

UC S10 Collaboration-Soundbar:

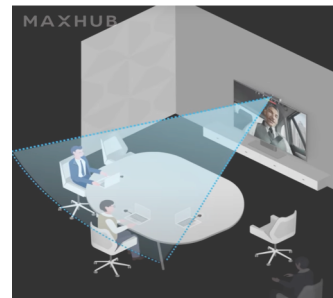
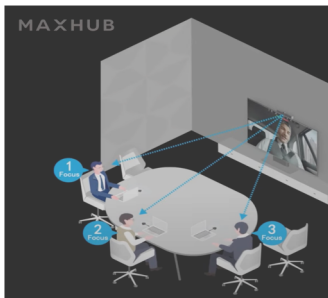
(plus BM 21 Speakerphone)



Introduction

The UC S10 from MAXHUB is a unique and very flexible Audio & Video Collaboration Bar for a variety of applications. The unique features are the **integrated Android** system, which allows to use the UC S10 as a standalone “Terminal” (Host), the wireless access point which allows for **4 external devices** to connect via **wireless screen sharing**. The **6 integrated microphones** (6-Mic-Array) will allow for a pick-up pattern of up to **8m** easily, and the internal **8W loudspeaker** is capable, of filling up a medium sized Huddle- or Meeting room (approx. 25-30 m2) with clear voice from the far end side. The extremely powerful **noise reduction** and the **accurate AEC** (Acoustic Echo Cancellation) algorithms are the basis of the great sound experience with the UC S10 in almost every Video Conference application you want to use. A unique MAXHUB **dereverberation** algorithm is also on board.

The integrated **4K / 12MP Camera** incorporates the **Auto-Tracking** and **Auto-Focus** functions which allow for automatic **tracking of people in the room**, while the easy way to create up to 3 presets also allows for **specific positions** of the camera.



To **save a preset**, just put the camera into the right position, then press and hold the buttons 1, 2, or 3 on the IR remote control for 5 sec. To **recall a preset**, just push the buttons 1, 2 or 3 once, and the camera will move to the programmed position.

The **Auto-Tracking** function can be **turned ON or OFF** thru the IR remote, by pushing and holding

the “tracking button”  for 3 sec.



SETUP

If you turn on the UC S10 for the first time, you will be guided thru a very short setup menu. Therefore it is necessary to have a Display with best 1080p resolution and connect the HDMI cable, which is shipped with the UC S10, between the two units.

Please make sure you purchase a pair of AAA batteries, so you can insert them into the IR Remote Control of the UC S10.

Next step is to choose if the UC S10 will be connected via LAN cable or WIFI to the Network/Internet. In both cases, please make sure, you have access to all needed information and passwords, etc.

#1 While installing the UC S10 via **LAN Cable**, the RJ45-LAN connector on the rear side of the unit, needs to be connected to the Router to get internet access.

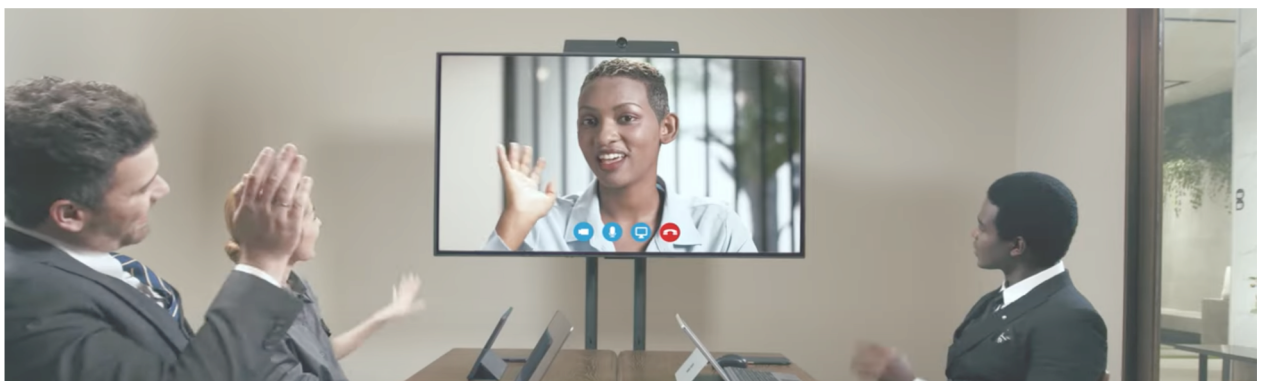
If the UC S10 shall be connected thru **WIFI**, then this connection is not needed.

#2 Plug the connector of the PSU into the respective connector on the UC S10, plug the HDMI cable into the Display and turn the power of both units on.



#3 Put two AAA batteries into the IR Remote Control, so you can use it to go thru the setup menu. In the Manual of the UC S10 you will find a short description, which buttons to use for going thru the short setup.

#4 Please enter all your data as needed and after this setup process, the UC S10 will be ready to use.





APPLICATIONS

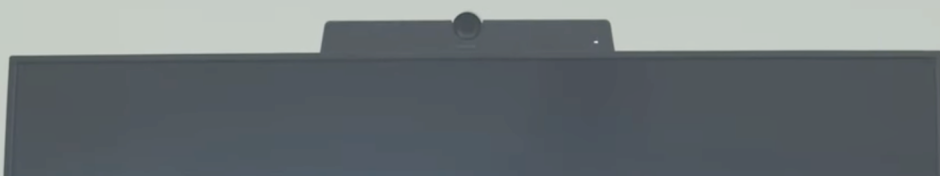
BYOD Setup (Bring Your Own Device)

Before we start, please check if the UC S10 is connected to the Internet (LAN or WIFI). If not, please make sure you connect the UC S10 to the Internet under **SETTINGS** using the IR remote control unit. Once the UC S10 is connected to the Internet, it will remember the connection for the next time you turn the unit on and automatically re-connect to it.

The application BYOD is very simple to use and only requires the connection of a single USB cable, which comes with the UC S10 in the box. Here we use the UC S10 as external Audio & Video Device, using any VC App, you have installed on your own device (i.e. Laptop)

At the rear side of the UC S10, you will find a USB-C connector, where you plug in the USB cable and connect the other side to your Laptop. Due to the fact, that the UC S10 has an integrated wireless access point, you now need to choose the right WIFI connection on your device and use the wireless screen sharing capability, to share your screen with the unit, while you also will be connected to the Internet via the UC S10's wireless access point

- #1) Under Network Setting on your device please go to network preferences and choose the WIFI of the UC S10 (it has its own SSID, i.e. MAXHUB UC S10, or whatever SSID you gave the unit during the setup procedure. The standard password is: 12345678 if you did not change it during the setup.
- #2) Now, please open your preferred screen sharing app (Maxhub Screen Sharing App or the WT 04 MAXHUB Dongle for Windows and Android or Airplay for MAC) and click "share screen", while you see the UC S10 (MSA 10) in the dropdown menu.
- #3) Now open your preferred VC app (i.e. TEAMS, ZOOM, etc.) and go to SETTINGS to choose your Camera, Mic and Speaker. Please choose UCS10 (MSA 10) for each of the fields.
Now you are ready to go and start your Video Conference, while the Audio Signal is coming thru the USB Cable, and the Video Signal is going thru the wireless screen sharing to the UC S10 and to the Display! Next time you will connect the USB cable from the UC S10 to your device, it will automatically recognize and set the appropriate Camera, Mic and Speaker fields to the UC S10.



UC S10 HOST Setup

Because the UC S10 has an integrated Android OS, it can also work totally independent as a Host, there is no need for any 3rd party HUB or NUC.

You can install all Video Conference apps into the unit and start your call directly from the device, only connecting a Display to it via HDMI. You can download and install the respective VC Apps like TEAMS, ZOOM, etc. from this link:

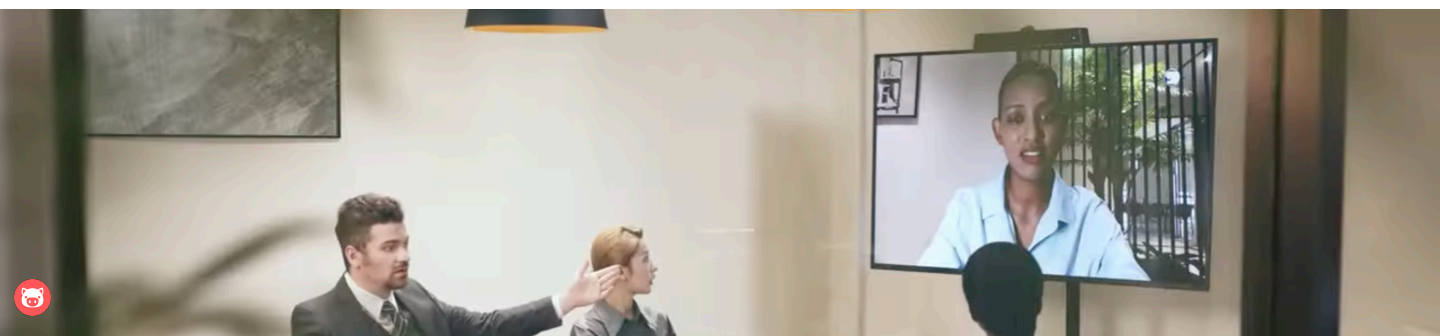
<https://cutt.ly/ucs10>

Please save these applications to a Flash drive and insert the drive into the USB connection of the UC S10. You can use the IR remote control unit to click on the FINDER button and install the apps on the UC S10. The IR remote will also be helpful to navigate between the different apps and enter text or digits, you can also use a 3rd party wireless mouse and keyboard (with USB Dongle), so the entry of data is much easier and faster. Also, a small 3rd party USB Hub can be convenient, so you have multiple USB ports on the unit, no need to change devices to connect to it. Due to the fact, that you can still use the wireless screen sharing app from the UC S10, it is very simple to connect your own device (Laptop, Tablet, Smartphone) and share the screen, as mentioned above.

Please use the MAXHUB WT 04 Dongle, if you want to connect Android or Windows devices.



Of course, some other applications using a HUB and a Display are possible with the UC S10. But there is also a chance to extend the Mic and Speakers of the UC S10 with another product from MAXHUB, the **BM21 Speakerphone**:





UC S10 + BM 21 Setup

The **BM 21 Speakerphone** from MAXHUB, can be used as stand-alone Speakerphone device, or can be connected to the UC S10, via the BT-Dongle, which is included in the box of the BM 21!

! Only works if you use the UC S10 in ANDROID mode, no USB cable connected !

! Please first connect the BM 21 BT Dongle to the UC S10 before turning power on !

It can connect either via Bluetooth, USB Cable or Audio cable and can be used for up to 8 hours in a conference, thanks to its integrated battery. Charging the device works via USB cable or wireless, using a 3rd party wireless charging device. Please see the manual for choosing the right product for wireless charging! There is no setup needed, the unit works out of the box after charging it.

It contains 6-microphones with 360° pickup pattern and a centralized loudspeaker, which allow an operating distance of up to 5 meters during a conference. For further description and technical data, please refer to the Manual of the BM 21.

To setup the BM 21, to use it with the UC S10, simply insert the BT Dongle into the UC S10 USB port. Turn on the UC S10 and then the BM 21. After the unit is ready, just push and hold the BT button for a second, and it will connect with the UC S10 via Bluetooth.

If you want to connect a second BM 21 for larger room applications, please **ONLY** use a special Audio cable from MAXHUB.



BM 21 Audio Cable



BM 21 Speakerphone

The Audio cable needs to be ordered separately and connects the two BM 21 units. Then both units will work as one, but only one of the units stays connected to the UC S10 via Bluetooth. Of course, you can also use two BM 21 with the special Audio cable and connect one of them via USB cable to your PC/Laptop. Please be aware, that the Microphones and the Loudspeaker of the UC S10 will NOT work, while any BM 21 is connected, only the Camera will still be in use. But you can extend the room size while doing this connection. If you have any further questions to the products or applications mentioned, or any issues with the setup, please contact your MAXHUB sales or support agent in your country.

Have fun with the MAXHUB products and a good success during your conferences!

your MAXHUB Team

