### Step 1: Link Broadway and your Mobile Client Device to the *distan.tv* Server

Your client device needs to know the "phone number" of Broadway in your home. Technically speaking, this is the IP address of your home Internet connection. By linking your client device to *distan.tv* the IP address of your home Internet connection will be stored on your client device. This way it is easier for your client device to find your Broadway when accessing it via the Internet.

**Note: To link your client device make sure an Internet connection is available and the client device is connected to your home network.**

- Open the web browser and go to <http://distan.tv>.
- In the Broadway login screen enter your password.
- Click on the "i" button in the upper right corner.
- On the Broadway homepage, click the **Create bookmark page** button.
- Add the upcoming page to your **Favorites (Bookmarks)** in your web browser.
- Repeat the procedure to link as many client devices as you like.

**Note: to access <http://distan.tv> via the saved bookmark you have to use the same web browser you used to create the bookmark on your client device.**

## Step 2: Map a Port on your Router

The second requirement for Broadway TV streaming, is the so-called router "port forwarding/mapping".

"Port mapping" requires you to configure your home Internet router and assign the internal IP address of your Broadway to a chosen communication port.

**Note: The default port used by Broadway is 80. You can use a different port as well. For details refer to the guide at [www.hauppauge.com/pdfs/broadway1.pdf](http://www.hauppauge.com/pdfs/broadway1.pdf).**

- To find the internal IP address of your Broadway, click the "i" button in the upper right corner and write it down.
- In the web browser open the Settings pages of your router menu (by typing for example 192.168.1.1) and assign to the chosen communication port the internal IP address of your Broadway.

Unfortunately, the setup of port forwarding/mapping differs across the router brands. You will need to refer to your router's manual for further information.

**Note: You can find examples on how to configure port mapping on common router models in our online knowledge base at <http://distan.tv/manuals> or send your personal request to [router-support@pctvsystems.com](mailto:router-support@pctvsystems.com).**

## Access Broadway via Internet

**Note: Make sure the chosen communication port of your router is mapped and your client device is connected to the Internet and linked to *distan.tv*.**

- Open the web browser on your client device.
- Select the **Broadway Bookmark**.
- In the now opened page click the **Connect** button.

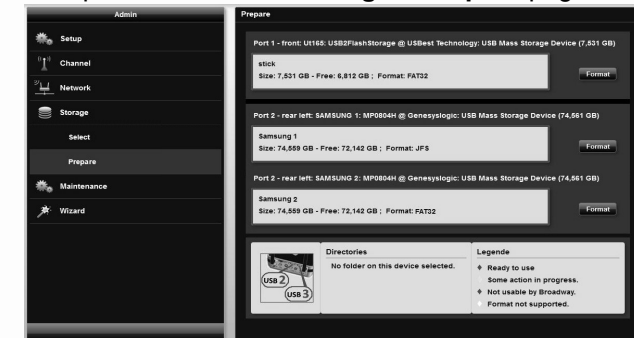
## Recording – Getting Started

Use one of the three Broadway USB ports to connect a USB hard- or flash-memory drive and start recording your favorite TV shows. You can instantly record the show you are watching or schedule a recording.

In order to start recording you first have to setup your USB hard- or flash-drive for usage with Broadway. This setup is performed from your client device.

To do so, proceed as follows:

- Connect the USB drive to one of Broadway's USB ports.
- Make sure Broadway is powered on and both Broadway and the client device are connected to your network and to the Internet.
- In the URL-field of your web-browser type in <http://distan.tv>.
- Open the **Admin > Storage > Prepare** page.



- Now all available USB drives and their partitions will be displayed.

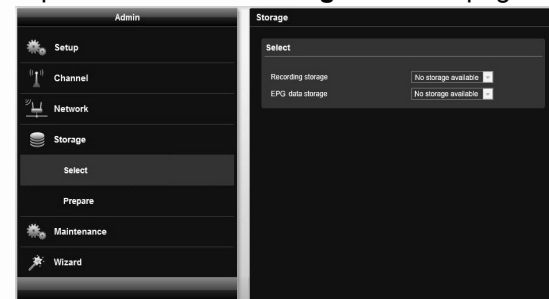
**Note: Broadway currently supports two file systems: FAT 32 and JFS.**

- If the partition you want to use for recording has a file system that is not supported by Broadway, click the **Format** button to re-format the partition.

**Note: formatting will delete all existing data on the partition.**

**Therefore make sure to save your data before formatting.**

- In the pop-up dialog select the desired file system: **FAT 32** supported by Windows operating systems. **JFS** supported by Linux operating systems.
- After the partition has been formatted, from the Broadway menu open the **Admin > Storage > Select** page.



- From the **Recording Storage** dropdown menu select the USB drive or the partition you want to record onto.
- Broadway prepares the selected drive for recording. **Do not unplug the USB drive, while the red USB LED on the front panel blinks.**

**Note: you can only set one folder for capturing your recordings. If you have several USB drives connected to Broadway, Broadway will automatically capture your recordings to the USB drive most recently used for recordings or to the last one you manually defined for capturing.**

## Important Note

### for Users without Internet Flat Rate

Broadway stays connected to our *distan.tv* server via the Internet to make sure that you can easily reach your Broadway - from your local network or the Internet. If your Internet service provider is charging you by the minute for Internet service, you should disable Broadway's Internet access to avoid excessive connection charges.

To do so follow these steps:

- Open the web browser of your client device.
- Go to <http://distan.tv>.
- Click on the **Admin** tab.
- Select **Network > Advanced**.
- Set the checkmark next to **Use static IP address** in the **LAN** or **WLAN** section, depending on how Broadway is connected to your router.
- Make sure that the respective field next to **Gateway** shows the value **0.0.0.0**.

## Broadway Defaults

Login Data: Administrator Password: **admin**  
TV viewing PIN: **0000**

Communication port: **80** (TCP and UDP)

Access URLs: **distan.tv** (internet connection required)

**Hostname** (not supported by every router)  
the default hostname is: **broadway.box**

**IP Address of your Broadway**

DHCP environment: check your router

Static IP address: **10.20.30.50**

TFTP-Server IP address: **10.20.30.40**

## Congratulations!

You have just completed the Quick Install Guide. Enjoy!

For further information regarding the installation and usage of Broadway, please refer to the user's guide or contact our tech support at: [techsupport@hauppauge.com](mailto:techsupport@hauppauge.com).

**CE/FCC Conformity:** The declaration can be downloaded from: <http://www.pctvsystems.com/compliance>.

**Hauppauge!**

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