





K.2 Series Active Loudspeakers **Technical Notes** K.2 Firmware Updater—Mac OS Installation

## **Purpose:**

This Technical Note is for users who get an error message from the Mac Operating System (Mac OS) when attempting to install the **K2Updater-2.0.1-osx-installer** app. The error message recommends deletion of the app.

If the **K2Updater-2.0.1-osx-installer** app was successfully downloaded, extracted, and installed, this document is unnecessary.

If the error message appears when you double-click on the **K2Updater-2.0.1-osx-installer** app, use the following procedure to work around it and successfully install the K.2 Firmware updater.

## Software required:

- Internet browser (Safari, Firefox, Chrome, etc.)
- K2Updater-2.0.1-osx-installer.tar.gz

#### MacOS utilities required:

- Archive Utility
- Terminal Utility



# Using Terminal to enable the K.2 Update Installer

**NOTE:** If you have not done so already, download and extract the file **K2Updater-2.0.1-osx-installer.tar.gz** from the K.2 firmware update page at www.qsc.com.

The Terminal app in the Mac OS is similar to the Command Prompt (CMD) app in Windows. By accessing the OS shell, it allows changes at the root level that allow the K2Updater-2.0.1-osx-installer.app to run.

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 Open the folder Applcations/Go/Utilities/Terminal. Double-click Terminal to launch.

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- 2. In the Terminal window at the prompt, type

xattr<space>-cr<space>

but do not press **Return** yet. The space at the end of the command is critical, so do not omit it.



 Drag the K2Updater-2.0.1-osx-installer icon into the Terminal window. Terminal will automatically append the filename K2Updater-2.0.1-osx-installer.app onto the command. Press Return.

**NOTE:** If you make an error, double-check the command, especially the spaces.

4. The attributes of the K.2 Update Installer app are now updated so it can be run normally. Close Terminal.



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# Installing the Updater



1. Open the K2Updater-2.0.1-osx-installer app.

**NOTE:** The computer may ask for an Administrator Password before allowing the installation. Enter the password and click **OK**.

	Setup
	Setup - K2 Updater Welcome to the K2 Updater Setup Wizard.
	Cancel < Back Next >
	Setup
License Agreement	K.2
Please read the following this agreement before cor	License Agreement. You must accept the terms of ntinuing with the installation.
QSC END USER SOFTWARE UCEN MPORTANT: Please Read This QSC END USER SOFTWARE UCEN READ THE TERMS AND CONDITION INSTALL AND USE THIS COMPUT THIS SPRODUCT CONTAINS SOFT TIS CUSTOMERS FOR THEIR USE ( TERMS AND CONDITIONS OF THIS THE SOFTWARE INDICATES THAT This QSC License Agreement acc Do you accept this license	ISE AGREEMENT 5 License Agreement Before Using This Product ISE AGREEMENT INS OF THIS AGREEMENT CAREFULLY BEFORE PROCEEDING TO ER PROGRAM AND ANY ACCOMPANYING USER DOCUMENTATION. VARE, THE USE OF WHICH IS LICENSED BY QSC, LLC (*QSC*) TO ONLY AS SET FORTH BELOW, IF YOU DO NOT AGREE TO THE S AGREEMENT, DO NOT USE THE SOFTWARE, USING ANY PART OF T VOL ACCEPT THESE TRENS. companies a software product and related documentation P Laccept the agreement
InstallBuilder	I do not accept the agreement
	Cancel < Back Next >
Installation Directory	Setup
	Updater
Please specify the directo	ory where K2 Updater will be installed.
Installation Directory /Ap	plications/QSC/K2Updater
InstallBuilder	
	Cancel < Back Next >

2. Click **Next** to proceed with the setup.

3. Accept the License Agreement and click Next.

4. The K.2 Updater will be installed into the default directory shown. You may designate a different one instead. Click **Next**.



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	Setup		5.	(
Ready to Install	K.2 Updater			
Setup is now ready to b	pegin installing K2 Updater on your computer.			
	Cancel < Back Next >			
	Setup Completing the K2 Updater Setup Wizard Setup has finished installing K2 Updater on your computer.	6.	CI Tr th lot	ic ni: e
	Cancel < Back Finish			

5. Click Next.

#### 6. Click **Finish**.

This completes installation of the K.2 Updater app. Open the app to update the firmware in the K.2 Series active loudspeaker.

# Preventing archive and download/extraction issues

### Setting up Archive Utility to avoid file corruption

Archive Utility is a Mac OS application used to extract files from a compressed format. The default settings for Archive Utility will extract all the way down to a root file but may cause corruption of the K.2 Updater Installer. Use this procedure to configure the utility to prevent this happening.

1. Open Archive Utility.

NOTE: Archive Utility does not open as a window but it will show as an open app.

2. Select Archive Utility in the menu bar and then select Preferences.

	Archive Utility Preferences	
Save expanded files:	into same directory as archive	0
After expanding:	leave archive alone	
	<ul> <li>Reveal expanded item(s) in Finder</li> <li>Keep expanding if possible</li> </ul>	
Save archive:	into same directory as files being archived	٥
Use archive format:	compressed archive	0
After archiving:	leave files alone	
	Reveal archive in Finder	

3. In Archive Utility Preferences, clear **Keep expanding if possible**.

Close Archive Utility and proceed with expanding the downloaded file **K2Updater-2.0.1-osx-installer.tar.gz**.

### Downloading and extracting the K2Updater-2.0.1-osx-installer.tar.gz file

- 1. Delete all previously downloaded versions of the K.2 updater.
- Download the current K.2 Updater from the K.2 firmware page on the QSC web site https://www.qsc.com/live-sound/products/loudspeakers/powered-loudspeakers/k2-series/k2-firmware/
- 3. Click Mac Firmware Update to start the download.
- 4. Select Save File and click OK. The file K2Updater-2.0.1-osx-installer.tar.gz will be saved in the default download location.
- 5. When the download is finished, move the file to the desktop.
- 6. Right-click on the file to open the file's right-click menu.

**NOTE:** Alternatives to right-clicking: Press Ctrl or Control while you click the mouse or tap the trackpad; or tap on the trackpad with two fingers.

7. Select Open With > Archive Utility.

A new file, K2Updater-2.0.1-osx-installer.tar.zip, will appear on the desktop.

8. Right-click on K2Updater-2.0.1-osx-installer.tar.zip.





#### 9. Select **Open With > Archive Utility**.

Another new file, K2Updater-2.0.1-osx-installer, will appear on the desktop.

This is the file you will run to update the K.2 Series active loudspeaker's firmware. The same file works with all K.2 Series models.



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