



airscreen™
Mobile



Quick Guide

Digital TV receiver dongle

5815 IDLA-DON01-ANDOC-OGW

5816 IDLA-DON01-ANDOU-OGW

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Notices

Copyright

No part of this manual may be copied, reproduced, used or translated in part or whole without FTA Communication Technologies S.à r.l.'s (hereinafter "FTA") prior consent in writing.

CE Declaration of Conformity

Hereby, FTA Communication Technologies S.à r.l. declares that the aircscreen Mobile™ digital TV receiver dongle for Android smartphones and tablets conforms with the essential requirements of the European Directives 2014/53/EU (RED), 2014/30/EU (EMC), and 2011/65/EU (RoHS).



WEEE

The product you have purchased is subject to Directive 2012/19/EU of the European Parliament and the Council of the European Union on Waste Electrical and Electronic Equipment (WEEE) and, in jurisdictions adopting that Directive, should not be disposed of as unsorted municipal waste.

The disposal of wore out products, the device shall be handed over to the applicable collection point for the recycling of electrical and electronic equipment. By ensuring this product is disposed of correctly, you will help prevent potential negative consequences for the environment and human health, which could otherwise be caused by inappropriate waste handling of this product. For more detailed information about recycling of this product, please contact your local civic office, your household waste disposal service, or the shop where you purchased the product.

Safety instructions & precautions

- Connect the dongle to your Android device and to the antenna with caution in order not to damage the connectors and disconnect the dongle from your Android device when not in use when - Liability is not accepted for damage caused by faulty connector or inappropriate handling of the device.
- Do not expose the dongle to rain or spill liquid of any kind into the dongle.
- Do not expose the dongle to direct sunlight and other

- sources of heat.
- Use with the aircscreen Mobile Android app only.

Warranty

FTA warrants the product as being free from defects in material and workmanship for a period of 24 months starting from the date of production indicated on it (encoded into the serial number printed on the device). This product is designed for the reception of terrestrial television and radio signals. The warranty does not apply for products used for other purposes than those specified herein. The user shall be responsible for any damage incurred as a result of not using the product according to the instructions in this manual. This warranty does not cover parts which may become defective due to misuse of the product, use of non-suitable devices or external cause beyond FTA's control such as drops, accidents, lightning, fire, etc.. If during the warranty period, the product proves defective, under normal use, due to defective materials or workmanship, FTA, at its sole discretion, will either repair or replace the product. For warranty claim, return the product to your local dealer for reparation. Please retain the original packaging, should it be necessary at some stage to return the device. ease retain the original packaging, should it be necessary at some stage to return the device.

Product support

For any further product support and inquiries, please contact us at any of the following options:

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Enjoy live TV without using mobile data

Thank you for purchasing our airscreen Mobile product.

The airscreen Mobile dongle lets you watch free-to-air DVB-T/T2 TV anywhere you go using your Android phone or tablet. The airscreen Mobile dongle works with an app that you will need to download to your Android phone or tablet. The TV signals are received off air so no internet connection or any subscription is required.

The airscreen Mobile app offers intuitive user interface, easy and quick setup and supports HDTV. It provides Electronic Program Guide (EPG), program information, recording of free-to-air TV shows and storing on your mobile device, automatic TV channels search, creation of favorite channel list and playback of your recorded TV shows. Its ultra compact design and low power consumption makes it highly portable and ideal to use whenever you are on the move.

Visit Google Play, download the free airscreen Mobile app to your Android device and connect the airscreen Mobile dongle to your Android phone or tablet. Launch the app and follow its setup wizard to start enjoying live TV quickly and easily.

Box Content

- airscreen Mobile™ digital TV receiver dongle
- 1x Ring antenna
- 1x Stick antenna
- 1x User manual

System Requirements

A dual core Android device with a 1GHz or up, USB host mode functionality and Android 4.1 or later. MPEG-4/H.265 HEVC video playback requires processor with NEON support.

Installations

Step1: download and install the airscreen Mobile™ app on your Android device. You can find the application in the Google Play store by searching for airscreen Mobile.

Note: your Android devices OS must be version 4.1 or higher to use airscreen Mobile™ app.

Step2: plug the airscreen Mobile™ digital TV receiver dongle into the mirco-USB or type-c port of your Android device. A pop-up message will appear with the content “open airscreen Mobile™ when this USB device is connected?” Tap on OK, afterwards the application will start. By tapping on “use by default” the airscreen Mobile™ app will start automatically whenever the dongle is inserted.

Main features

- Watch free-to-air DVB-T/T2 live HD TV on Android phone/tablet
- No internet connection required
- TV Guide (Electronic Program Guide)
- Favorite channel list
- TV recording and time shifting
- Support for subtitles and audio tracks
- Picture-in-picture mode
- Share over a selection of social media apps
- Channel scan – TV and Radio channels

Select your country and search channels

Once airscreen Mobile™ app is open with the welcome screen, select your country and tap on Scan to start scan for TV/Radio channels.

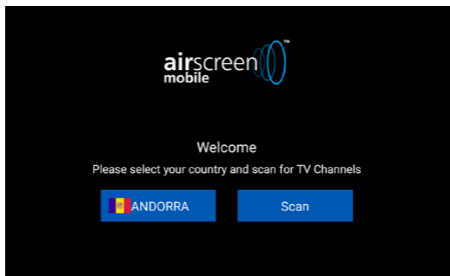


Figure 1: Welcome screen

The app will start to scan for channels:

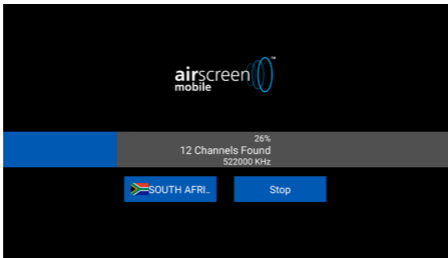


Figure 2: Channel scanning

You may scan for channels at any time from Menu / Settings / Scan Channel:



Figure 3: Menu

Tap on the Menu icon, and then tap on Settings to open the settings menu:



Figure 4: Settings

Then tap on Scan Channel and Choose your country / location and tap on Scan as shown on Figure 1 above:

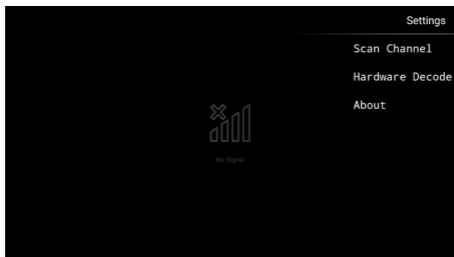


Figure 5: Scan Channels

At the next screen you can choose for HW decoding on or off. Make your choice and tap on Watch TV Now to watch TV:

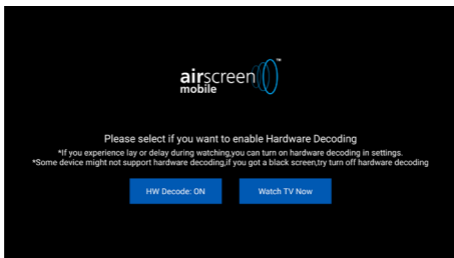


Figure 6: HW decoding on/off

Now you should see a TV channel. Information of the current channel will be shown in the middle of the lower information bar:

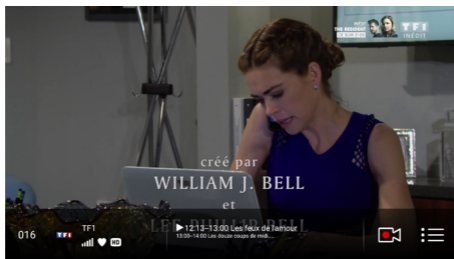


Figure 7: Watch TV channel

Options

By tapping on the menu icon at right on Figure 7 Watch TV channel, resp. Figure 3 Menu, the main menu options will pop up:

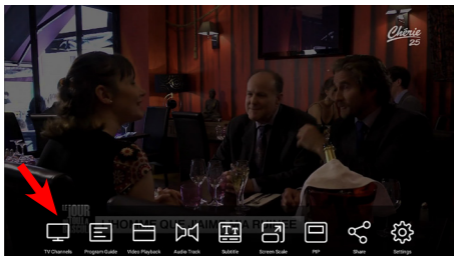


Figure 8: Main menu options

TV Channels

Tap on TV Channels to see the list of the prior found TV channels:

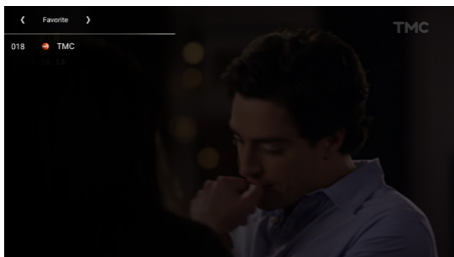


Figure 9: Channel list

If you press and hold any channel name and then tap on Favorite, the channel will be added to the favorites list:

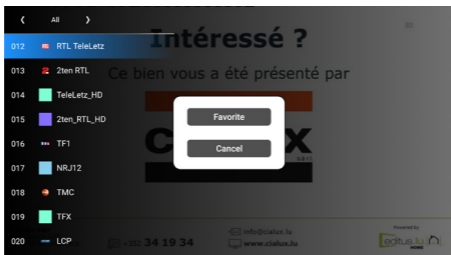


Figure 10: Add to the favorite list

You can switch to different channel lists by tapping at the top either on < or > (switch between ALL/TV/Radio/Favorite).

You can remove a channel from the favorites list by pressing and holding the channel name and then tapping Unfavorite:

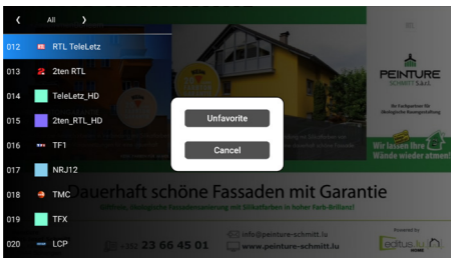


Figure 11: Unfavorite channel

Program Guide

By tapping on Program Guide you will see the EPG. Here you can check the program guides of the TV Channels (To return you need to click on your phone return button):

2020/05/13 (Wednesday)	12:13	12:43	13:13	13:43
16 TF1	Les feux de l'amour 12:13-13:00	Les douze coups de midi... 13:00-14:00		
17 NRJ12	SI... SI PRES DE CHEZ VO... 12... 12:20-12:51			
18 TMC	Drop Dead Di... Drop Dead Diva. "Secret de... 12:13-12:35	12:35-13:30		
19 TFX	Une nounou d'en... 12:30-12:55			
20 LCP	Les matins du Sénat 12:13-13:27		Alias Caracalla, au coeur de la Rési... 13:27-15:00	
21 France 2	To... Les Z'amours 12... 12:20-13:00			
22 France 4	Les Cours... Les Cours Lumni - Pr... 12:13-12:30	12:30-13:00		
23 France Ô	Un si grand soleil 12:17-12:42			
24 franceinfo:	Le... L'in... 12... 12:2...			

Figure 12: Program guide

Video Recording & Playback

You can click the Record button to record the TV channel on your mobile phone:



Figure 13: Record TV Channels

Recorded videos can be found under the option Video Playback.

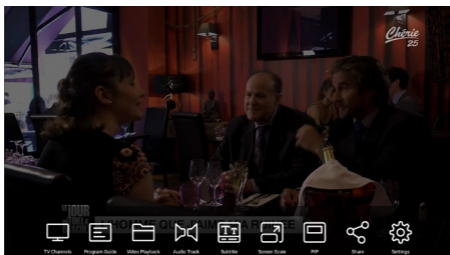


Figure 14: Video Playback

All recorded videos are listed there, with channel name and date as filename:

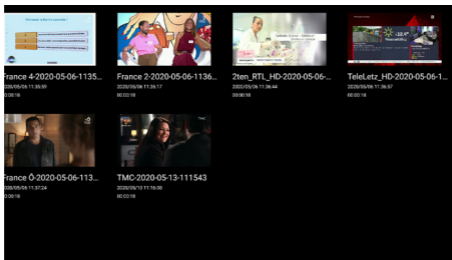


Figure 15: Recorded videos

Audio Track

Some TV channels support different audio tracks (mostly different audio languages). Tap on Audio Track to change. This function depends on if the TV channel has more than 1 audio track or not.

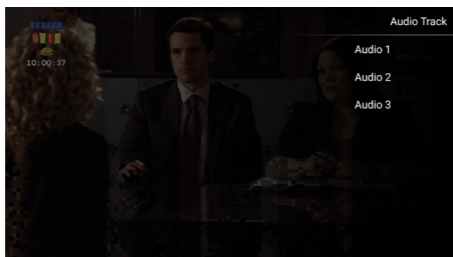


Figure 16: Select Audio Track

Subtitle

By tapping on Subtitle you can switch on/off subtitles:



Figure 17: Subtitle on/of

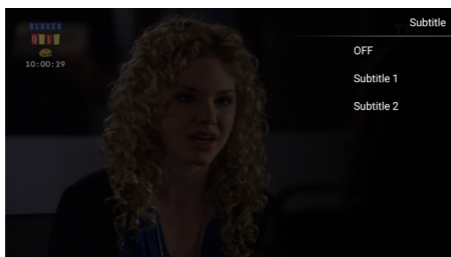


Figure 18: Subtitle on

Screen Scale

You can change the screen scale by tapping on Screen Scale:

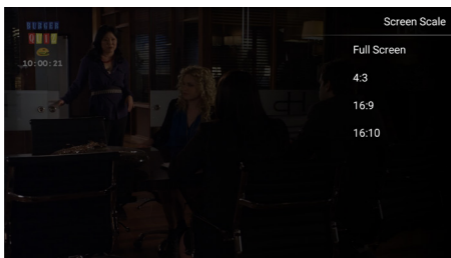


Figure 19: Screen Scale

PIP

By tapping on PIP you will enter the picture in picture mode. You can drag and move the window around. The top left icon in the aircscreen Mobile™ PIP window can turn the screen back to full screen, the top right icon will close the application (PIP support depends on the Android OS version):

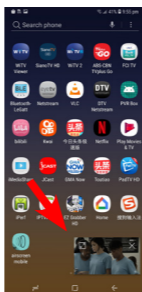


Figure 20: PIP mod

Share

By tapping on Share you can share the current TV content to other social community applications. For example: WeChat, Facebook, Twitter. This application must have been installed before you can share the content through them:



Figure 21: Share content

Settings

By tapping on Settings you have direct access to listed items or information as shown below:

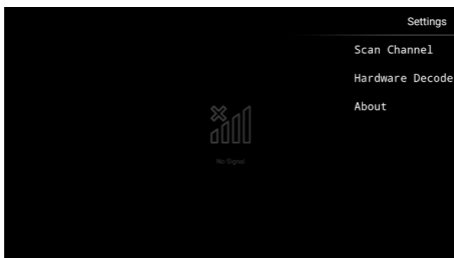


Figure: 22 Settings

FAQ

Q: No or only few TV or radio programs are found, or TV programs show a strong mosaic formation.

A: This is mainly due to a weak reception. In this case, we recommend testing the reception outdoors first to see if there are better signal conditions, resp. whether the problem no longer occurs. If the reception outdoors gives the desired results, it is recommended to use an antenna with better radio reception characteristics for indoor use.

Q: The TV channels playback is not smooth (for example: lag, video and audio are not synchronizing) but the signal is pretty good.

A: These might be due to mobile specification/performance. You can turn on Hardware decoding to improve the performance. To turn on (or off) Hardware decoding: first click on the screen to bring up the menu, tap on the menu button (see at Figure 3 Menu icon at the very right), then tap on Settings and then tap on Hardware Decode. You can turn ON the hardware decoding (see at Figure 23 Hardware decode on/off). Afterwards tap on "Watch TV Now" to return to watch TV.

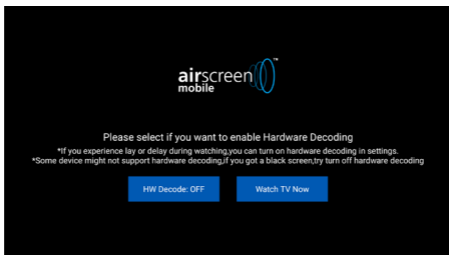


Figure 23: Hardware decode on/off

*The button on the left indicate the status of Hardware decoding. If shown "ON" then it means hardware decoding is turned on, if shown "OFF" it means hardware decoding is turned off.

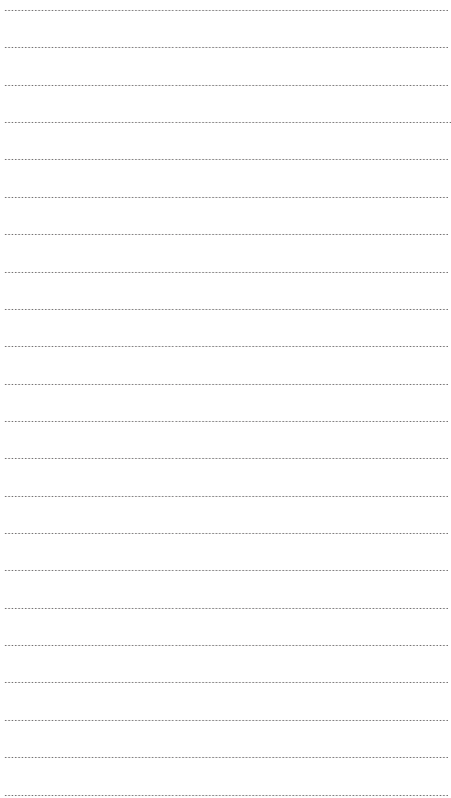
(Some mobile might not support Hardware Decoding, if you got a black screen when watching TV, please go to settings and turn off hardware decoding).

Specifications

System OS	Android 4.1 or higher
USB interface	Micro-USB IDLA-DONO1-ANDOU-OGW (Item 5816) Type-C IDLA-DONO1-ANDOC-OGW (Item 5815)
Input power	5V 1.3A, supplied by the Android device
Antenna interface	75 Ohm Digital TV Antenna Input, MCX connector
Input signals	
Frequency range	177.5 MHz ~ 226.5 MHz (VHF) 474 MHz ~ 862 MHz (UHF)
DVB-T /T2	DVB-T2 EN302 755, 1K to 32K FFT Size DVB-T EN300 744, 2K to 32K FFT Size Punctured Codes 1/2, 2/3, 3/4, 4/5, 5/6 & 7/8 Bandwidth 1.7/5/6/7/8/10 MHz
Video decoding	Full HD, MPEG2 MP & ML / H.264 AVC / H.265 HEVC
Audio format	Audio Layer I & II
Recording format	
Video format	MPEG2 MP & ML / H.264
Audio format	Audio Layer I & II
Accessories	Loop antenna Stick telescopic antenna
System Requirements	A dual core Android device with a 1GHz or up, USB host mode functionality and Android 4.1 or later. MPEG-4/H.265 HEVC video playback requires processor with NEON support.

Notes

A series of 21 horizontal dotted lines for writing notes.





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