TEOS Connect
user guide for Windows and Mac

Version 1

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Introduction

This guide is dedicated to users of TEOS Connect to mirror their Windows or Mac computer to a BRAVIA Professional Display.

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.

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Pre-requisites

Pre-requisites for TEOS Connect are:

- A Professional Android BRAVIA compatible with TEOS Connect installed (see compatibility list below)
- A computer, running Windows 7 (or above) or Mac 10.10 (or above)

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

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Download TEOS Connect

If you do not have TEOS Connect software on your computer, you can download it directly from the meeting room display. To obtain the TEOS Connect software, please follow the instructions on screen, depending on the access you choose.

Access the download page

Local Access
To access the download page open your web-browser and enter the address visible on the screen: http://teos.work

Guest Access
To access the download page as a guest when not on the local network, you must connect to the display's Wi-Fi direct. Follow the Guest Access instructions on screen to access the network. For example:

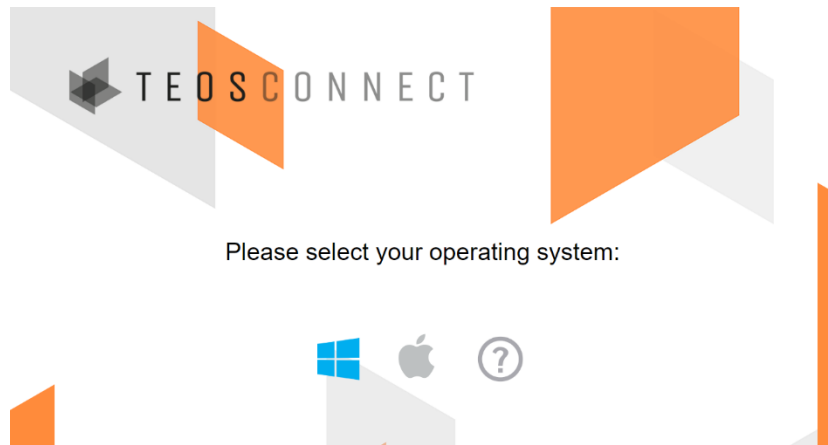| Network name	DIRECT-it-BRAVIA
Password	Rhrh4692

After connection, you will have to:

- Open your web-browser
- Enter the address listed in the Guest Access instructions on screen. This address is always http://192.168.49.1:9020

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Download the software

After opening the webpage in your browser, you will be able to choose between the Windows or Mac version.

If you are a Windows user, please click on the Windows Logo. If you are a Mac user, please click on the Apple logo. The download will start after clicking.

After the download is complete, you will be able to open the program by double clicking on it. Please note this file will always be the file to use to open TEOS Connect. It does not require specific installation and can therefore be easily used by guests.

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Connecting to a display

After opening the TEOS Connect software on your computer you will the application interface, shown here below.
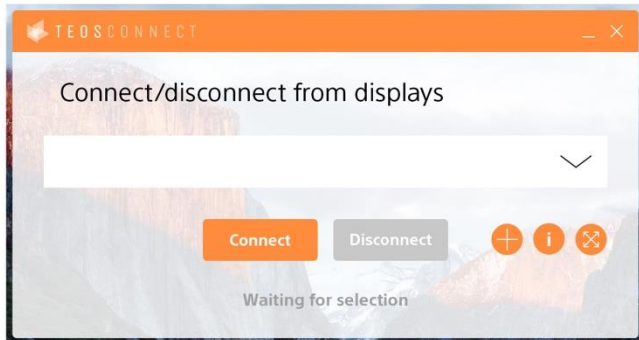

After opening TEOS connect software on your computer, the above windows will be visible.

Generating the list of displays
An automatic scan of the network will be done to discover the displays available.
In case the display you want to connect to is not in the list, you can still add it manually by clicking on the "+" button. Please see the troubleshooting section for more details.
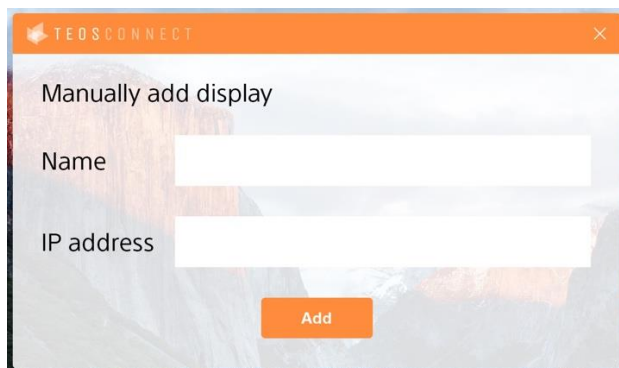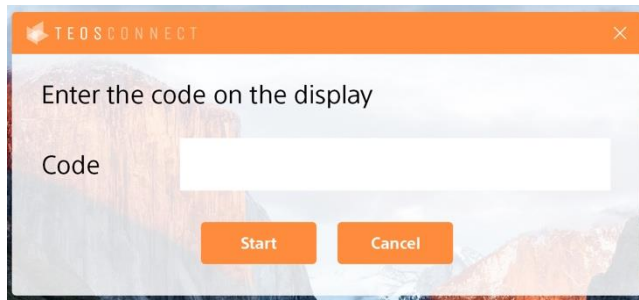

Mirroring to a display
Select the display you want to mirror to, then click "Connect".

The display will automatically generate a 4-digit security code that you need to enter in the new pop up box on your computer:

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After entering the code, you can click start (or press enter) and the display will start casting your desktop.

If you are using TEOS Connect frequently, it is recommended that you download the software and place a shortcut on your desktop for quick access.

Managing multiple Users

TEOS Connect allows up to four connections from four devices simultaneously. When an extra connection occurs on the display, the screen will automatically be divided by the number of streams.

Switch between full screen and multiple screens
If you would like to make your connection the focus, you can make your desktop go full screen by selecting the full screen icon on the TEOS Connect application:

This action will allow you to simply switch between full screen/multiple screens, without disconnecting any users. As soon as a user disconnects, the mirroring stream will disappear from the display.

Additional notes:
- The audio of each device can be heard at the same time to allow every user to share a video file.
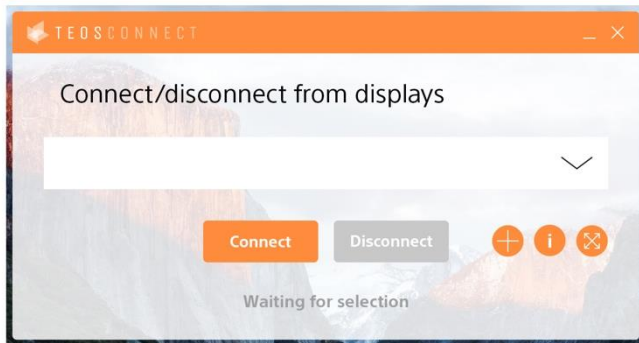- The two first streams are in higher quality than the two last streams, due to the display processor capability.

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Troubleshooting

I don't see any displays in my drop down list.

Check if you are properly connected to the local or guest network.
If you still don't see devices, then you can manually add them by clicking the "+" button:

Name	Fill in a logical name such as "Meeting Room 1"
IP address	Fill in the IP address of the display. This address will depend if you are using the local or guest address. This is the address visible in the meeting room display main interface.

The audio is not working on my Mac. What can I do?

If you do not hear audio when using TEOS Connect on a MAC, it means you miss a specific audio driver. This driver, called "SoundFlower", is integrated in TEOS Connect and can be installed from the software. Indeed, if you miss the driver,a speaker icon " 🔊 " will be visible on your software. After clicking on it, your MAC will prompt a request to enter your username and password. Please note that you need administrative privileges to install drivers.
After filling-in your logon details, you will see the status:

Status : Installing audio drivers

This can take up to a few minutes. After the status returns to:

Status : Waiting for selection

you need to restart the TEOS Connect application before to mirror again. If it still does not work, please reboot the MAC.

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Multiple users are connected, but the second stream looks darker than the others.

This is a known issue depending on the professional display generation. An
update will be provided soon. However, it should be normal when switching to full screen.

Mirroring latency is high. What can I do?

This might depend on your connection:
- Local access: Mirroring can be linked to the network quality. If your network is heavily used, connection might be slower. We would then recommend to use the guest access
- Guest access: If mirroring is slow, you can improve it by changing the Wi-Fi Direct channel on the display. Please refer to the "TEOS Connect Installation Guide"

Please contact your IT Manager if needed.

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