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**Android Accessibility Settings?**

by dale\_oxford · Jul 9, 2020

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dale\_oxford  
Member

Jul 9, 2020



Hello - I'm trying to set up remote access of my android head unit to monitor system vitals remotely.

I have an Xtrons head unit (MCU Version: T83.19-94-14-E06101-190118) and am struggling to get any remote access Apps to function fully. Apparently, I need to enable a setting on the accessibility setting, but I can't find these?

Nearly all apps (Team Viewer, etc) allow the connection and allow me to move a mouse around the screen however non allow me to 'click' remotely. The App AnyDesk has been the most helpful with their development team providing access to a universal plugin that will supposedly enable the functionality, however it requires access to the device's accessibility settings. Does anyone know how to access this?

The below post raised a simial question but remained unanswered: [https://xdaforums.com/android-auto/\\_esibility-settings-lost-android-8-1-t906920](https://xdaforums.com/android-auto/_esibility-settings-lost-android-8-1-t906920)

Android Version:  
8.1.0  
MCU Version:  
T83.19-94-14-E06101-190118  
System Version:  
V9.3.1\_20181128.105007\_HC2-FD

[https://www.dropbox.com/s/znpnnvmt1jc5pha/IMG\\_4652.PNG?dl=0](https://www.dropbox.com/s/znpnnvmt1jc5pha/IMG_4652.PNG?dl=0)



Last edited: Jul 9, 2020



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rigattoni  
Senior Member

Jul 10, 2020

dale\_oxford said:

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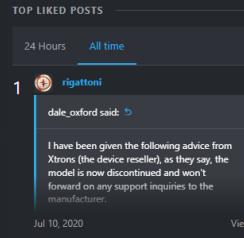
Click to collapse

I have been given the following advice from Xtrons (the device reseller), as they say, the model is now discontinued and won't forward on any support inquiries to the manufacturer.

"After entering "adbон" in the factory set and opening ADB, you can apply on the machine by yourself directly."

Does this mean "adbон" is the password to access the factory settings, or are they saying that I need to set up an ADB connection to the HU via a computer?

Many thanks



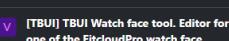
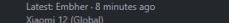
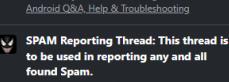
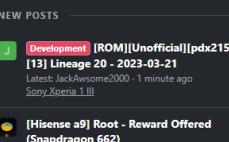
24 Hours All time

1 rigattoni

dale\_oxford said:

I have been given the following advice from Xtrons (the device reseller), as they say, the model is now discontinued and won't forward on any support inquiries to the manufacturer.

Jul 10, 2020 View



ADBON is the password for the factory settings, to get ADB activated, but this does not allow you to edit the accessibility settings, because the entry is hidden by manufacturer.

With activating ADB on your device you are able to run console commands on your PC via ADB on your unit.

```
Code:
adb shell settings put secure enabled_accessibility_services [package name/service name]
```

You can try the app "Accessibility Settings Shortcut" app from play store. But I guess you have to activate it after each reboot.

If your unit is rooted you also can use Tasker with Secure Settings app to get this done on each boot.

dale\_oxford



Jul 11, 2020 #4

rigattoni said: ▶

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[Click to collapse](#)

Hello Rigattoni,

Thank you so much for this advice. I've installed a number of 'Accessibility Settings Shortcut' apps from the PlayStore as some seemed incompatible. This has allowed me to many system changes but hasn't solved the problem.

Do you know what specific setting the AnyDesk plugin is asking to be modified? I've looked through all of the settings I can but can't see what it would need? I would very much prefer that I don't have to ADB the device as I am MAC only and have no experience in performing this task.

Where would the AnyDesk Control Setting be within the accessibility settings?

Below are a few photos which might help:

1 - MCU Version. 

2 - What the application requires to run (prompt). 

3 - Application error (on opening). 

<https://ibb.co/mNwC1pP/IMG-4665.jpg>  
<https://ibb.co/gsyJkL/IMG-4652.jpg>  
<https://ibb.co/C66FCY2/IMG-4653.jpg>

On a separate note, I found in the setting that I could run my HU as a higher resolution and now it looks a lot better!

Last edited: Jul 11, 2020



Jul 11, 2020 #5

@dale\_oxford, Senior Member

Sorry I don't use this AnyDesk application, so no advice possible from my side.  
 ADB is available for MAC too... so if you want to get this fixed...  
 Assuming the setting is persisted, you just need to do it once.  
 Laptop and unit just need to be in the same WiFi network and ADB available on your laptop.  
 Setup instructions --> <https://www.xda-developers.com/install-adb-windows-macos-linux/>

[dale\\_oxford](#)

Jul 11, 2020 #6

rigattoni said: ▶

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Thank you.  
 I appreciate that you may have no experience with the particular App, but I too have limited experience with Android. I hoped that with your experience you may have a gut feeling as to what the dialogue box was advising?  
 I've read though this tutorial and wanted to check something before proceeding:  
 1. Will a USB to USB cable work ok as both devices (laptop and the HU) only have female connections? Hopefully this will work without additional software?  
 2. In the code that you provided, where can I find the specifics which you listed as options? What is the "package name/service name"? adb shell settings put secure enabled\_accessibility\_services [package name/service name]

Can you please direct me to some of the commands which would be applicable in solving this problem maybe?  
 Many thanks,  
 Dale

Jul 11, 2020 #7

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[Click to collapse](#)

Date,  
 you need to use WiFi for it.  
 Get the unit to exact the point with the error message.

Open the Commandline Box in the ADB folder and type:

Code:  
ADB connect 192.\*\*\*.\*\*\*.\*\*\* (put in the IP-Address of your unit instead)  
ADB shell  
top

You will get some output in the CMD.  
press the "q" on your keyboard to quit the refresh of the CMD.  
Post a screenshot of the CMD in here.  
Hopefully we can find the name of the needed accessibility.

If we found the name you just connect again both (laptop and unit) to the same WiFi, open again the CMD on your laptop  
and use the following commands:

Code:  
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dale\_oxford

Jul 11, 2020

#8

rigattoni said: ▾

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Click to collapse

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in the meantime I've done a little research into this and my understanding was that I would still need to initially do a USB  
connection in order to activate the ADB mode. Please have a look at the attached tutorial:

<https://futurestud.io/tutorials/how-to-debug-your-android-app-over-wifi-without-root>

Are you saying that I can connect via WiFi without having to use a USB cable in the first instance or will I still need to do  
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Jul 11, 2020

#9

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If so with a USB male to male cable work given that both my computer and the android headset have female connectors?

Once again... 😊

You are not able to use a female/female USB cable to get connected to your unit as there is not real OTG available on the  
unit.

You need to use WiFi as I wrote.

It works exactly the same way.

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