Leica ScanStation Pxx
Remote Control via Android Device

- when it has to be **right**

Leica ScanStation Pxx
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Prerequisite

- **Leica ScanStation Pxx with FW 2.0 or higher installed**

- **Android device with free app e.g Remote RDP Lite installed**

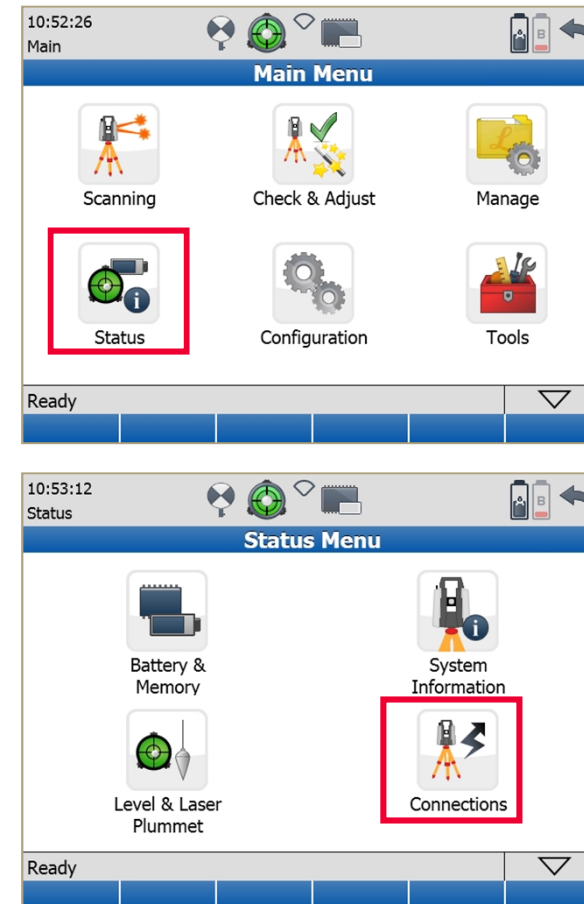- **No additional external hardware needed**

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Select WiFi settings on scanner

- **Start the Leica ScanStation Pxx and wait for the boot process to finish.**

- **Select** [icon] **Status to get to the Status Menu.**

- **In the Status Menu select** [icon] **Connections to open the WiFi Configuration menu.**

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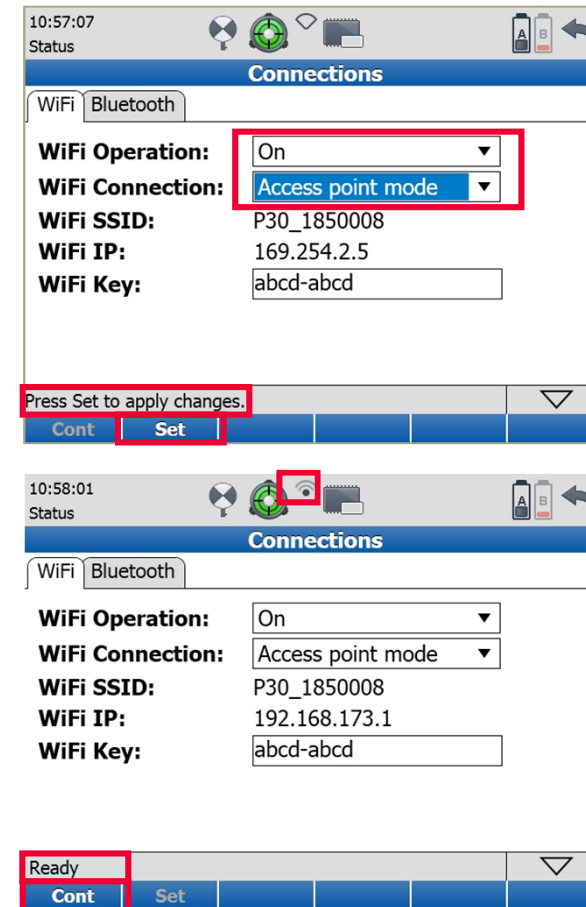
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Remote Control via Android Device

Select WiFi settings on scanner cont'd

- **In the Wifi Configuration menu set**

    - WiFi Operation = On

    - WiFi Connection = Access point mode

- **Press Set to confirm these settings. Wait for the information line to change from Enabling WiFi… to Ready.**

- **Check that the WiFi icon in the status bar changed from off ⬦ to on 📶.**
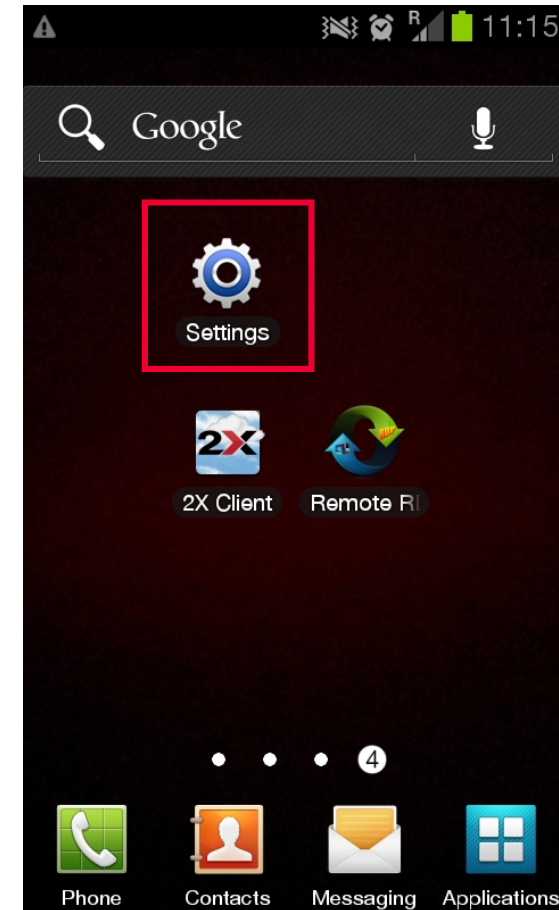
- **Press Cont to return to the Status Menu.**

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Select WiFi settings on Android device.

- **Start the Android device.**

- **Select Settings to define the correct WiFi settings.**

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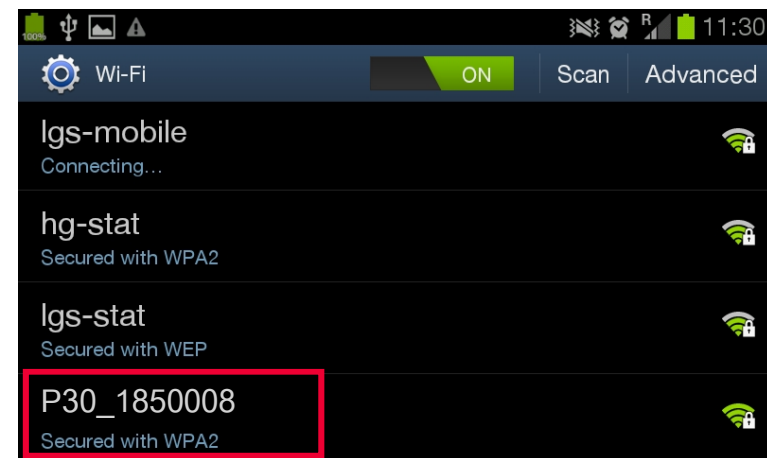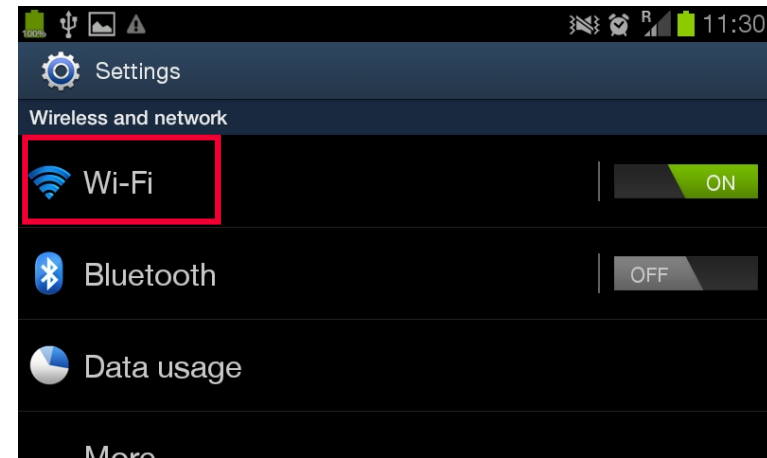**Leica**
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Remote Control via Android Device

Select WiFi settings on Android device cont'd

- **Access the WiFi network list by touching the WiFi entry**

- **In Settings, WiFi select the network P30 185xxxx with 185xxxx being the scanner's serial number.**

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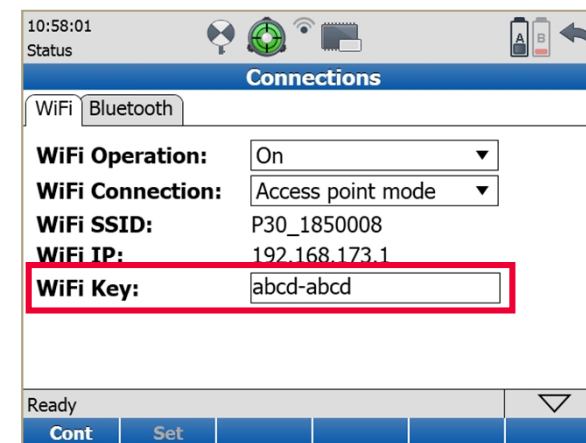
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Select WiFi settings on Android device cont'd

- Enter the password of the scanner when connecting to this network for the first time.

- The default password is:

  abcd-abcd

- As soon as the connection is established the Wi-Fi Icon on the MMI changes from 🛜 to 🛜.
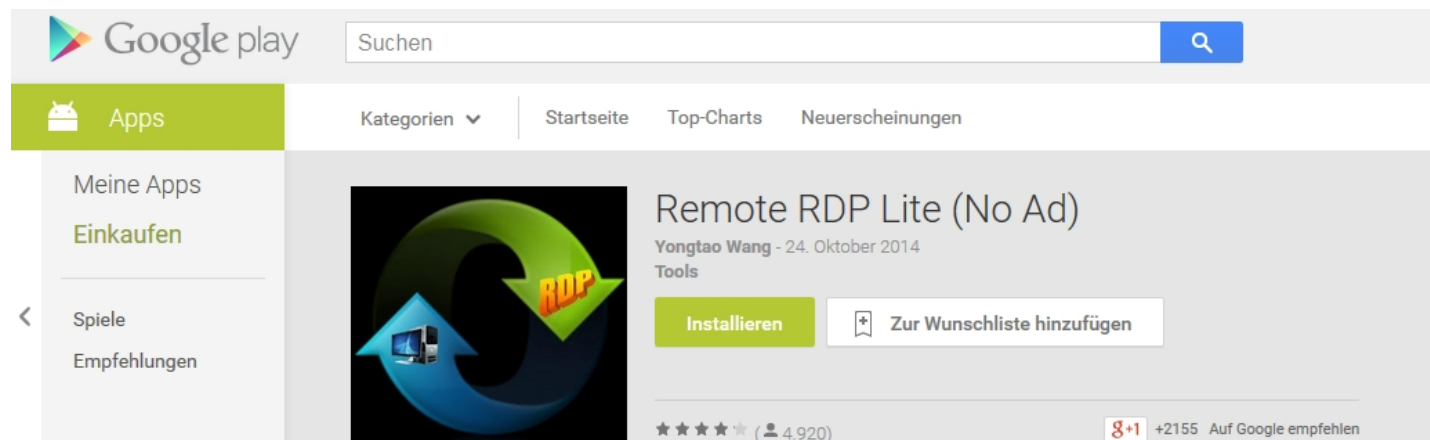
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Initialize Remote RDP Lite

- **Install the free app Remote RDP Lite.**

- **It provides remote access to a PC running Windows.**

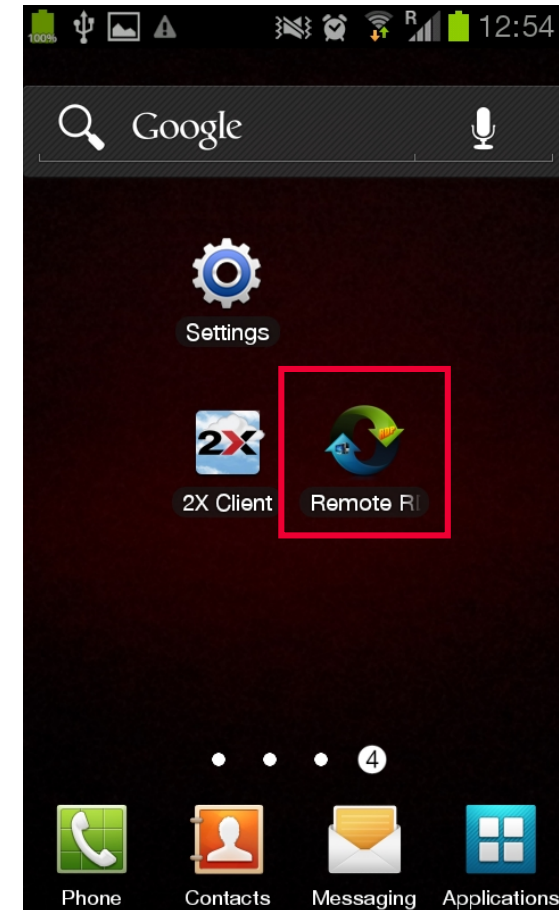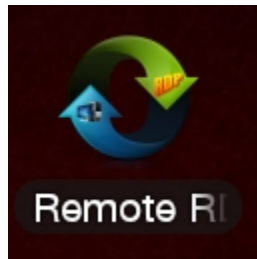- **Search for "remote rdp" in the Google Play Store to find it.**

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Remote Control via Android Device

Initialize Remote RDP Lite cont'd

- **Start the free app
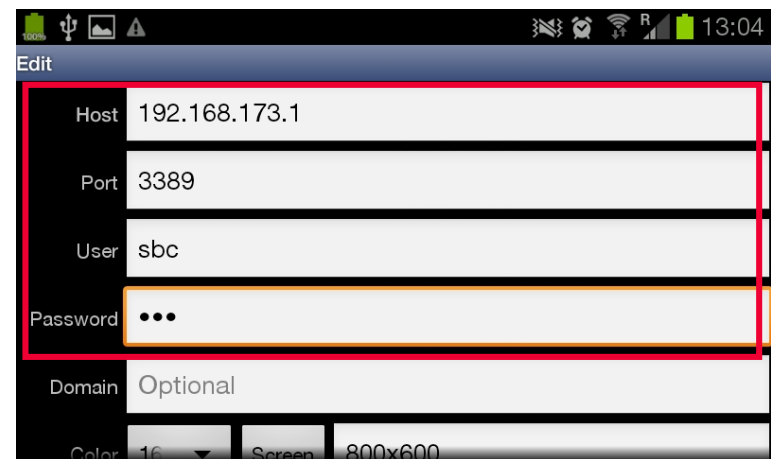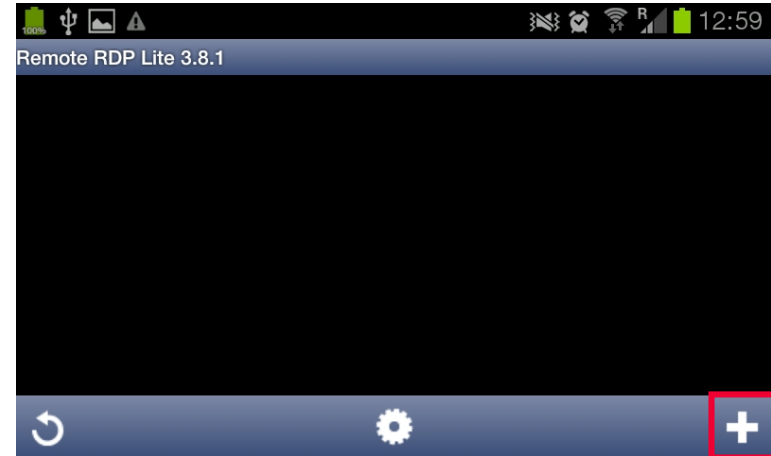 Remote RDP Lite**

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Initialize Remote RDP Lite cont'd

- **In Remote RDP Lite select + to access the Edit menu.**

- **In the Edit list create a connection with**

  - Host = 192.168.173.1

  - Port = 3389

  - User = sbc

  - Password = sbc
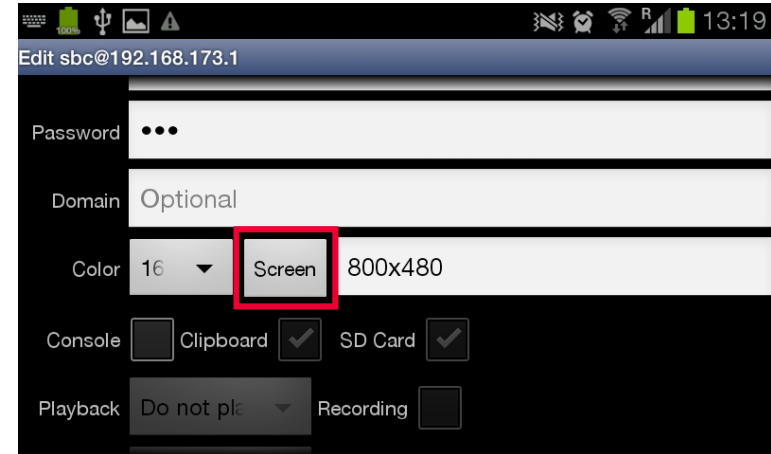

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Initialize Remote RDP Lite cont'd

- **Scroll down to Color and select Screen.**

- **Select 640x480 from the pop up.**
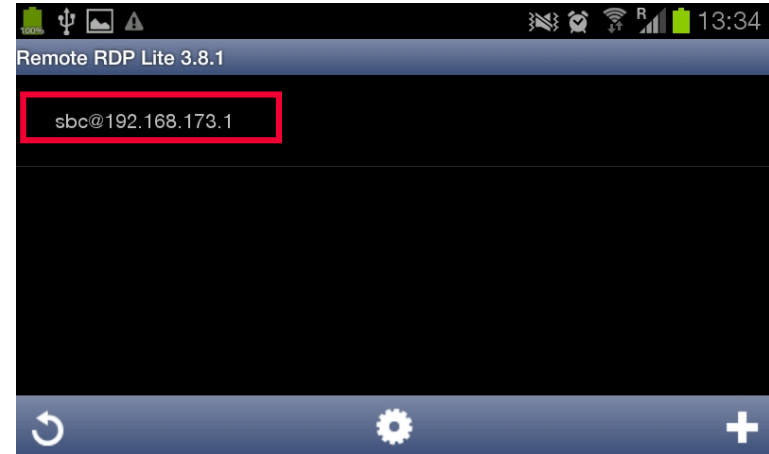
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Remote Control via Android Device

Initialize Remote RDP Lite cont'd

- **Use the Back button from the Android device to access the connections list.**

- **The created connection is listed as sbc@192.168.173.1.**

- **Select the sbc@192.168.173.1 to establish the remote connection from the Android device to the scanner.**
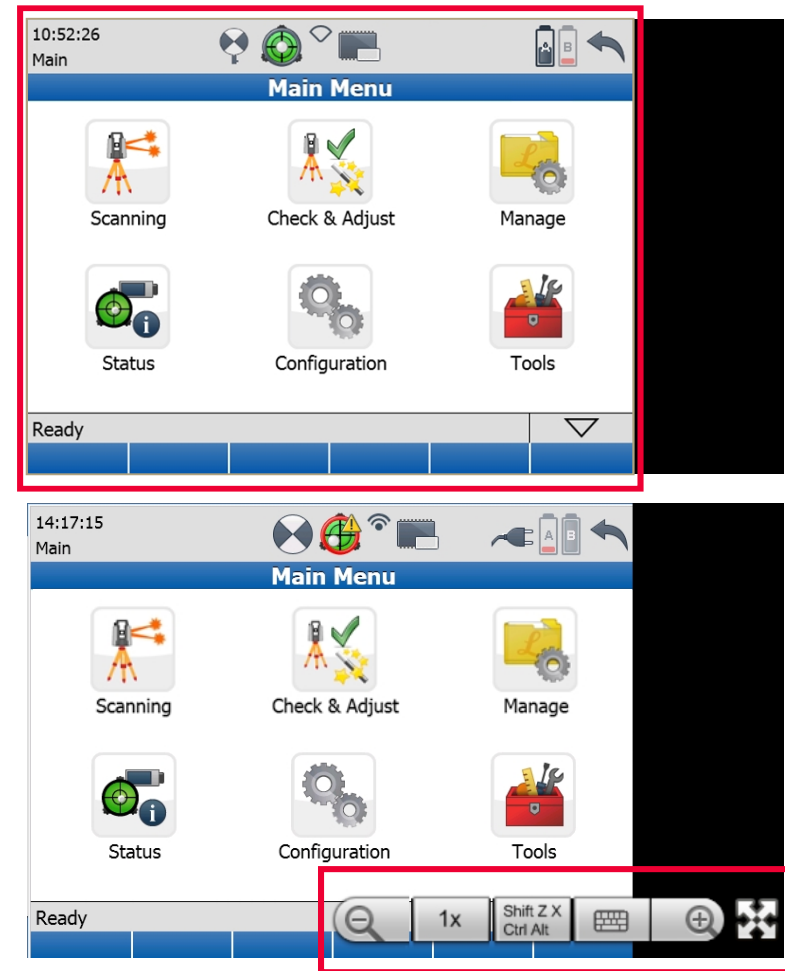
- **Hold sbc@192.168.173.1 to access the edit menu.**

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Use Pxx MMI remotely

- **After some seconds the ScanStation Pxx MMI is displayed.**

- **Touch somewhere in the black area on the screen to activate the onscreen display.**

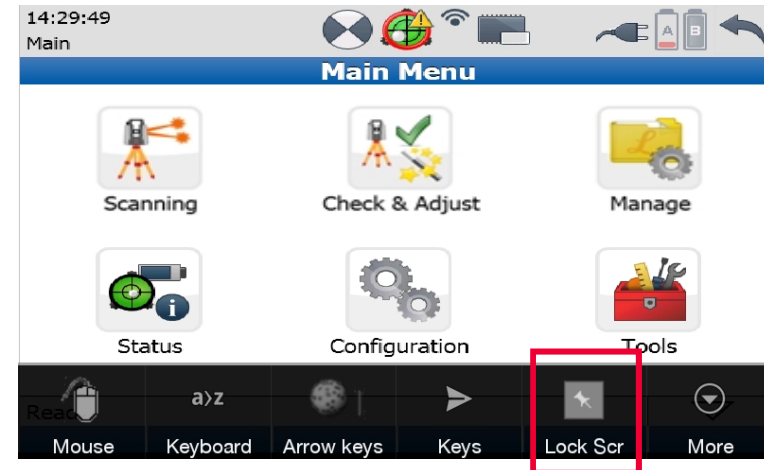- **Use the icon ⊞ to maximize the ScanStation Pxx interface.**

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Use Pxx MMI remotely

- **Use the menu key from the Android device to access the main onscreen display.**

- **Use Lock Scr to allow**

  - fencing from live video

  - fencing from scan

  - pan in scan viewer

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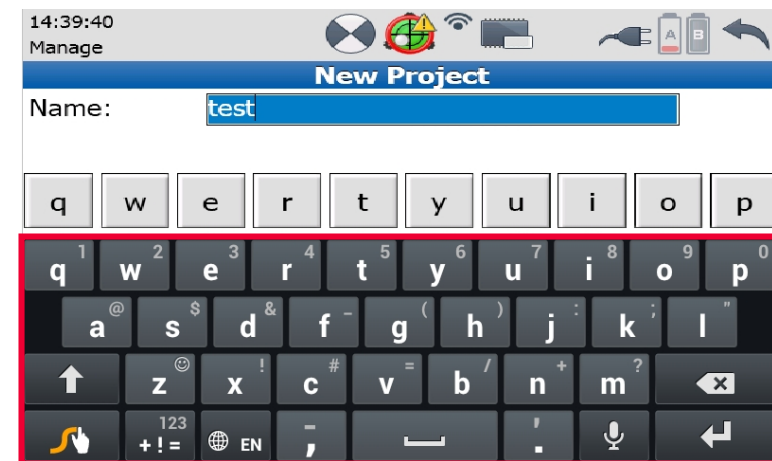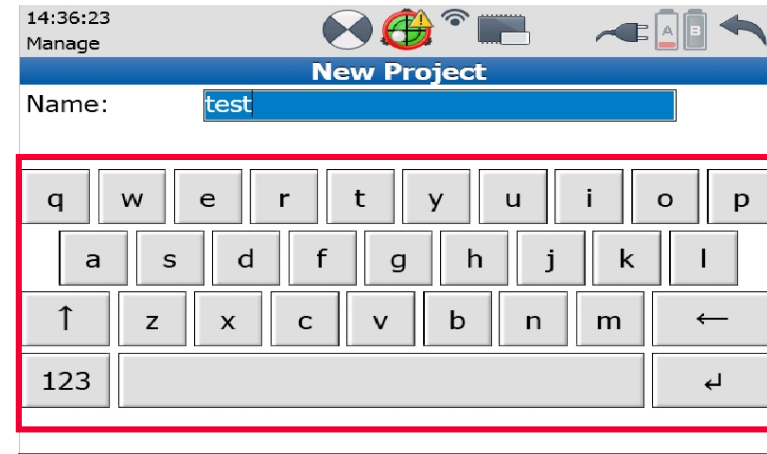**Geosystems**

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Remote Control via Android Device

Use Pxx MMI remotely cont'd

- **When numeric/alphanumeric MMI input fields are selected**

  - the default MMI virtual keyboard can be used or

  - the Android virtual keyboard can be used by pressing from the onscreen display.

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General Information

- **For the detailed device configuration a Samsung Galaxy S II was used. The configuration of your device might be slightly different from this description.**

- **Tested on** Android version 4.1.2

- when it has to be **right**