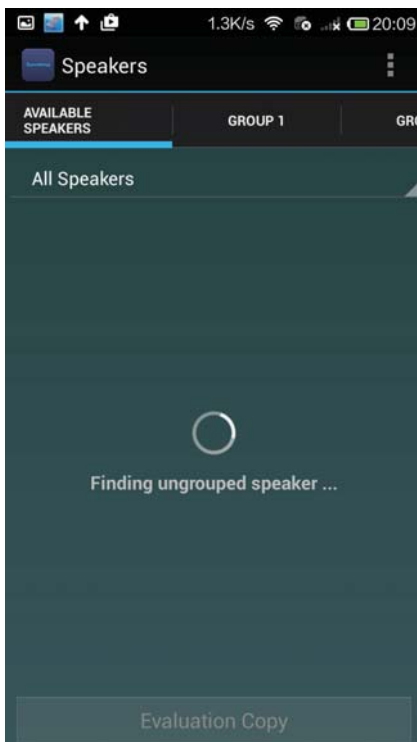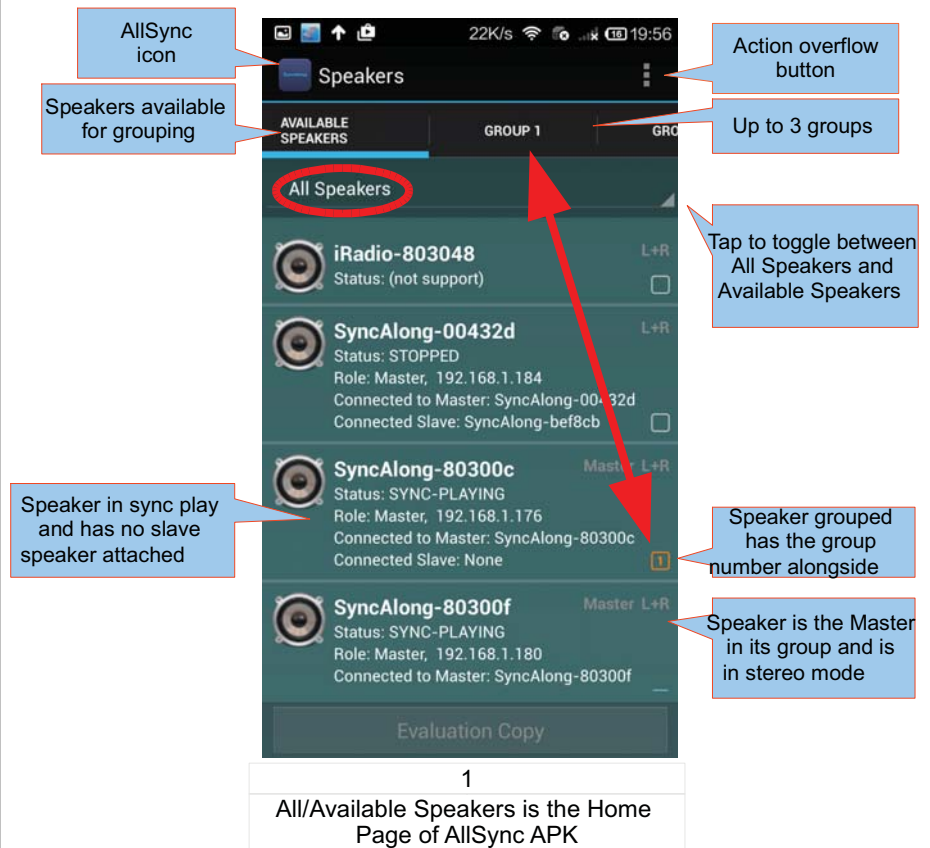## AllSync Multi-room Music System

Key features:
* synchronized stream playback of music from music devices in the local network

* true multi-source and multi-sink system (up to 3 groups of speakers playing different music)

* each source plays to speakers in its own zone

* all speakers in a zone play with tight synchronization

* party mode for all speakers playing the same music

* easy group formation and tear-down

* option to broadcast AUX-in sources to speakers for legacy music devices

* option to broadcast AirPlay (through Master)

* shuttle Setup (one Wi-Fi PW entry for multiple speakers)

* allows zone and speaker naming

* volume and bass/treble control for individual speakers

* supports all UPnP/DLNA compliant music servers

* 12,000 Internet radio stations with Preset support

* wide choice of music formats: MP3, AAC, FLAC, WMA, WAV and OGG

AllSync icon

Speakers available for grouping

Action overflow button

Up to 3 groups

Tap to toggle between All Speakers and Available Speakers

Speaker in sync play and has no slave speaker attached

Speaker grouped has the group number alongside

Speaker is the Master in its group and is in stereo mode

1
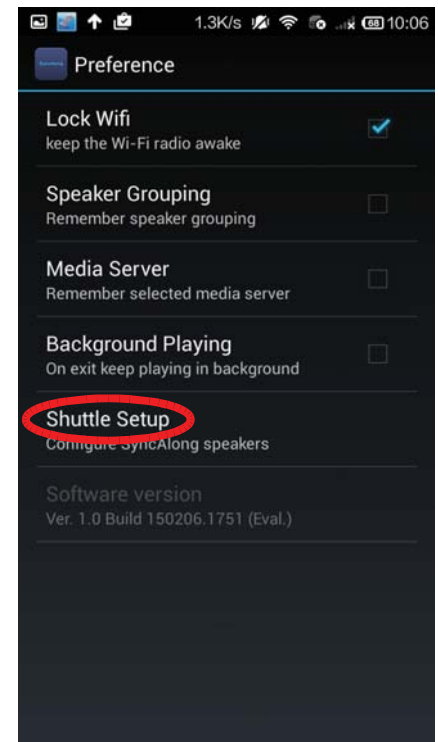All/Available Speakers is the Home Page of AllSync APK

2
Tap the AllSync icon to launch APK. The main screen (Grouping screen will pop up and APK will search for available speakers.
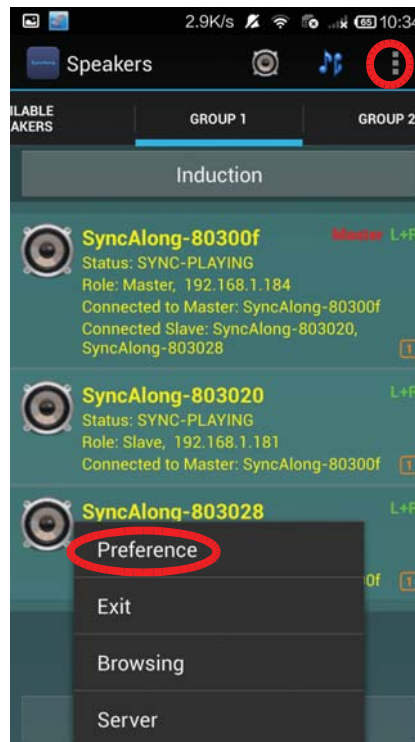
3
Tap the Menu button of the phone or the Action Overflow button of APK to pop up the window and tap Preference.
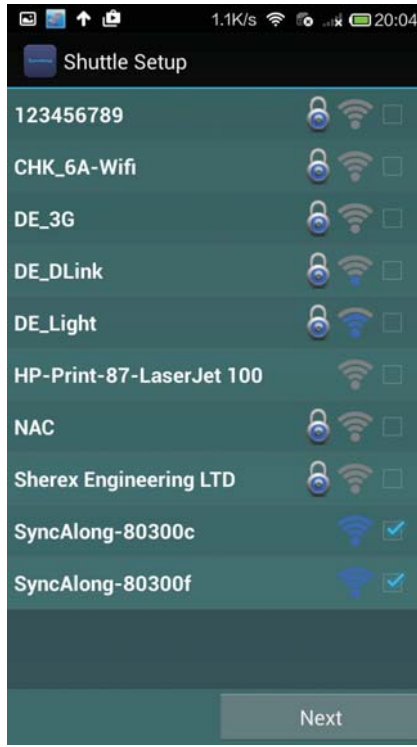

4
Tap Shuttle Setup to configure the speakers to connect to your local network.

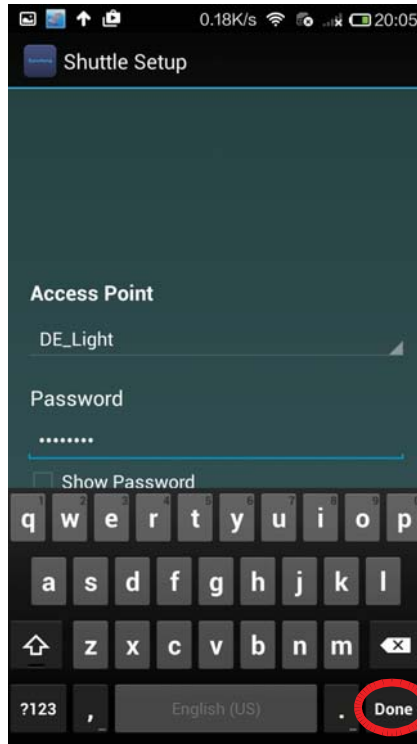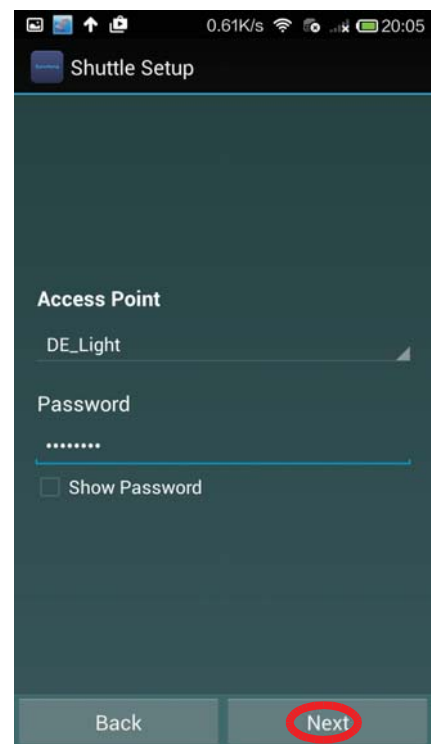| 5	6	7
AllSync speakers will be displayed, together with other Wi-Fi routers around	Check the AllSync speakers for setup and tap Next	Tap Start to continue
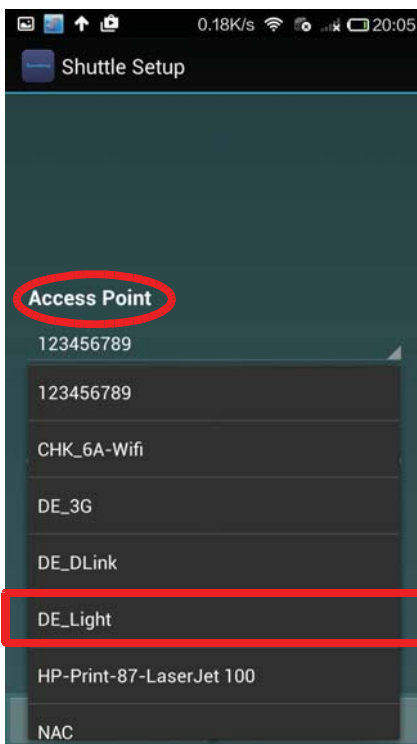
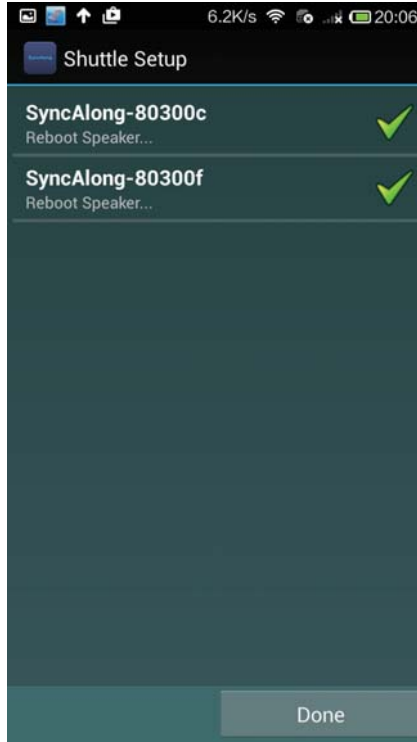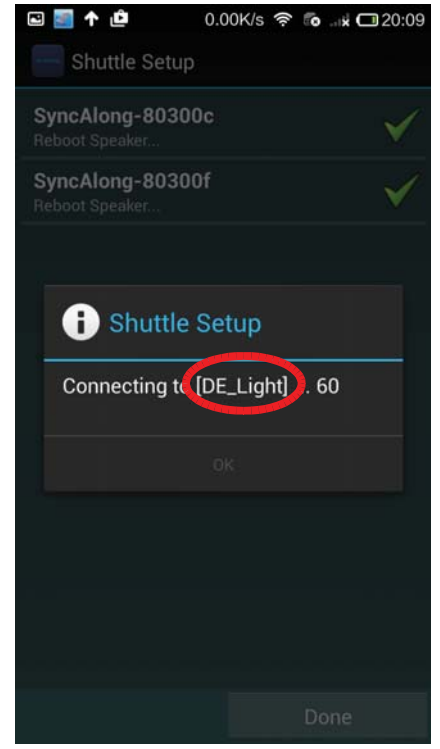| 8	9	10
APK will prompt for the selection of a Wi-Fi Access Point (DE_Light is chosen for illustration)	Enter the Password for the Wi-Fi AP and tap Done when the entry is checked for accuracy	Tap Next when password has been entered

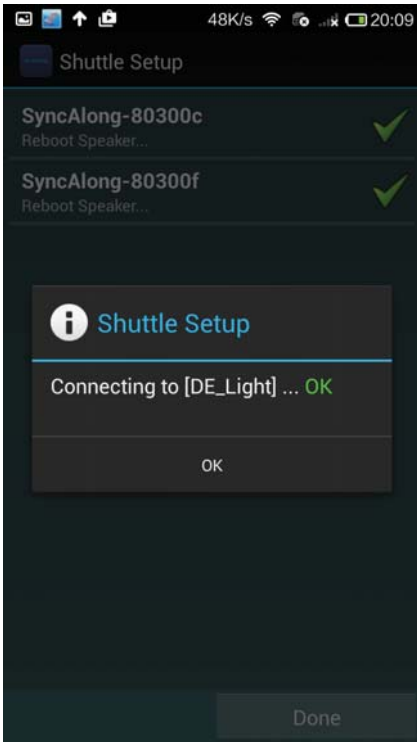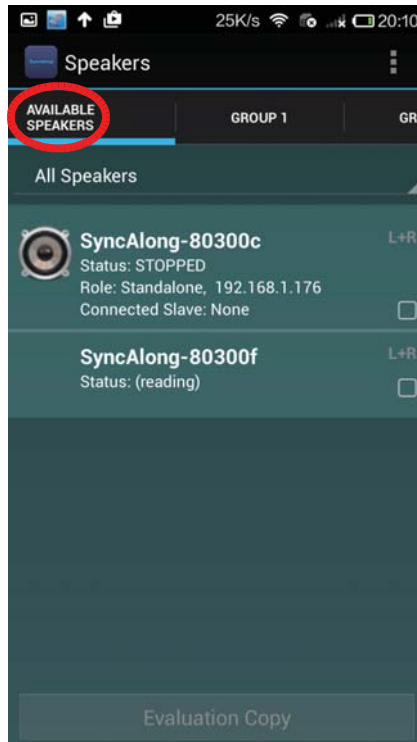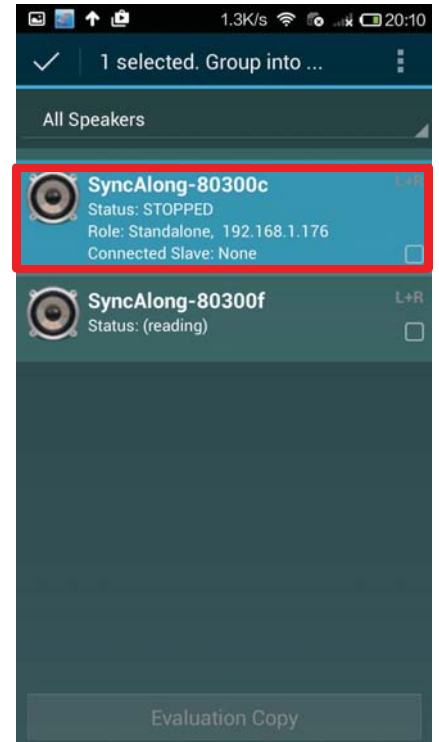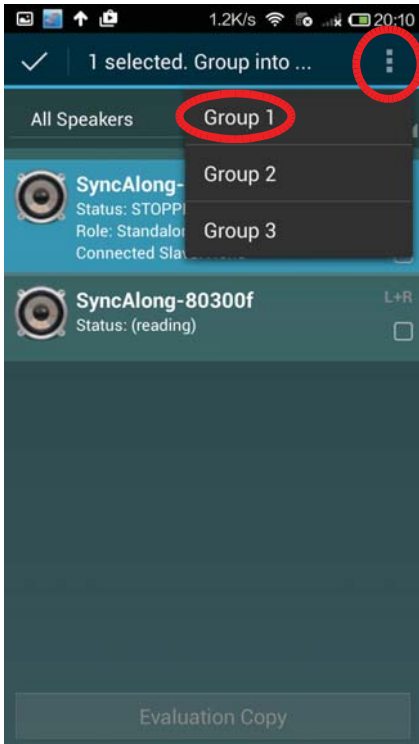| 11	12	13
Speakers prepare for connection to target Wi-Fi AP	Speakers are ready for reboot after Wi-Fi preparation is done	This phone starts to connect to the target Wi-Fi AP (DE_Light)

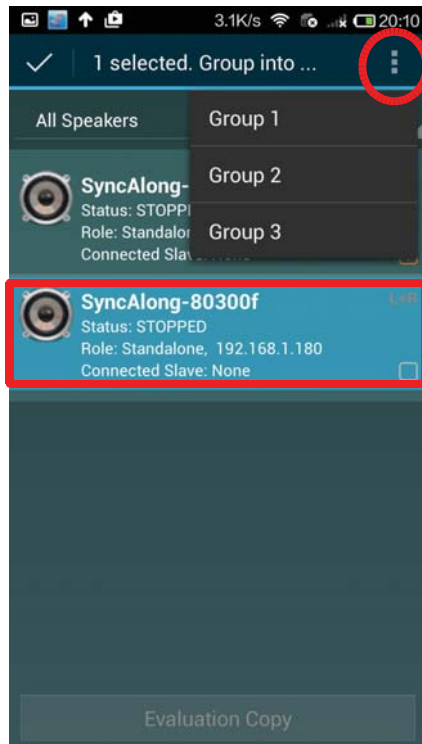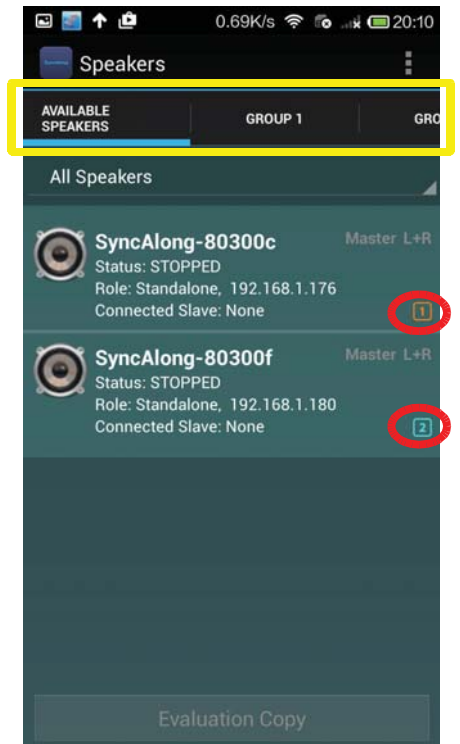| 14	15	16
This phone successfully connects to target Wi-Fi AP	APK returns to its home page to allow for grouping of available speakers	Tap the speaker to act on for grouping

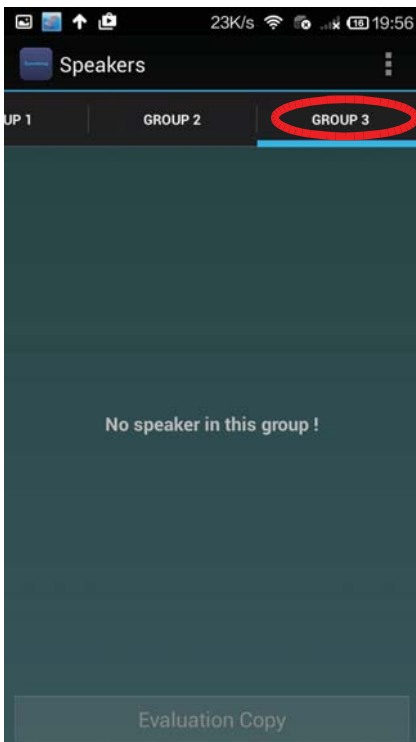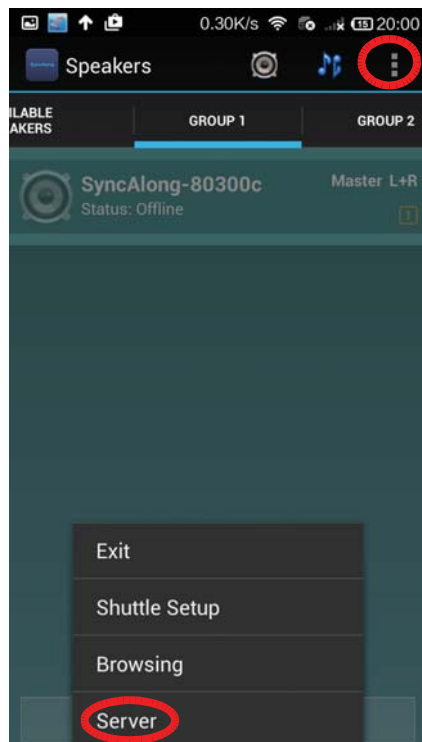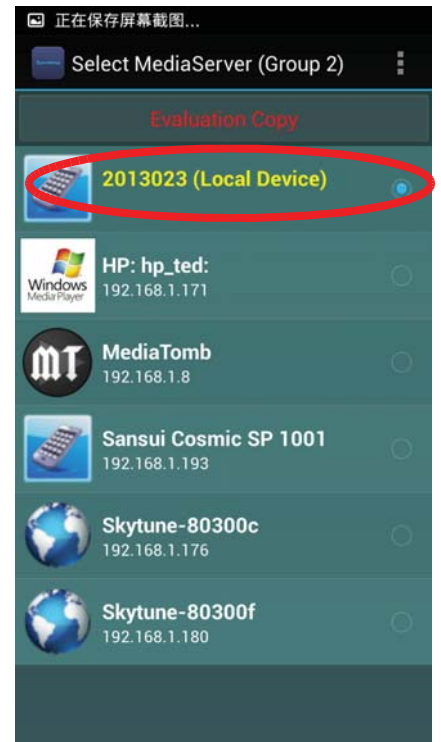| 17	18	19
Tap the Action Overflow button to pop up the Speaker Groups to add the speaker to	Proceed to choose the Group to add the second speaker	Swipe the action bar (yellow) to select the Group information for viewing. Note that the 2 speakers are in 2 different groups now.

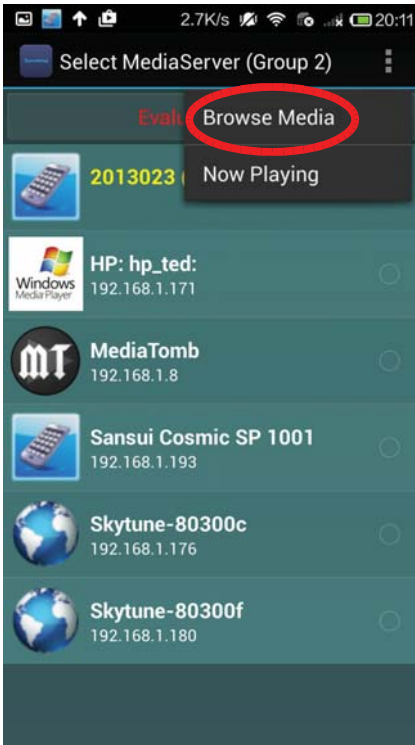| 20	21	22
Group 3 has no speaker assigned to it	Choose the group to play and then tap the Menu button or the Action Overflow button to choose media to play	AllSync APK has a built-in UPnP compliant media server (shown as Local Device. Other media servers supported include MediaTomb, BubbleUPnP, Windows Media Player.

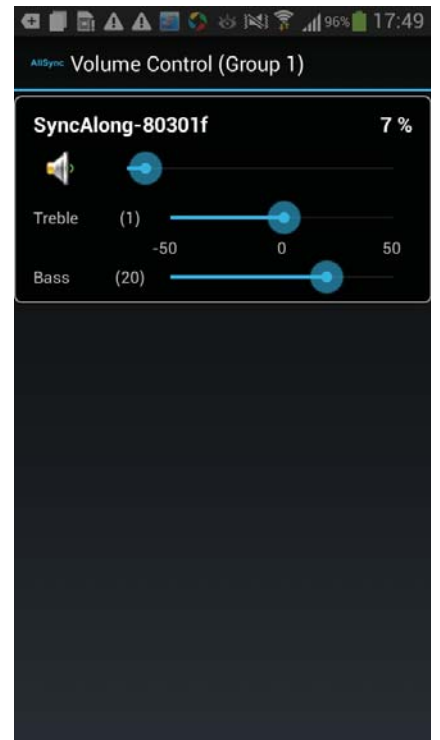| 22	23	24
Tap the Menu button or the Action Overflow button to browse media for playback	Swipe up/down to view the media and tap to select	Now Playing screen of Group 1

Repeat 1 or repeat all

Shuffle or sequential

Library

Speaker icon for audio control (volume, bass & treble)

Artist, album, current song

The next song

Position bar of playing song
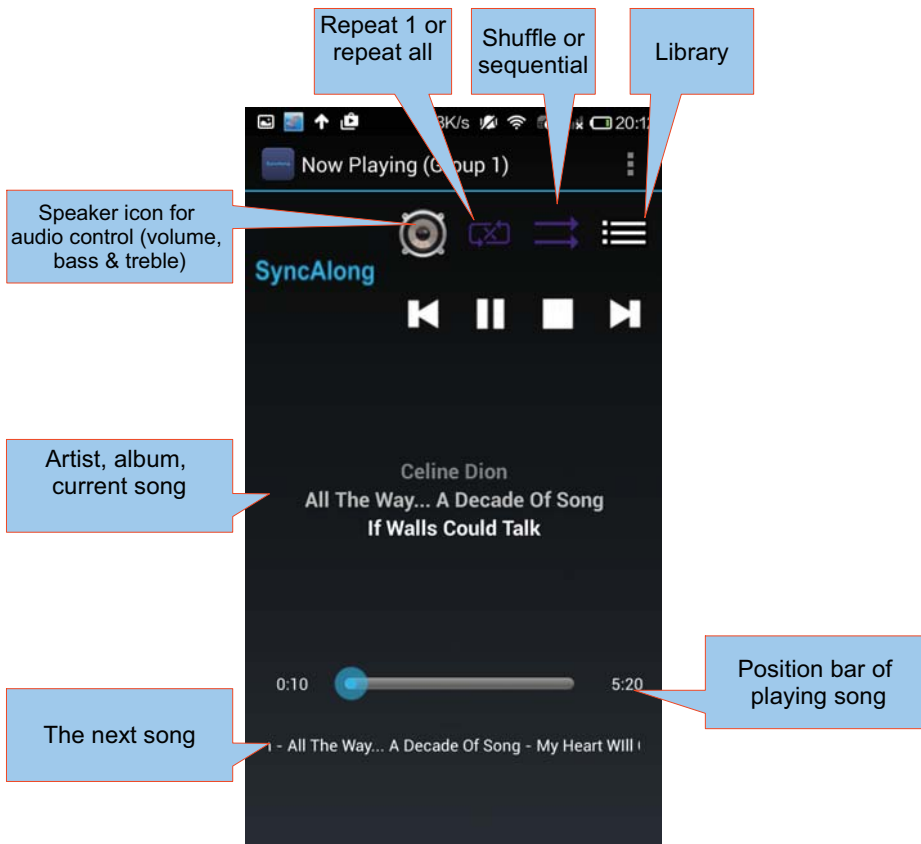
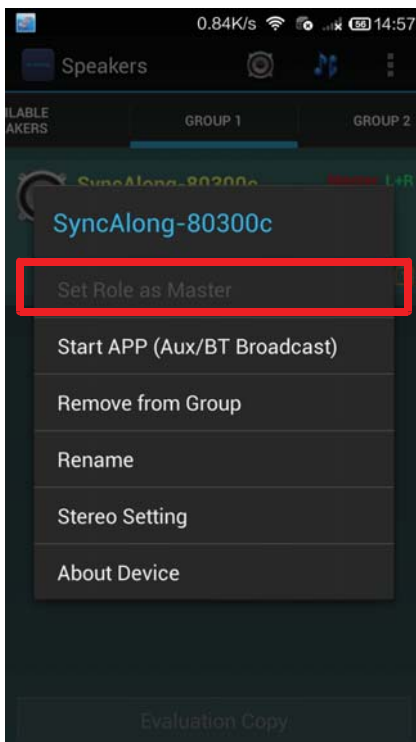| 25	26
Now Playing screen of Group 1 in detail	Tap the speaker icon to pop up the audio control window

26
Browse media for playback in Group 2
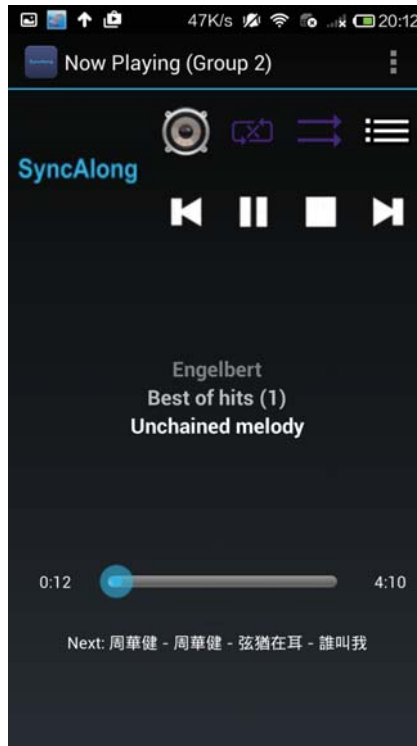
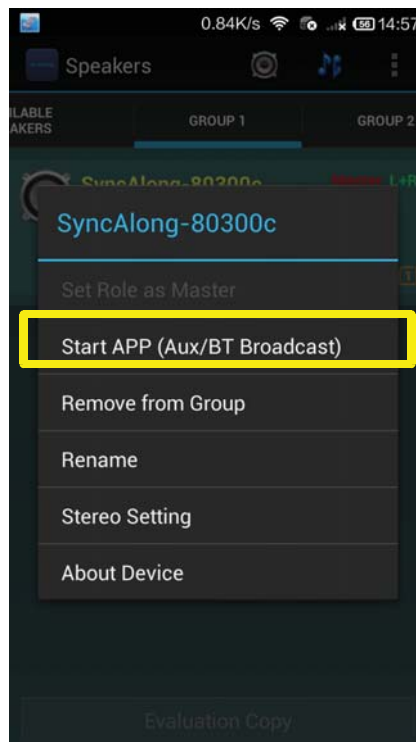| 27 |
|---|
| Now Playing screen of Group 2 |

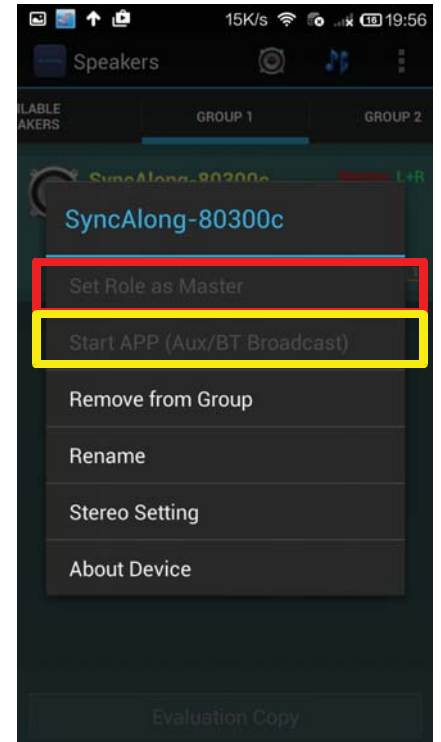| 28 |
|---|
| All Speakers view shows both Group 1 and Group 2 have speakers playing |

| 29 |
|---|
| Touch and hold on a Speaker to pop up a window to edit its properties. Note that each group must have a Master. In case you have assigned speaker groups and a Master speaker is not in, tap Set Role as Master for one of the speakers in the group. |

| 30 |
|---|
| AllSync has a unique feature to enable legacy device to be the broadcast audio source in the multi-room playback system. Select the speaker with the AUX-in source by tapping Start APP (Aux/BT Broadcast in the pop up window. Note that to be able to broadcast its AUX-in audio, the speaker must be the Master in the group. |

| 31 |
|---|
| In the above, 80300c has been selected as AUX-in source and Master of Group 1. To Return to playing other audio sources like UpnP, remove all speakers from the group and choose the grouping and audio source again. |
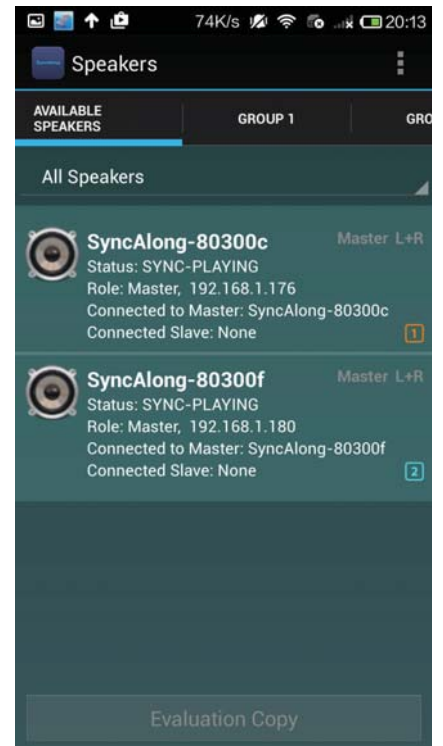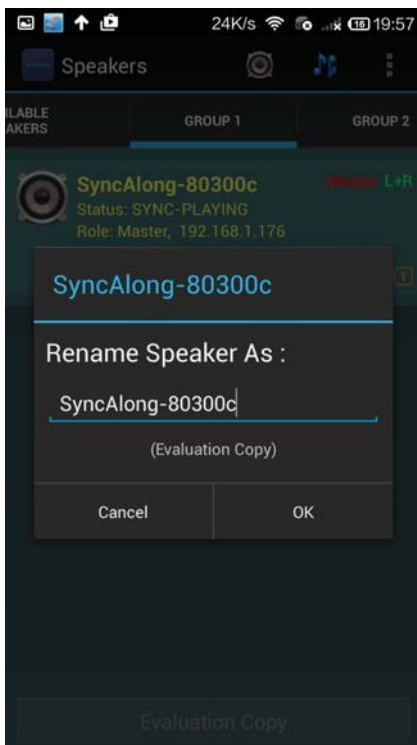
32

Speakers can be renamed for more intuitive control. Tap the cursor to pop up the virtual keyboard for text entry.
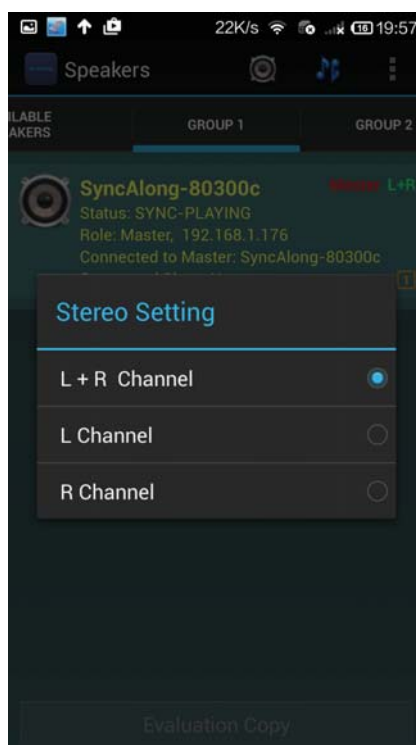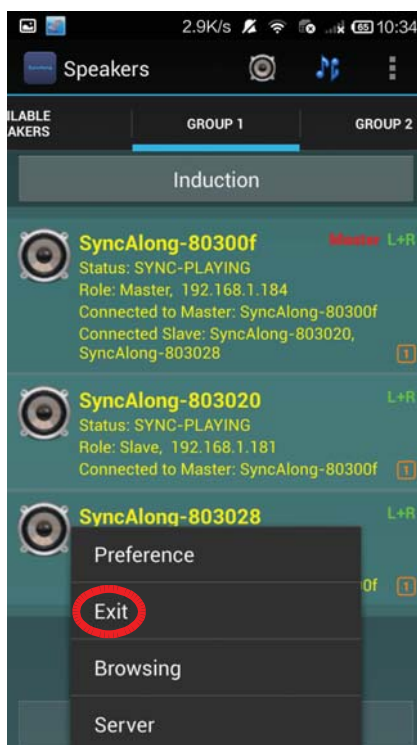

33

Stereo setting can be controlled (L + R Indicates stereo output). Two speakers can be placed to play as Right and Left speaker for stereo effect.
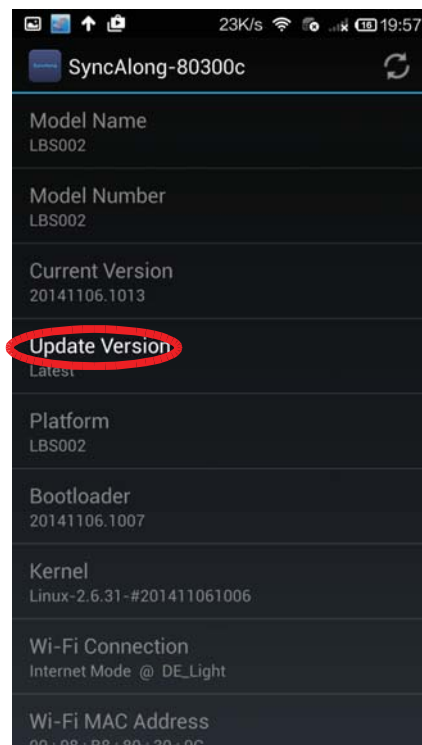
34
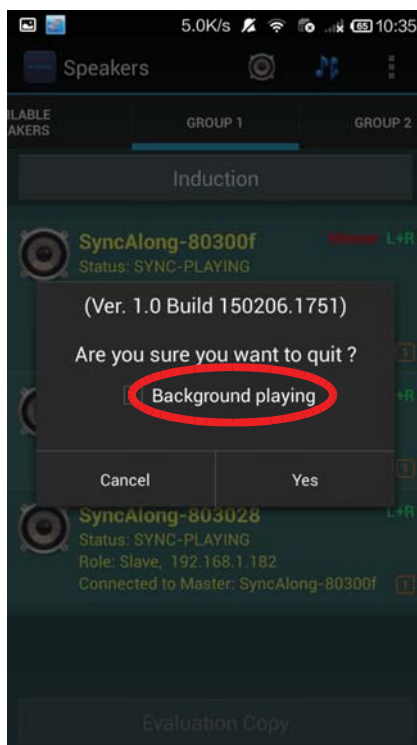
About device contains information about the speaker such as firmware version and firmware update availability. If there is an update available, the Update Version can be tapped for automatic OTA upgrade.
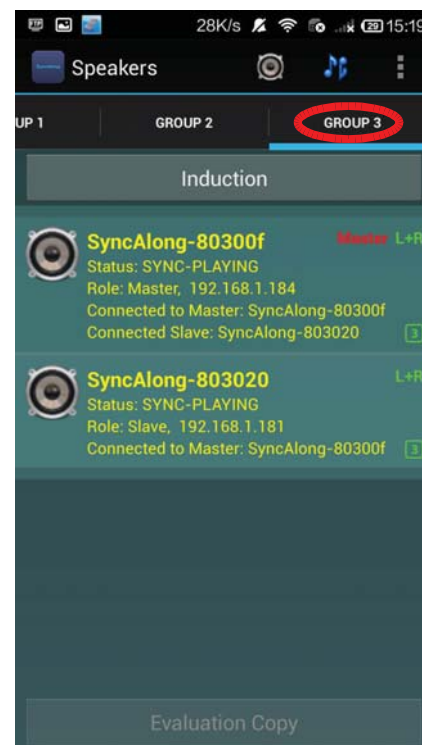

35

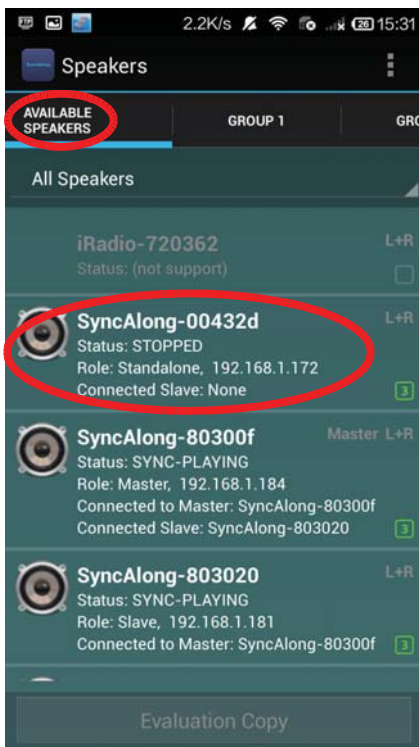To exit the APK or start background playback, tap menu to select Exit.

36

Choose Yes will stop the playback and exit the APK. Checking Background playing and then Yes will continue the playback in the background.
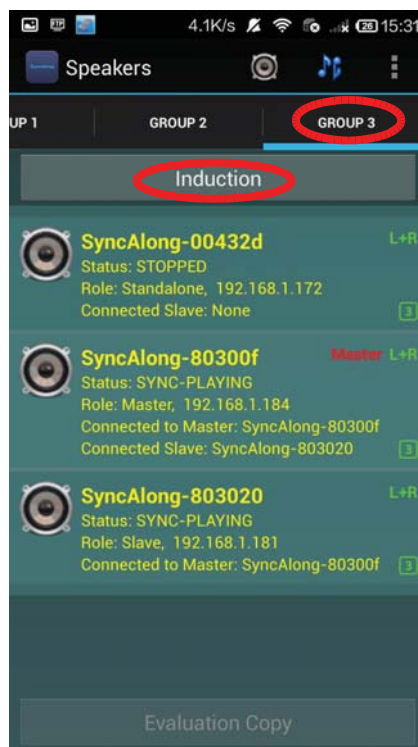

37

Adding new speakers to a currently playing group can be done without interrupting the playback. For illustration, two speakers are playing in Group 3.
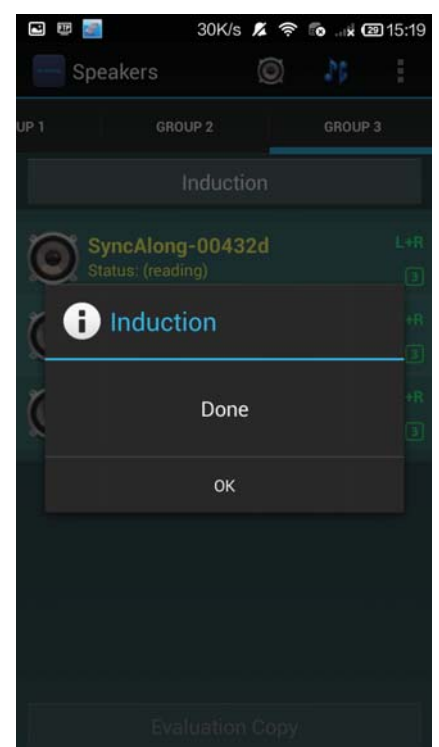
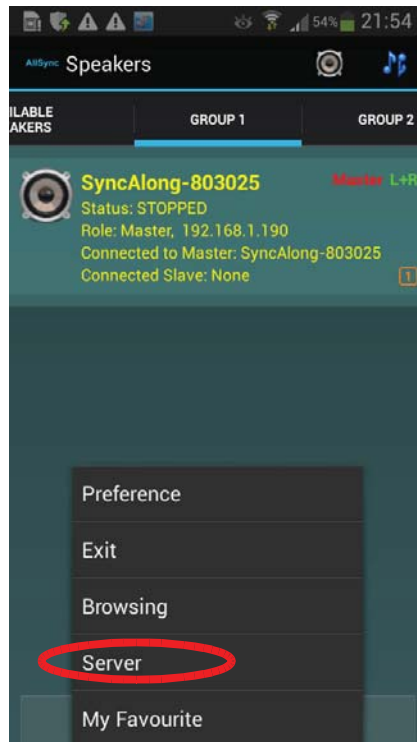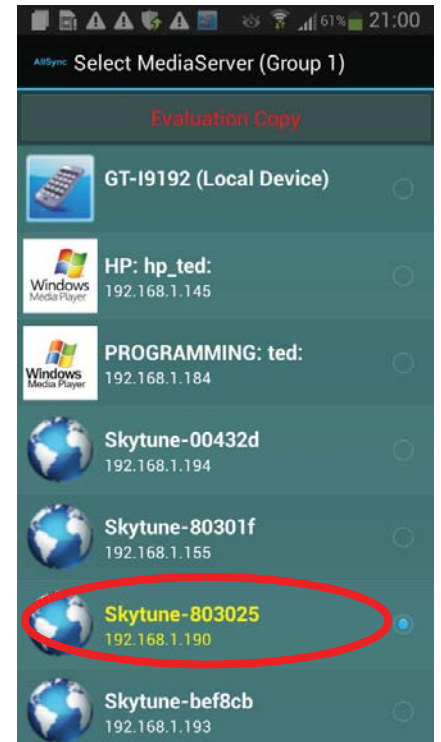|		
38	**39**	**40**
A new speaker has been added to Group 3 by opening Available speakers, tapping the new speaker, tap the Action-overflow button and select Group 3.	Swipe to go to Group 3 control page and tap Induction to allow the new speaker to sync to Group 3 playback.	Induction is successful

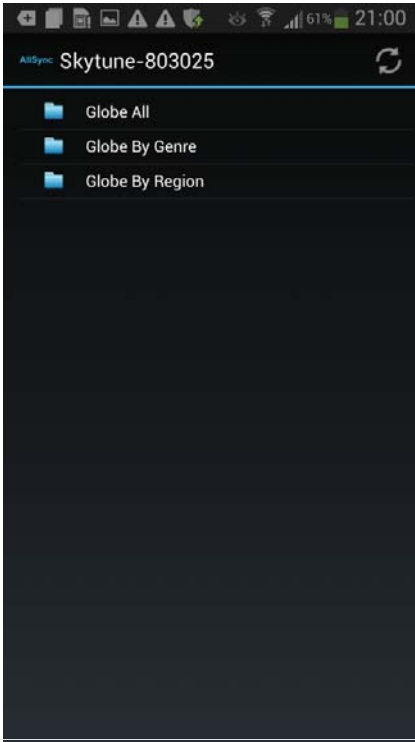|		
41	**42**	**43**
All 3 speakers are playing in sync, with 80300f as the Master in the group (the other 2 speakers are connecting to the Master as Slaves).	In the group to be controlled, tap Menu button to pop up server selection page	Choose a speaker as Internet radio server (choose the Master speaker in a group if you want to broadcast to the group)

44

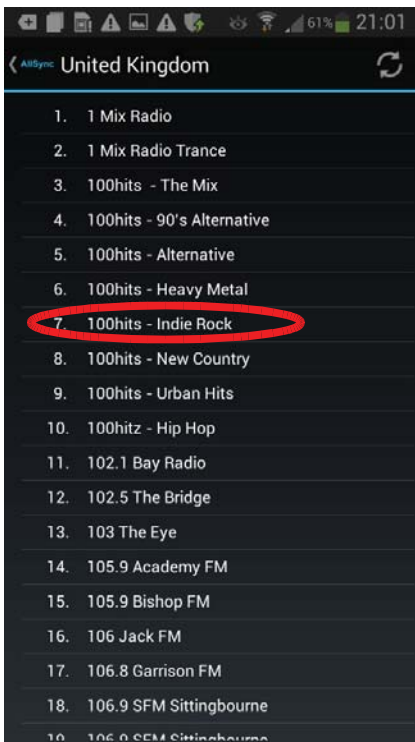Choose to select radio station by All, Genre or Region.
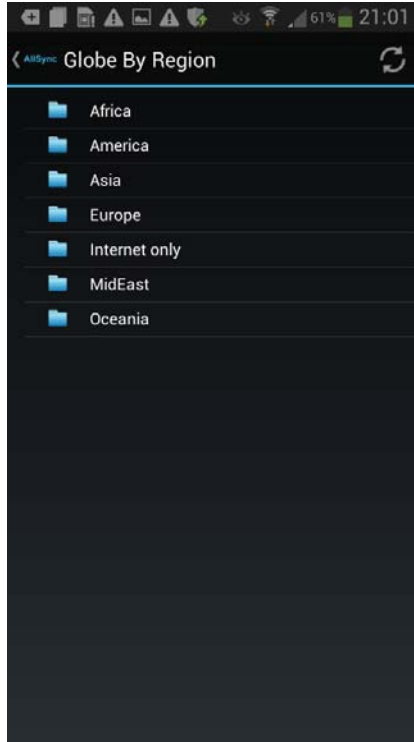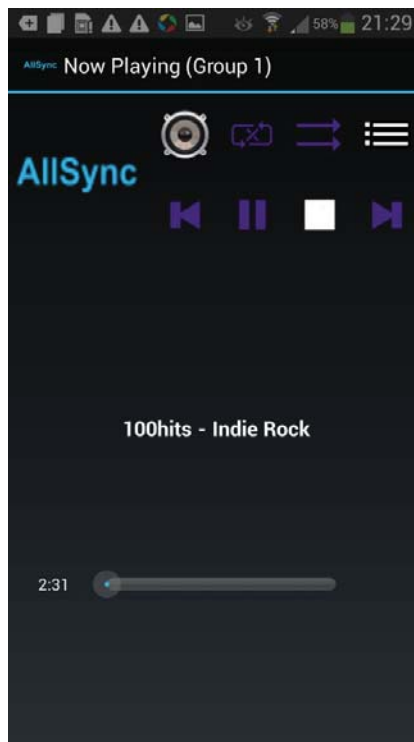

45

Choose by Region.
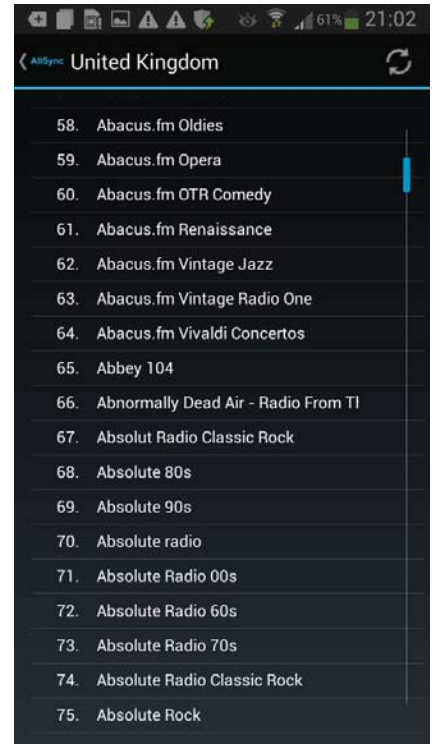
46

Swipe the screen to reach the station you want. Immediately after you swipe the screen, a blue bar appears on the right hand edge. You can swipe the blue bar for faster scrolling.
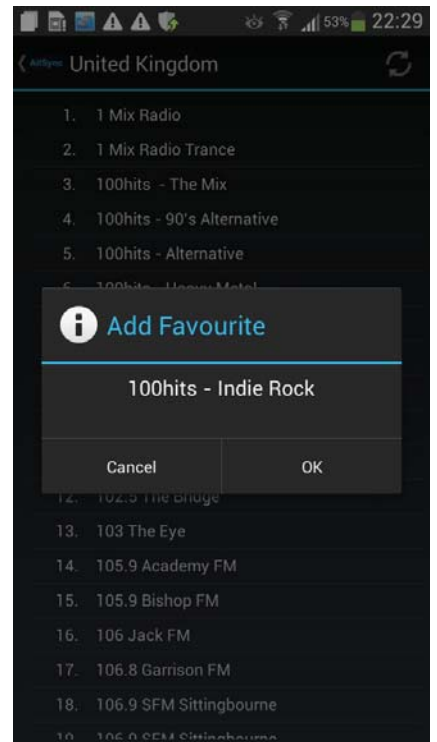

47

Tap to choose the station to play

48

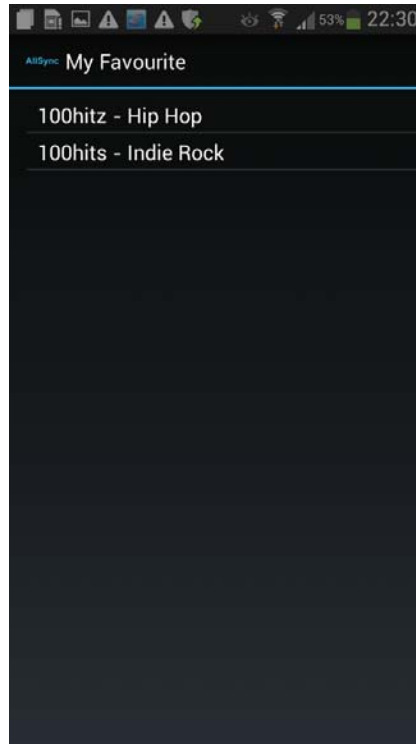For live broadcast, there is the broadcast time but not total length of broadcast.

49

You can save a station into My Favourite for easier access later. Touch down on the station and choose OK when probed.
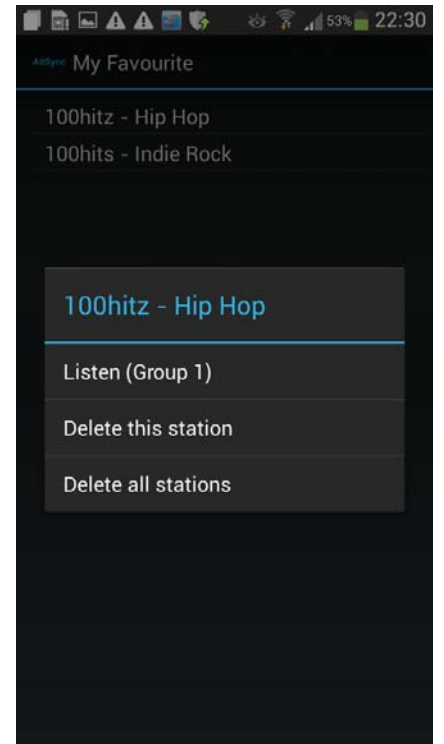
50	51	52
To access the My Favorite list, tap the Menu button to pop up the control window and tap My Favorite	There are 2 stations stored in My Favorite	You can choose to play the radio or manage the list

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

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.

NOTE: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.