SAFETY INSTRUCTIONS

The full safety instructions are documented in the user manual. Download the user manual at www.avonic.com.

Important Precautions
This Product is NOT intended for use where failure of the device could lead to death, personal injury, or severe environmental damage.

- Be sure that you have COMPLETELY READ and UNDERSTOOD ALL information in this Manual before unpacking, installing, and using the Product. Keep the Manual in a safe place for future reference or download it from www.avonic.com.
- Failure to follow the SAFETY NOTES as described in this chapter could result in electric shock, injury, or damage to this Product or other property.
- Power this Product ONLY with the included cable and power adapter. Other adapters may not meet applicable safety standards, and could pose a risk of death or injury when connected.

Installation
This applies to the installation of the Product: The installation activities described should ONLY be executed by experienced technicians. The installation activities should NOT be executed by minors, mentally disabled persons or other persons not qualified to perform these tasks.

Handling
To prevent the risk of injury, take the following precautions when handling the Product:
- Handle the Product with care. It is made of metal, glass, and plastic and has sensitive electronic components inside.
- The Product can be damaged if dropped, burned, punctured or crushed, or if it comes into contact with liquid.
- If you suspect damage to the Product, do not use it, call a professional service technician.

Repair
Take the following precautions if the Product is damaged or malfunctioning:
- Don’t open the Product and don’t attempt to repair it yourself. Disassembling the Product may damage it or may cause injury to you.
- If the Product is damaged or malfunctioning, call it comes into contact with liquid, contact Avonic or an Avonic Authorized Service Provider.
- Repairs to service providers other than Avonic or an Avonic Authorized Service Provider may not involve the use of Avonic genuine parts and may affect the safety and functionality of the device. You can find more information about repairs and service at www.avonic.com.

Ventilation
To prevent the risk of life-threatening injury or damage to the Product or property, caused by electric shock or fire hazard due to overheating:
- Maintain adequate ventilation by NOT installing the Product in a bookcase, built-in cabinet or any other confined space.
- Ensure that curtains or any other material does NOT obstruct the ventilation.

Atmospheric Conditions
To prevent the risk of injury or damage to the Product or other property caused by a potentially exploitable atmosphere:
- Do NOT use this Product in an area with a potentially exploitable atmosphere, such as areas where the air contains high levels of flammable chemicals, vapors, or particles (such as grain, dust, or metal powders), may be hazardous.
- Exposing the Product to environments having high concentrations of industrial chemicals, including near evaporating liquidized gases such as helium, may damage or impair the Product functionality.
- Obey all signs and instructions.

Operation
This applies to the operation of the camera:
- The operational activities described in this Manual should ONLY be executed by people with enough technical knowledge to perform the activities in a safe manner.
- The Product is specifically developed for video conferencing/streaming via internet by companies, institutes and universities. It is NOT meant for private use in the residential area.
- This Product should ONLY be used indoors.
- This Product is NOT a medical device and should NOT be used as a substitute for professional medical judgment. It is NOT designed or intended for use in the diagnosis of disease or other conditions, or in the cure, mitigation, treatment, or prevention of any condition or disease. Please consult your healthcare provider prior to making any declarations related to your health.

Power Adapter
To prevent the risk of life-threatening injury or damage to the Product or other property caused by electric shock or fire hazard:
- Power this Product ONLY with the included cable and power adapter. Other adapters may not meet the applicable safety standards. They could pose a risk of death or injury when connected.
- Do NOT use damaged cables.
- Do NOT power the Product in a moist/wet environment.
- Before you power the Product, ensure the cable is fully inserted into the power adapter.
- Plug the power adapter directly into a power outlet.
- Do NOT use the power adapter of a moist/wet location.
- Do NOT connect or disconnect the power adapter with wet hands.
- Keep the Product, cable, and power adapter in a dry and well-ventilated area when in use.
- Ship using the power adapter and any cables if any of the following conditions exist:
  - The power adapter plug or prongs are damaged.
  - The cable becomes frayed or otherwise damaged.
  - The power adapter is exposed to excessive moisture, or liquid is spilled into it.
- The power adapter has been dropped, and its enclosure is damaged.

For The CD500 and Teacher Tracker Module

www.avonic.com
1. Unbox
Unbox the CD500. Contact Avonic if the package and/or its content is damaged. Be gentle with the CD500.

2. Install the CD500
Install the cameras to the MT220 mount using the supplied screws. Download the MT220 manual at the accessories page on the Avonic website.

3. Connect the CD500
- Connect the two cameras using CAT6a cables to the camera ports on the CD500. For video output you need to connect a HDMI cable.
- Connect your computer to the CD500, configure your ethernet adapter to network segment 192.168.5.xxx.

4. Configure cameras
- Turn on the first camera and configure its network settings according to your local network. Do the same for the other camera.
- Set both camera’s exposure and white balance to match the circumstances in the room.
- Take note of the two IP addresses of the cameras, you will need them during the installation of the CD500 and Teacher Tracker.

5. Configure CD500
- Open a browser and navigate to the CamDirector’s default IP address: 192.168.5.50.
- Login using the following credentials:
  Username: admin Password: admin
- Navigate to System > Settings and setup the network settings to your preferences. Add the IP addresses of both cameras. Also check if your license has been activated.
- Save the changes and reboot the CD500, this will take a couple of minutes. Upon reboot the CD500 will display its IP address on the HDMI output for one minute.

6. Configure software (calibration)
Calibration is needed for the CamDirector® software to track a person in front of the camera. Follow instructions below:
1. Navigate to the Teacher Tracker > Calibration. You can do the calibration by yourself, but it is recommend to do it with two persons, one behind the computer and one person on stage.
2. Click Start Configuration, follow on screen instructions. The calibration is done when the Tally lights on the fronts of both cameras are solid green.
3. Navigate to Teacher Tracker > Info. Enable the teacher tracker slider.
4. Navigate to Teacher Tracker > Audience and follow the on-screen instructions to set the Audience Exclusion zone.
5. The initial setup is done, you can close the WebGUI. The CamDirector® is operational. Note that the overview camera is stationary. Only the follow camera will follow the teacher. Note also that any change made to the camera after calibration, require re-calibration of the Teacher Tracker.

7. Complete Manual

8. Support Website
We’ve created a knowledge base in which you can find frequently asked questions and interesting articles for you to read. This page also contains a quick way for you to submit a support ticket or give support a call. Add support.avonic.com to your favorites and you’re ready for every challenge that comes your way.

9. Contact
You can reach us by telephone +31 (0) 15 711 2712, WhatsApp for business +31 (0) 6 1600 9300 or via email support@avonic.com

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