



Setup Guide

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Revision history

Revision number	Date	Document maturity	Description
1	June 2015	Complete	For use with IR 2.9 devices

Document maturity key

Initial	Initial data, all subject to change.
Preliminary	Preliminary data; minor details may be missing or subject to change.
Complete	All sections complete.
Revised	Additions/corrections incorporated.
Obsolete	Document refers to a discontinued or soon-to-be-discontinued product. Withdrawn from external distribution.

Feedback

To contribute feedback on this document, please e-mail
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Include the following information:

document title, number and date:

- UNDOK Setup Guide, FSM-0018-6015 Rev 1, June 2015
- Section number and heading if referring to a specific part of the document.

1 Introduction

Frontier Silicon's UNDOK App is an application, for Android Smart Devices, that allows users to control Venice 6.5 - based audio devices running, IR2.6 or later, software. Using UNDOK you can navigate between the speaker's listening modes, browse and play content remotely as well as manage Wi-Fi Multi-room groups of speakers.

The App also provides a convenient way to display RadioVIS content, on your connected Smart Device, for DAB/DAB+/FM digital radio devices without a suitable display.

Connection is via a network (Ethernet and Wi-Fi) to the audio device being controlled.

Note: Control of Multi-room groups is not available via Ethernet with IR2.8 or earlier

The UNDOK App runs on any Android Smartphone or tablet running Android 2.2 or later. An Apple iOS version is also available.

Note: For brevity, "Smart Device" is used in this guide to mean any Smartphone or tablet running a suitable version of the Android operating system.

2 Getting Started

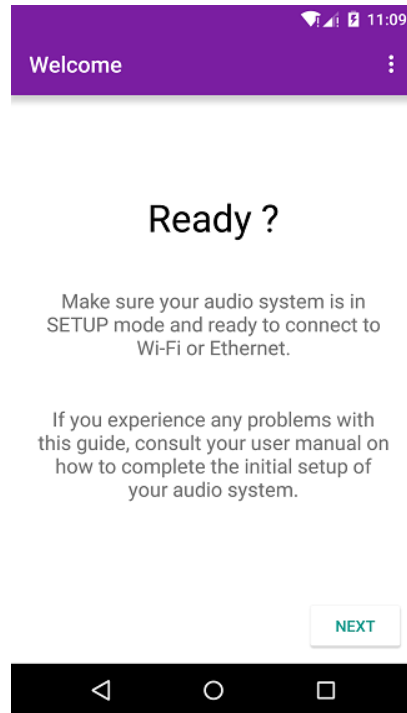
UNDOK can control an audio device via a Wi-Fi Network connection. Before UNDOK can be used to control an audio device you must first establish a connection between the Smart Device running UNDOK and the audio device(s) you wish to control by ensuring they are both connected to the same Wi-Fi network.

3 Setup new speaker

The UNDOK speaker setup wizard helps configure a suitable audio device (headless speaker, EUI devices or a Spotify adapter) to connect to the user’s Wi-Fi network. The wizard is accessible from the ‘My Home’ screen and Settings screen.

A series of screens walks you through the various stages. To proceed to the next screen tap on “Next” button, alternatively to go back a stage, tap “Previous”. You can abort the wizard at any stage by selecting “Exit” from menu.

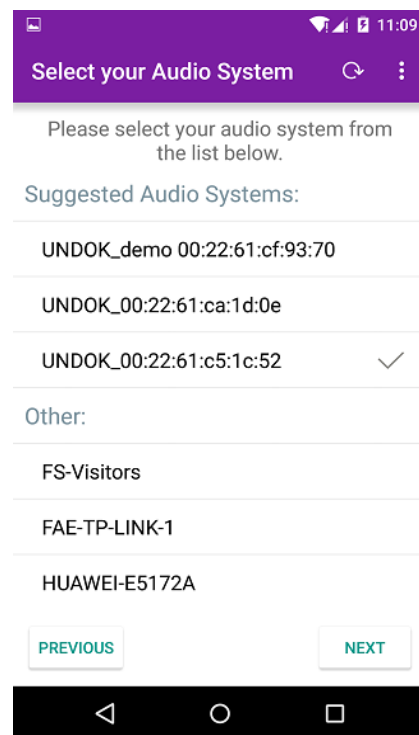
The slow blinking LED on your audio device should indicate that the device is in WPS or Connect mode. See the User Guide for your device for details.



Your audio device (in WPS or Connect mode) should appear under “Suggested Audio Systems”. Listed under “Other” will be the available Wi-Fi networks as well as potential audio devices.

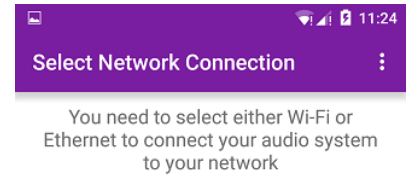
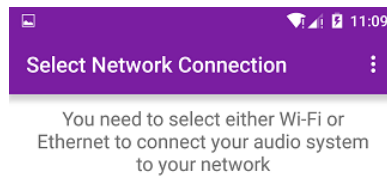
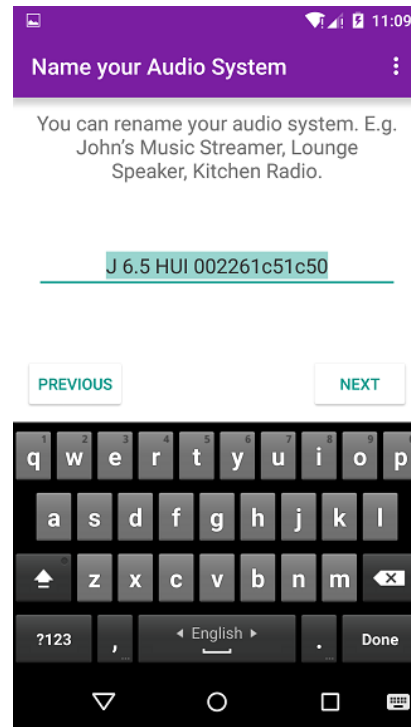
If your device does not appear in either list, check it is switched on and in the correct connection mode.

To rescan for potential devices/networks the “Rescan” option is available at the bottom of the “Other” list.



Once you have selected the desired audio device, you are presented with the opportunity to rename the device. When you are happy with the new name tap the Done option.

Note: the user name can be up to 32 characters and contain letters, numbers, spaces and most characters available on a standard qwerty keyboard.



The next stage enables you to select the connection type.



Wi-Fi



Ethernet



Wi-Fi



Ethernet

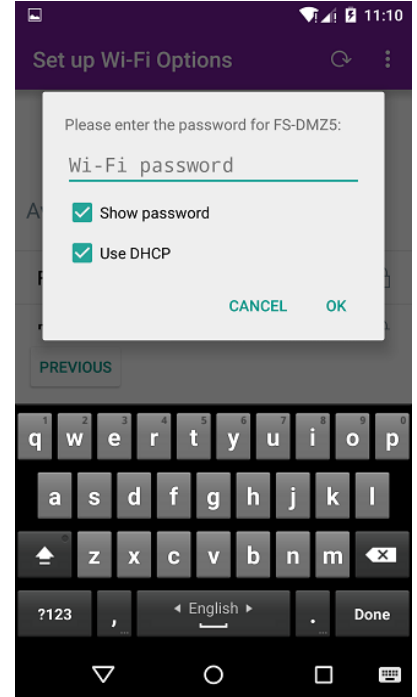
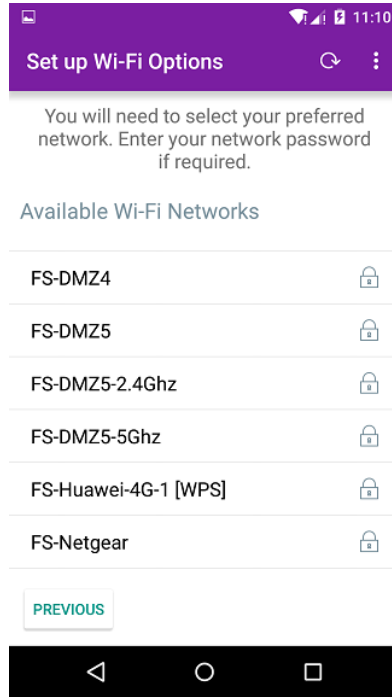
PREVIOUS



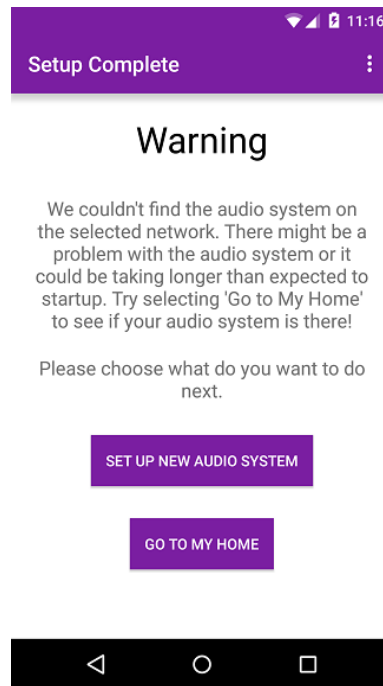
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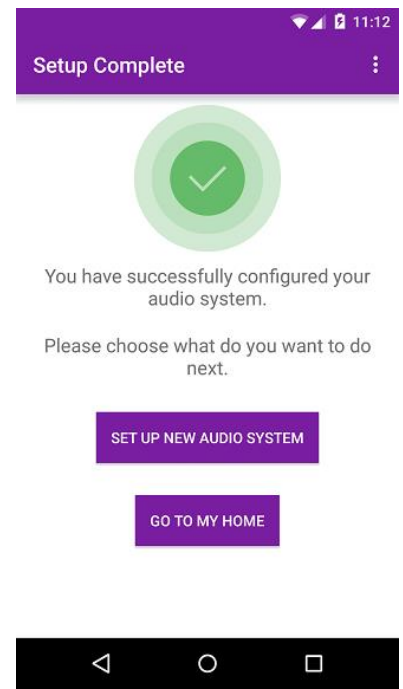
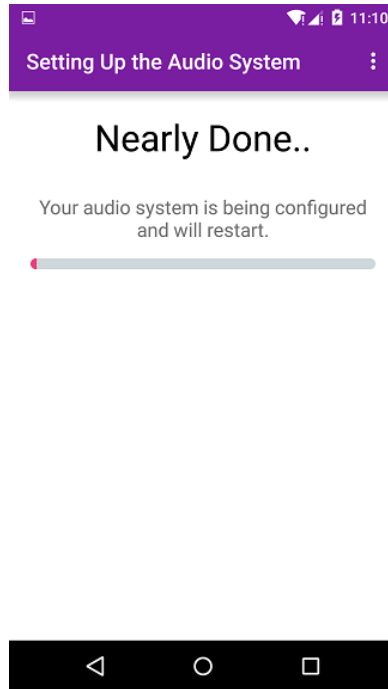
After you select Wi-Fi connection type, the next stage is to select the Wi-Fi network to which you wish to add the audio device. You will need to enter the network password if required.



Note: If the password is incorrect or mistyped the connection will fail and you will need to start again by selecting "Set up new audio system".



Once the network is selected and correct password entered, the App configures the audio device, switches the audio device and the smart device to the selected network and checks to ensure that the setup has been successful. Once completed you can either exit the setup wizard (go to My Home screen) or set up another suitable speaker device.




4 My Home

This is where you manage the speaker devices used to output the audio. Speaker devices can be treated as independent speakers or organised into synchronised groups allowing multiple speaker groups and multiple individual speakers to coexist. A different audio stream can be directed to each independent speaker or speaker group. Within each group of speakers one device must be the master and all others in the group are clients.

4.1 Groups My Home

The App presents the current groups and audio devices available on the current network.

Screen layout and status icons

Speakers are capable of multi-room grouping but currently not in a group or a multi-room group which already formed are indicated by a  icon

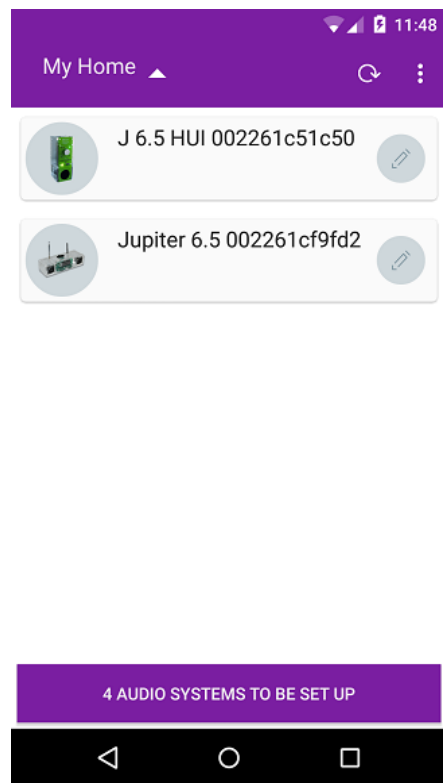
To create a group

Create a group by tapping on the

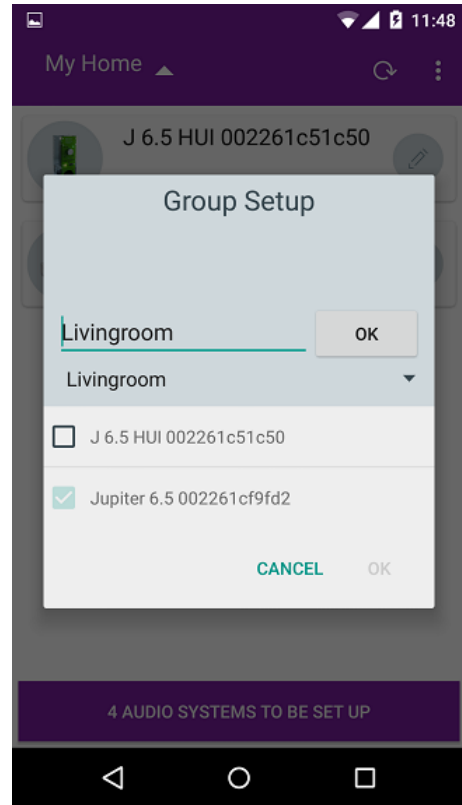


next to a speaker; the app will suggest a default name for the group which you can overwrite as required.

Note: the group name can be up to 32 characters and contain letters, numbers, spaces and most characters available on a standard qwerty keyboard.

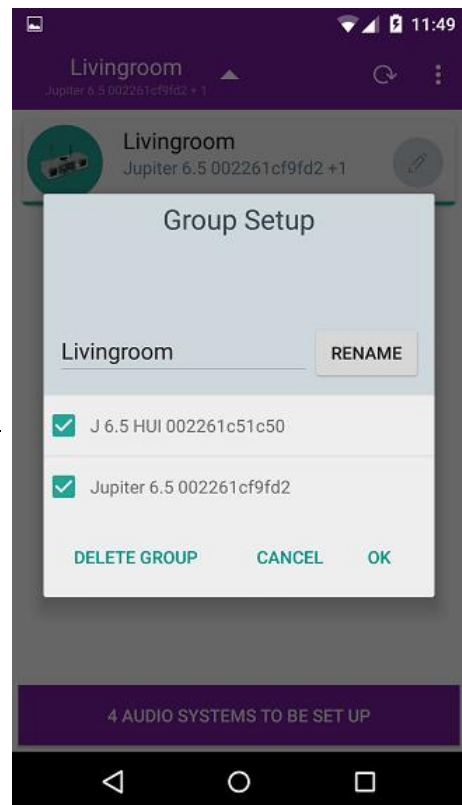


When you are happy with the group name, tap the circle at the left hand side of the speakers which you would like to add into the group. After finish adding the speakers, tap "Done".



To add or remove devices to/from a group

Manage the audio devices by check/uncheck their checkbox and tap "OK". After each change in the group structure, the My Home list info is refreshed.



To ungroup or remove a group

Tap "Delete group", or uncheck all audio devices on the list.



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