

# WAVELINK COMMUNICATOR QUICK START GUIDE

This document provides first-time Wavelink Communicator users with information about installing, configuring and operating the Communicator.

## OVERVIEW

The Avalanche Communicator is a push-to-talk voice-over IP application that enables mobile device users to communicate with each another in a one-to-one (device-to-device) or one-to-many (broadcast) mode of operation.

Communicator is paired with the Avalanche Console (either SE or MC). You must install the Communicator software package to a software profile, configure the package and then send the configuration to the mobile devices that support the configuration.

This quick start guide provides the information you need to get the Communicator installed and running quickly. For details about all the configuration and customization options available in the Communicator, refer to the *Wavelink Communicator User Guide*.

## INSTALLATION REQUIREMENTS

You can install Communicator on the following types of hardware:

- CE mobile devices with OS version 5.0 or later
- Windows Mobile devices with OS version 5.0 or later
- Desktops with Enabler version 3.0 or later
- Mobile computers with Enabler 3.0 or later

## ADDITIONAL REQUIREMENTS

- Avalanche MC or Avalanche SE version 4.8 or later
- A headset is recommended for optimal performance

## INSTALLING THE COMMUNICATOR PACKAGE

The Communicator is delivered as an Avalanche software package that must be installed in your Avalanche Console.

### To install the software package:

1. From the **Quick Start** tab of your Avalanche Console, select **Add Device Software**.  
The *Add Device Software Wizard* launches.
2. Follow the Wizard prompts to complete the software package installation.

## ACTIVATING LICENSES

After you install Communicator, you can access the *Wavelink Activation* dialog box from the software package or by selecting **Start > All Programs > Wavelink Avalanche MC > Activate**. From this dialog box, you can activate your Communicator licenses in one of the following ways:

- Automatically
- Manually
- Import a License
- Use Demo Mode

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**NOTE:** The following instructions provide information about activating your licenses automatically. For information about the other methods, refer to the *Wavelink Communicator User Guide*.

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If your Avalanche Console resides on a system that has Internet access, you can use the automatic license activation to activate Communicator licenses.

When you use the automatic activation method, Avalanche connects with a secure Wavelink Web Server location to verify your license. A nodelock and a license file are sent to your host system. The license file called `wavelink.lic` is installed on your system, which provides the information the product needs to operate.

### To activate Communicator licenses:

1. Obtain the Communicator product licensing code from Wavelink.

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**NOTE:** You receive this information in an e-mail from Wavelink upon purchasing Communicator licenses.

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2. Access the *Wavelink Activation* dialog box by clicking **Start > All Programs > Wavelink Avalanche MC > Activate**.
3. Type your license number for this installation in the `Product License` text box.
4. Click **Activate**.

Avalanche connects with a secure Wavelink Web site. Your license and nodelock are verified, and a license file is sent to your host system. A new dialog box appears, displaying your licensing information and asking if you want to save the information for this installation.

5. Click **Yes** to accept the license file and activate your installation.

The Wavelink licensing process ties the Communicator licenses to a specific computer on your network. If a situation requires you to re-install Avalanche on a different system, please contact Wavelink Customer Service to unlock the Communicator licenses from that system. Once the license is unlocked, you can re-install Avalanche on a new system, re-install the Communicator package and renew the licenses.

## ASSIGNING THE LICENSE SERVER

Assigning the License Server IP address and Port are the only required settings you must configure before you begin using the Communicator. Once these settings are assigned, you can deploy the Communicator to your mobile devices. Other configurations allow you to customize your Communicator experience, but are not required.

### To assign the license server:

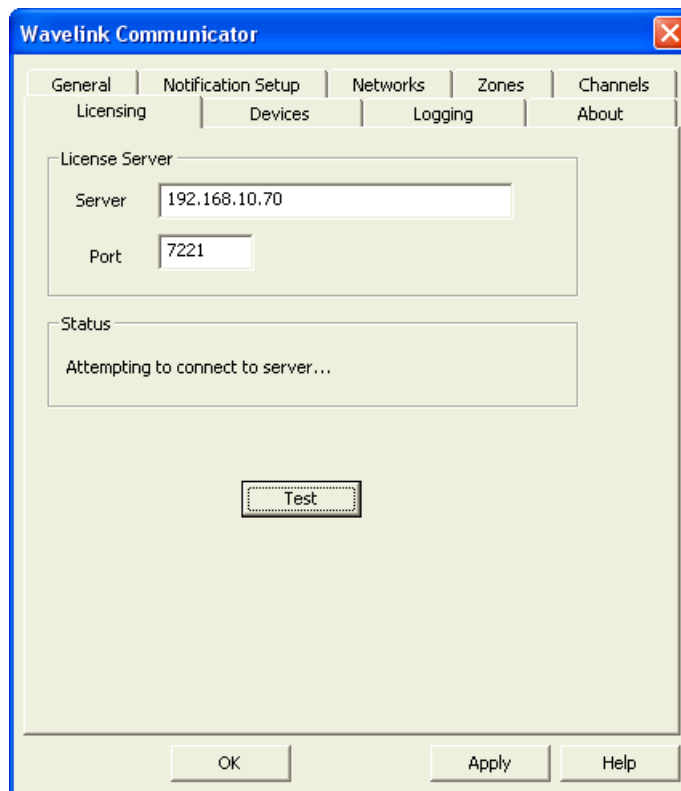
1. Launch the Avalanche Console.
2. Select **Software Profiles**.
3. From the **Software Profile List**, select the profile where the Communicator package is installed.
4. Select the Communicator package and click **Configure**.

The *Configure Software Package* dialog box appears.

5. Double-click **Communicator Configuration**.

The Configuration Console appears.

6. Click the **Licensing** tab.

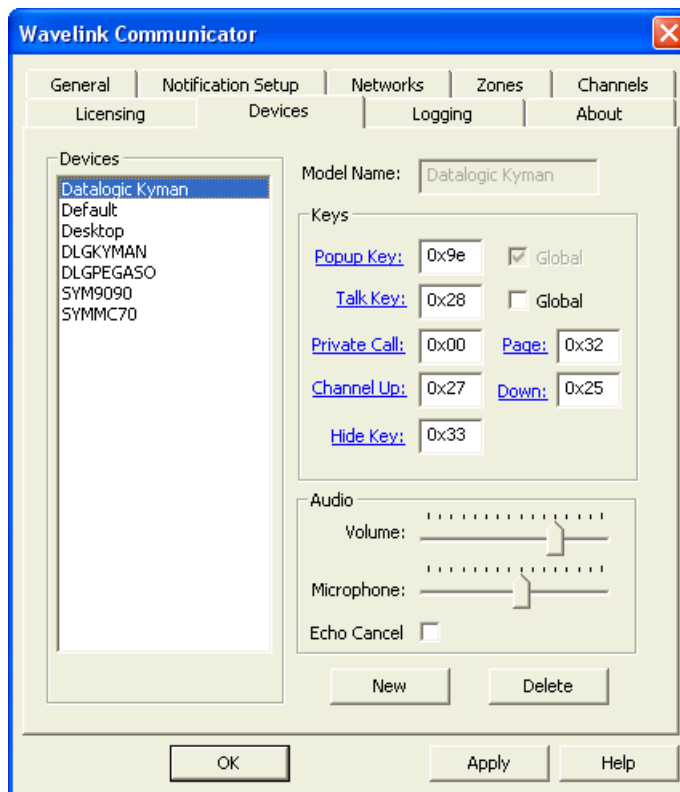


*Licensing Tab*

7. In the **Server** text box, enter the name of the License Server.
8. In the **Port** text box, enter the port number you want the License Server to run on.
9. To check the status of your License Server, click **Test**.

The **Status** region will display the total number of licenses available and the total number of licenses in use.

10. Click the **Devices** tab.



11. Review the default settings of the Popup hot key. This is a key that, when pressed on the mobile device, will bring the Communicator to the foreground. It provides access to the Menu screen of the Communicator. If this key is configured to perform other functions in another program, you should change these settings. If you do not change the settings, the Communicator will override the original use of the key and work as the global Communicator Popup key. This may change the way your applications behave.
12. When you are finished, click **OK** to close the configuration console.

## DEPLOY THE PACKAGE TO MOBILE DEVICES

Once you have configured the License Server, deploy the Communicator package to your mobile devices. If you are running Avalanche SE, the software package will be deployed to the Mobile Device Server the next time it contacts the Enterprise Server. The Mobile Device Server will then distribute the package to the mobile devices the next time the devices check in.

If you are running Avalanche MC, you will need to perform a Universal Deployment to send the Communicator package to the Mobile Device Server. The next time the mobile devices contact the Mobile Device Server, the package will be downloaded to the devices.

To perform a Universal Deployment, use the Task Scheduler and follow the wizard prompts. For details about the Task Scheduler, refer to your *Avalanche User Guide*.

## USE COMMUNICATOR

Once your mobile devices receive the Communicator package and configuration you can begin communicating with those devices.

### To begin communication:

1. Launch the Wavelink Communicator from the Enabler or by clicking **Start** menu.

The Communicator Talk screen appears.



*Wavelink Communicator*

2. Using the arrow buttons in the **Main** tab, select the channel you want to communicate over.
3. To begin communicating you can either click the **Hands Free** button or press and hold the red transmit button located in the upper-left.

When using the red transmit button, you must keep the button pressed while speaking. The transmit button will change to green and indicate you can speak. If you click **Hands Free**, you will lock into talk mode and the button switches to **Stop**.

4. Begin speaking into the device or headset.

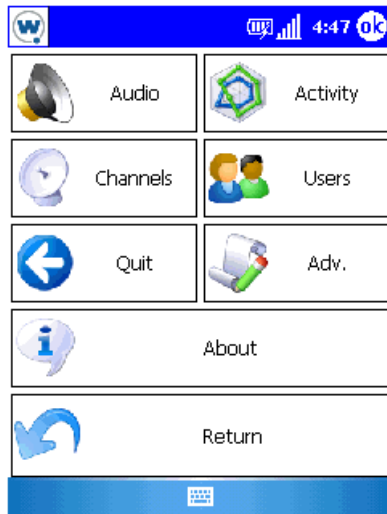
During your transmit, mobile device users on the same channel and in the correct network zone will be able to receive the communication and converse back, similar to a telephone.

5. If the volume and microphone audio are not acceptable, use the sliders to adjust the audio to your preference.
6. Press the configured device Pop-key to launch the **Menu** screen.

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**NOTE:** Remember that the Popup key is a key that will bring the Communicator to the foreground when pressed. If this key is configured to do anything else in your environment, you should change return to the Configuration Console and change the settings. If you do not change the settings, the Communicator will override the original use of the key.

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Main Menu

For information about each of the options, refer to the *Wavelink Communicator User Guide*.

7. Press the **Return** button to go back to the Talk screen.

When you are finished communicating either stop holding down the red transmit button or click **Stop**.

## ADDITIONAL RESOURCES

For more information refer to the following related documents located on the Wavelink web site:

- *Wavelink Communicator User Guide*
- *Wavelink Avalanche MC User Guide*
- *Wavelink Avalanche SE User Guide*

You can also contact Customer Server at 888.699.WAVE (9283) ext.2.

## REVISION HISTORY

- 03/30/2009. Document created.