



TEOS  
CONNECT



# How to install TEOS Connect on BRAVIA Professional Displays

Version 1



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# Introduction

## TEOS Connect Description

Great for collaborative work sessions, TEOS Connect makes it easy for employees or guests to present wirelessly from their laptops on BRAVIA Android Professional Displays.

TEOS Connect makes meetings more efficient and less stressful, with quick set-up and no messy wires to worry about. There's no extra hardware needed – the technology's built right into BRAVIA so you're ready to go.

Up to four TEOS Connect users can share their device's screens simultaneously on a BRAVIA Android Professional Display, so it's ideal for collaboration and group work allowing users to easily participate and share ideas.

# Pre-requisites

Pre-requisites for TEOS Connect are:

- A Professional Android BRAVIA compatible with TEOS Connect (see list below), running the latest firmware
- Internet access on the BRAVIA during installation only (to download and activate TEOS Connect)

Installation and set-up take approximately 15 minutes. Compatible Professional BRAVIA models are:

| Generation  | TEOS Connect compatible models |               |
|-------------|--------------------------------|---------------|
| 2015 Models | FWL-55W805C                    | FW-49X8370C   |
|             | FWL-65W855C                    | FW-55X8570C   |
|             | FWL-75W855C                    | FW-65X8570C   |
|             | FW-43X8370C                    | FW-75X8570C   |
| 2016 Models | FW-43XD8001                    | FW-75XD8501   |
|             | FW-49XD8001                    | FW-85XD8501   |
|             | FW-55XD8501                    | FWD-100ZD9501 |
|             | FW-65XD8501                    |               |
| 2017 Models | FW-43XE8001                    | FW-49XE9001   |
|             | FW-49XE8001                    | FW-55XE9001   |
|             | FW-55XE8001                    | FW-65XE9001   |
|             | FW-65XE8501                    | FW-75XE9001   |
|             | FW-75XE8501                    |               |
| 2018 Models | FW-43BZ35F                     | FW-65BZ35F    |
|             | FW-49BZ35F                     | FW-75BZ35F    |
|             | FW-55BZ35F                     | FW-85BZ35F    |

Important notes:

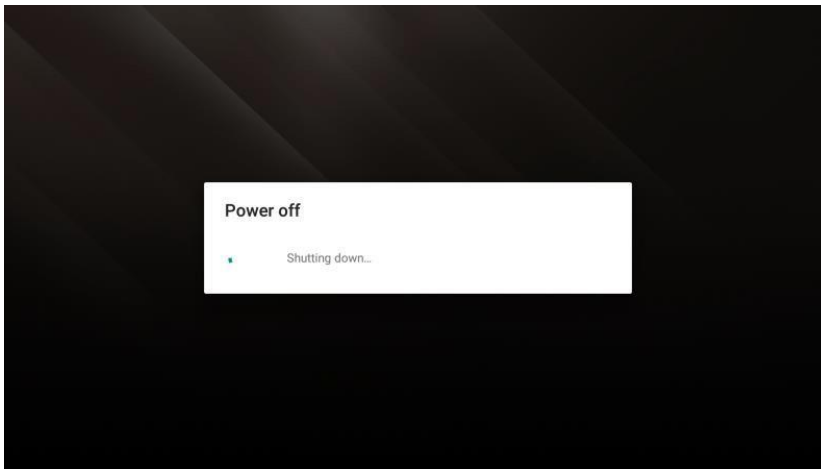
- Wi-Fi Direct connection cannot be used if the Professional BRAVIA is connected to the network by Wi-Fi.



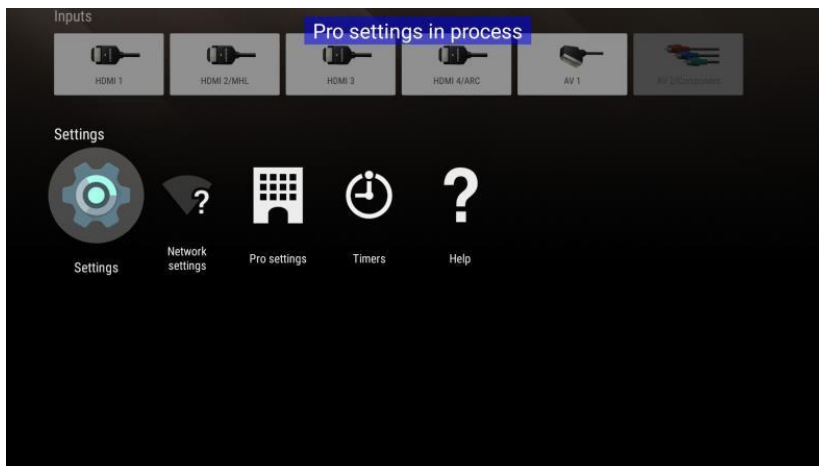
# Step-by-step Installation

1. Turn On the Professional BRAVIA
2. Activate Professional Mode Settings menu

Turn it on from the settings menu, or input this code on the remote control: "i+ / mute / vol+ / home". The display will reboot in "Pro Settings" mode. This step may take a few minutes.

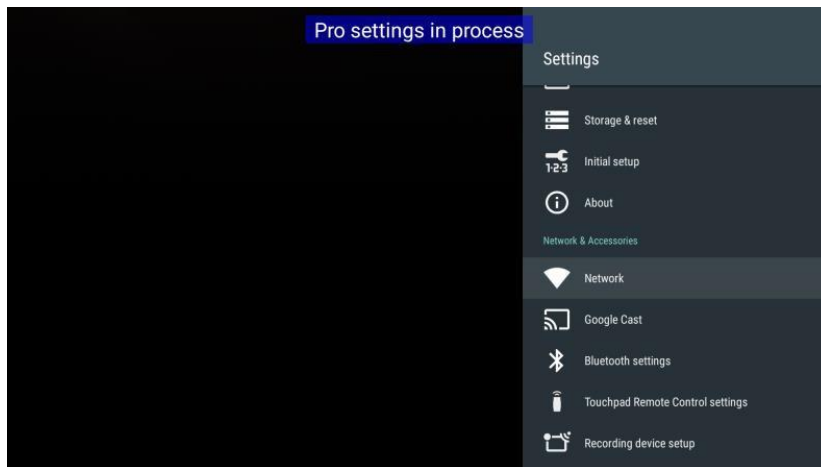


If the operation is successful, a "Pro settings in process" notification will be visible at the top of the screen.

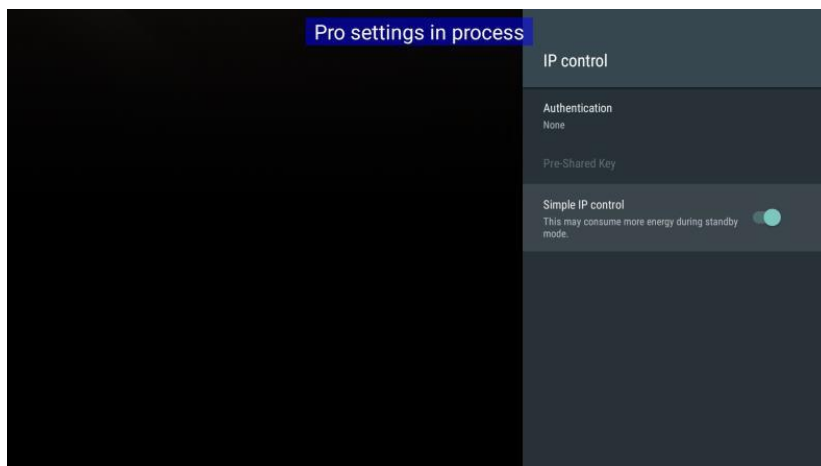


## Set-up Network Features

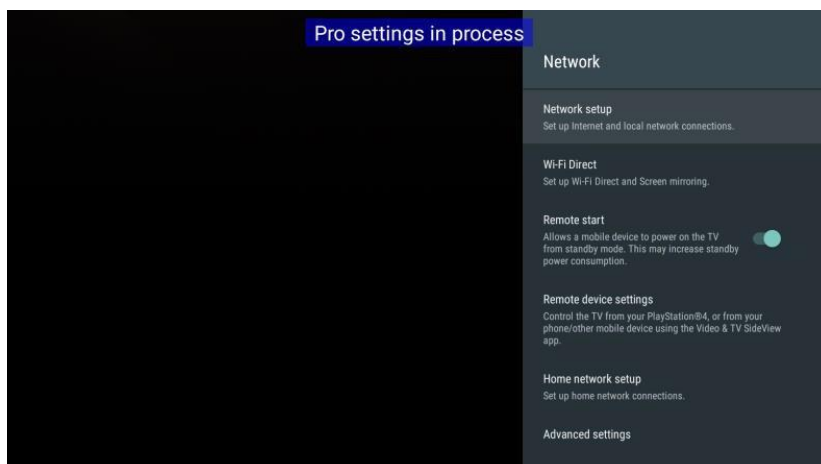
3. Go to Settings > Network > Home Network Setup



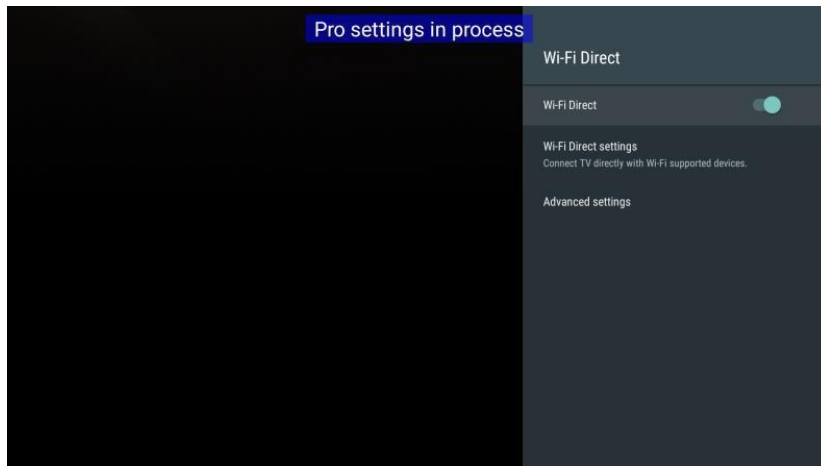
- Select IP Control
- Set Authentication to "None".
- On some models "None" might not be available. In this case, please select "Normal & Pre-shared Key".
- Set Simple IP control to "On"



4. Go to Settings > Network > Wi-Fi Direct



- Activate Wi-Fi Direct

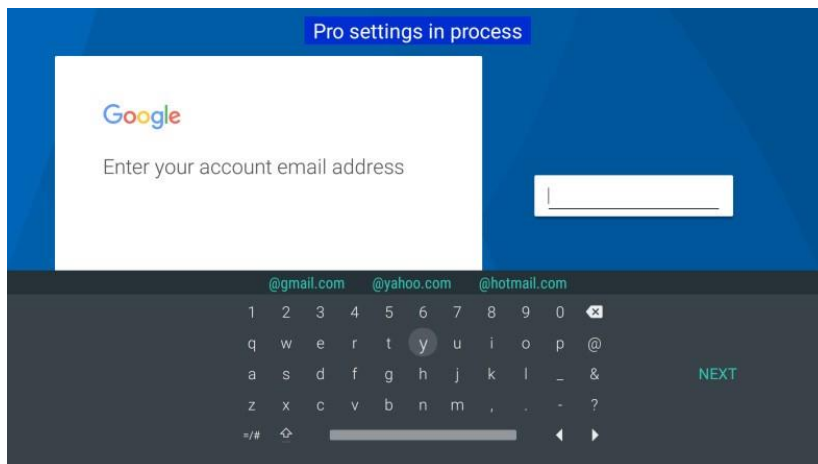


## Install TEOS Connect

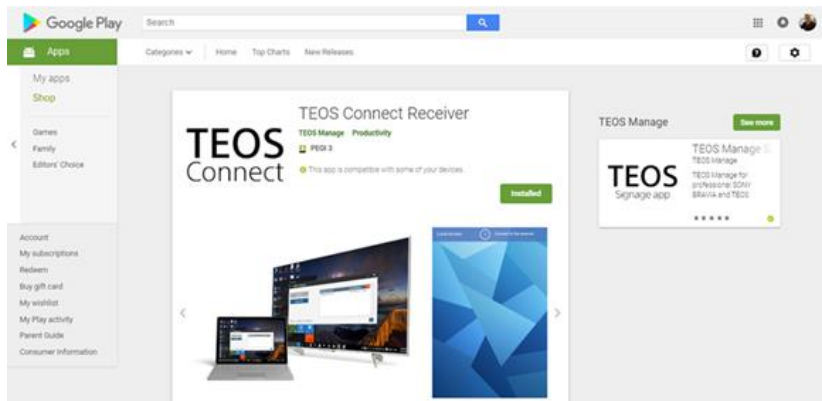
5. Connect the display to an Internet access (through Wi-Fi or RJ45)

Internet is required only during the set-up to download the TEOS Connect Android application and activate the license.

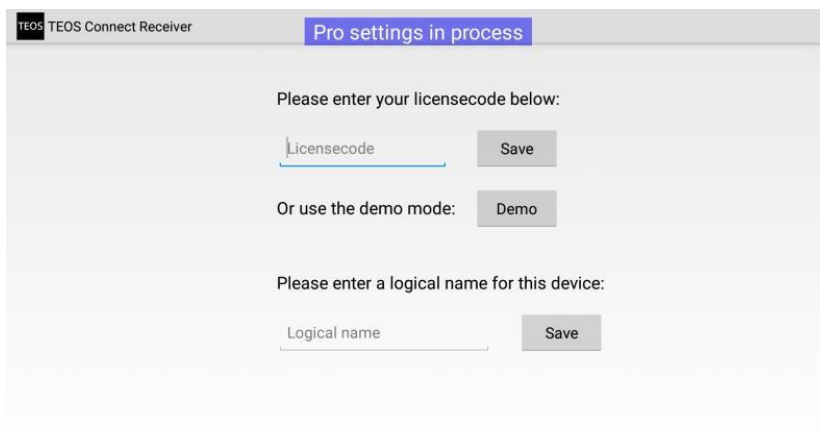
6. Open the Google Play Store and sign in with an account



7. Search for “TEOS Connect Receiver” application, download and install the application. In case you want to install the application manually, you need first to download a File Explorer application, such as “X-plore File Manager” or “File Commander”. This application will then be able to install .apk applications from a USB key connected to the display.



8. Open “TEOS Connect Receiver” application. First time the application is opened, you can see a configuration page. Set-up the display name and activate the license.



To activate the license, enter the activation code you received by email. In case you do not see the configuration page, you can do the following combination on the remote control to access it: 9-7-1.

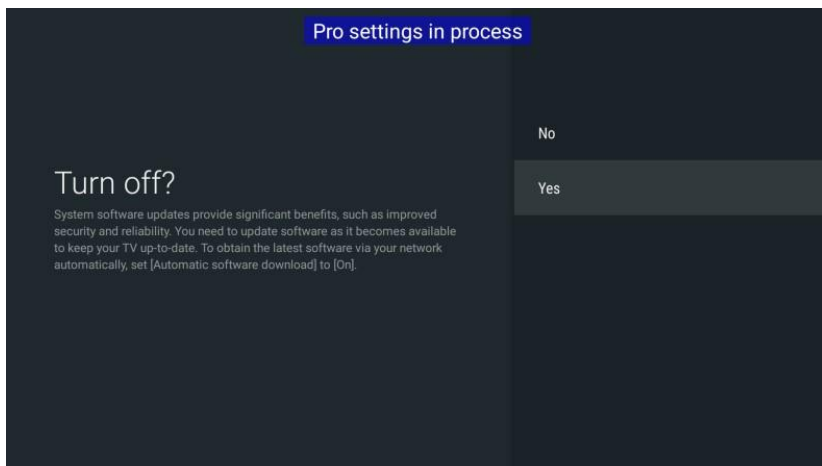
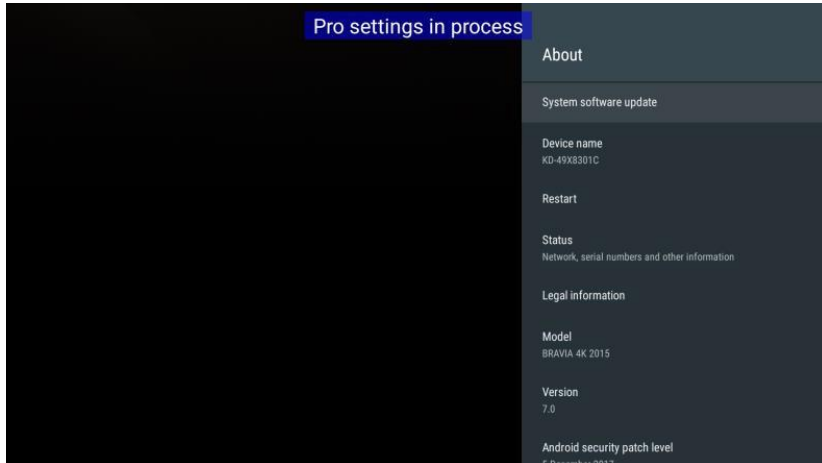
After activation, you no longer need Internet access.





## Disable Automatic updates messages

9. Go to Settings > About > System software update
  - Turn off "Automatic Software Download"



## Set-up recommended picture settings

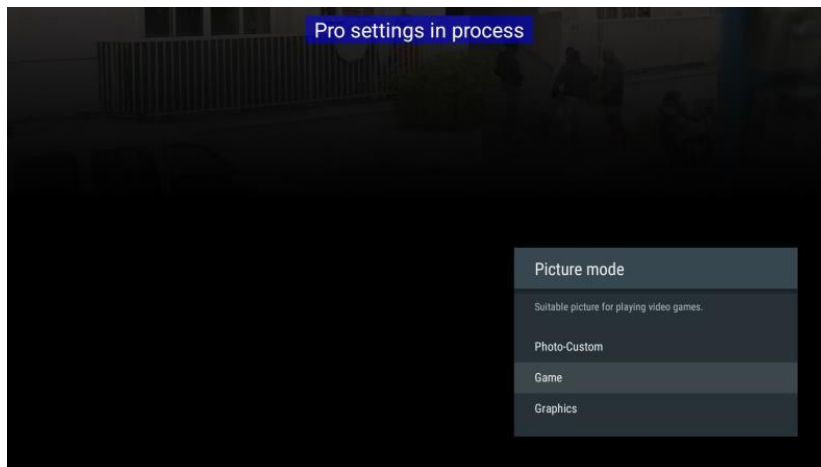
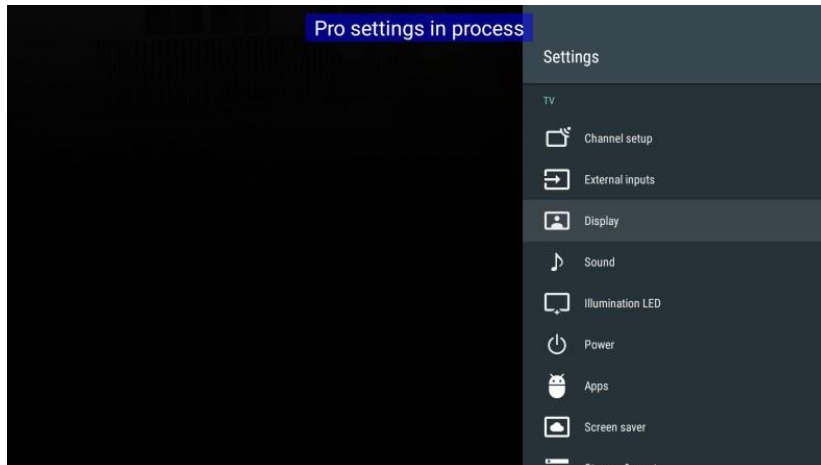
10. Go to Settings > Display > Picture

- Set following values:

Picture mode: Game

Brightness: Max

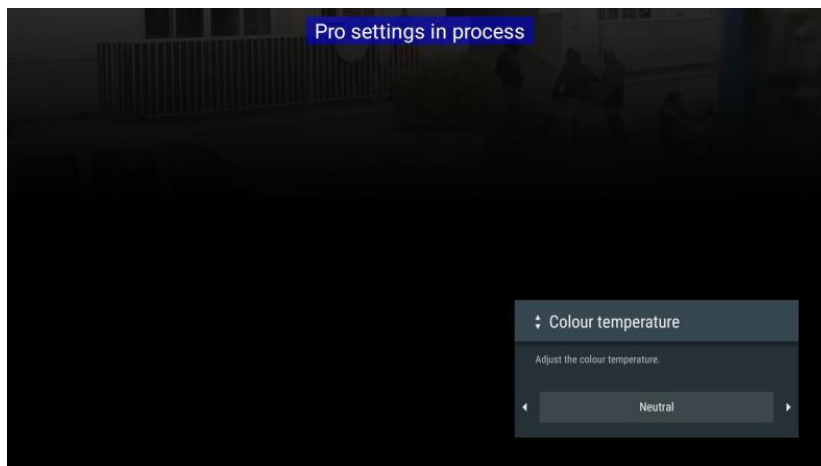
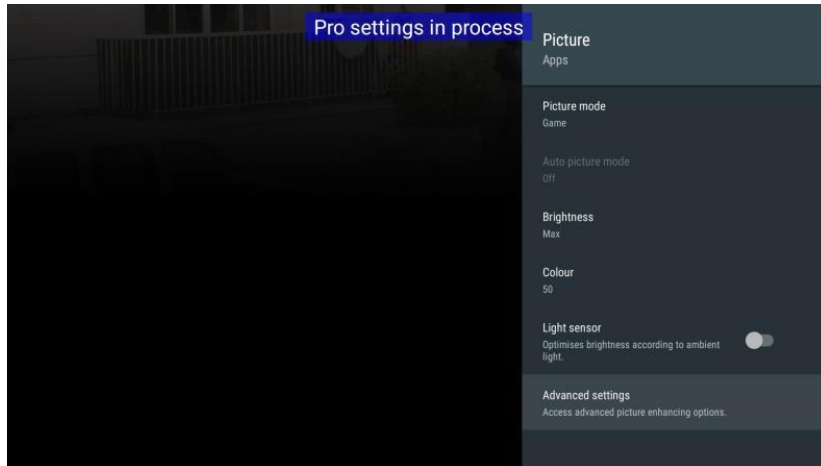
Light sensor: off



11. Go to "Advanced settings"

- Set following values:

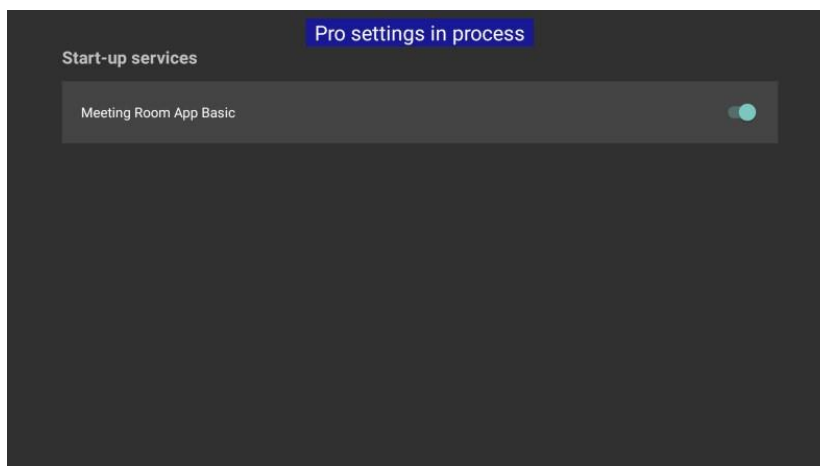
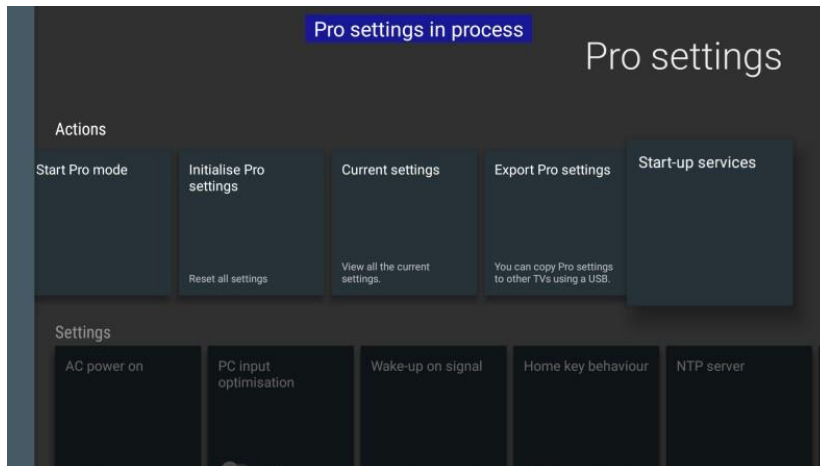
Colour > Colour temperature: Neutral



## Set-up recommended Professional settings

### 12. Go to Pro Settings > Settings

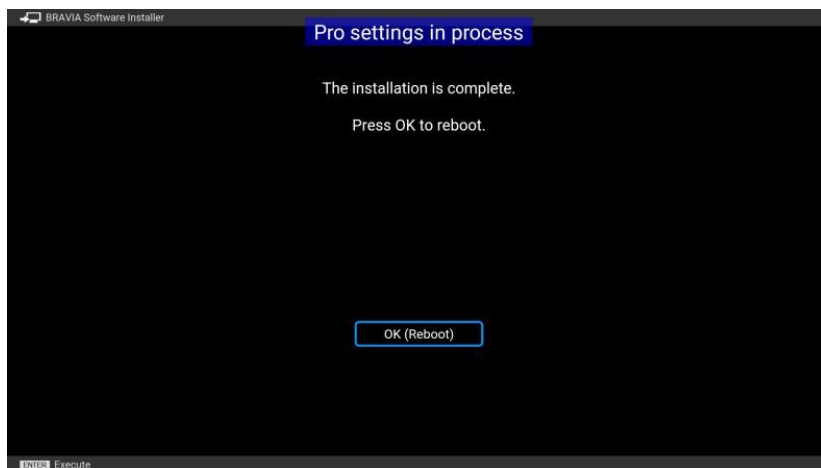
- Allow WebAppRunTime to access photos, media and files when the pop-up message appears
- Go to "Functions restrictions" and set "TEOS Connect Receiver" to enable. For network security, it is recommended to only keep TEOS applications and enable and disable all others.
- Go to "Start-up Services" and Activate "Meeting Room AppBasic"



Wait for Software Installer to start automatically before accepting license agreement and follow the steps:



Press "OK" to reboot.



The display will then automatically reboot. This reboot takes ~5 minutes.



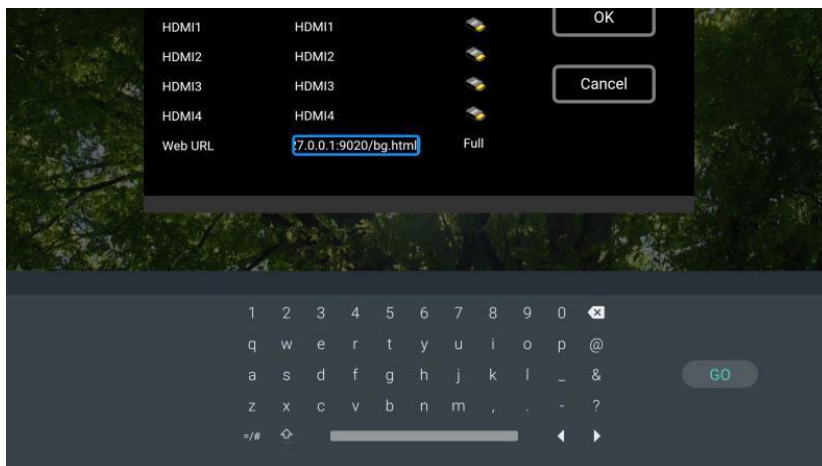
## Configure the Meeting Room applications settings

After reboot is complete, a page with the Meeting Room Interface settings should be visible. In case you need to access these settings again, you can press the play button of the remote control.



13. Change the last setting (web URL) by using remote control:

- Address: <http://127.0.0.1:9020/bg.html>
- Full Page (instead of none)
- Press "OK"



Your Professional BRAVIA is set-up with TEOS Connect, and the following interface should be visible on screen:



You will then be able to download the software for PC or MAC by:

- Connecting your laptop to the same network as the BRAVIA (or the Wi-Fi Direct generated by the BRAVIA, as per the screen instructions)
- Open a web browser and enter the address visible on the screen: <http://teos.work>
- Follow the instructions visible on the page



## Q&A

### How to update TEOS Connect Application?

TEOS Connect works as any Android application. There are two ways to update the application:

- Through the Google Store: You will have to access the BRAVIA Professional Mode Settings menu (" i+ / mute / vol+ / home" with the remote control), open the store and update the application. Then, please go to Pro Mode settings > Activate Pro mode. Google also allows automatic updates if an account is connected with Internet access.
- Manually: You will have to access the BRAVIA Professional Mode Settings menu (" i+ / mute / vol+ / home" with the remote control) and open a File Explorer application (such as "X-plore File Manager" or "File Commander"). Use it to access the USB key and open a .apk application. When the application is updated, please go to Pro Mode settings > Activate Pro mode.

### How to access TEOS Connect Configuration page?

Open TEOS Connect app and do the following combination on the remote control: 9-7-1



## How to set-up TEOS Connect to allow mirroring with Internet access?

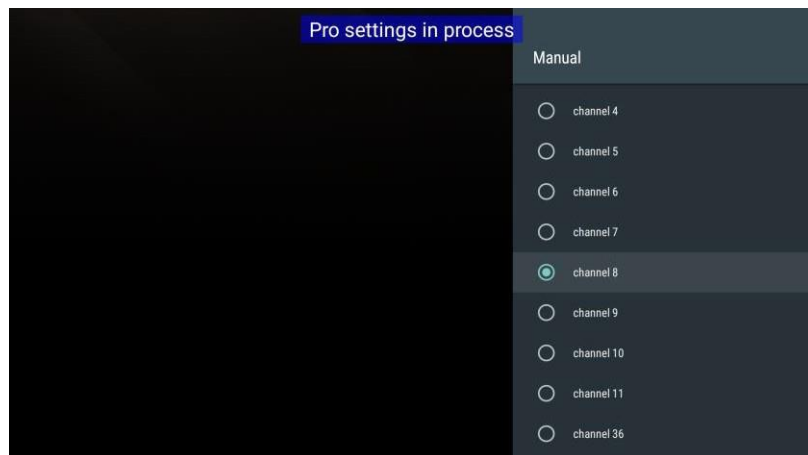
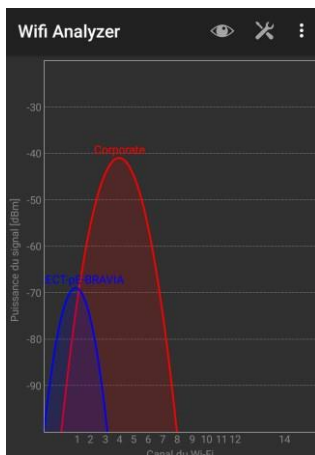
TEOS Connect allows two ways of connection:

- Via Network infrastructure (Professional BRAVIA and computer are connected to the same network). If this network allows Internet connection, the computer will be able to mirror while using Internet at the same time.
- Via Wi-Fi Direct (the computer connects to the Wi-Fi network generated by the Professional BRAVIA). This case allows mirroring when there is no network infrastructure or if this network infrastructure cannot be used)
- The Professional BRAVIA has to be connected to the infrastructure network via RJ45 (Wi-Fi and Wi-Fi Direct are not supported at the same time)

## How to improve Wi-Fi Direct performance, if needed?

Wi-Fi Direct performance might depend on network environment. If performance is low, it is possible to change the Wi-Fi Channel in the BRAVIA by following these steps:

- First use Wi-Fi Analyser application on a mobile to check the best channel to use (in other words the less occupied)
- Go to Settings-> Network-> WiFi -Direct-> Advanced Settings-> Band Setting and select the appropriated channel





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