



scolia

Scolia **Home**

USER MANUAL

www.scoliadarts.com

HARDWARE LIST

Scolia Home



Processing unit
1x



Camera holding legs
3x



Cover plate
1x



LAN cable
1x



DC cable with power on/off switch
1x



Power supply (12V, 2A)
1x



Cable clips
10x



Round head screws for the cover plate
2x



Black coarse threaded screws
11x



T-shaped support brackets
2x



Coarse threaded screws with rawl plugs
2x

HARDWARE LIST

Scolia Home with Spark



Processing unit
1x



Camera holding legs
3x



Scolia Spark
1x



LAN cable
1x



DC Power splitter cable with power on/off switch
1x



Power supply (12V, 5A)
1x



Cable clips
4x



Black coarse threaded screws
9x



T-shaped support brackets
3x

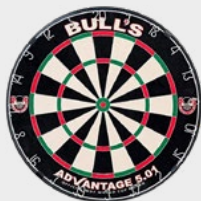


Coarse threaded screws with rawl plugs
3x



NOT INCLUDED COMPONENTS

This package does not contain the **dartboard surround** and the **dartboard**, which are all essential parts of the complete auto-scoring steel darts system.



ASSEMBLY VIDEO

Check the following step-by-step instructional video for further help!



IMPORTANT!

Do not expose the product to direct sunlight or hot surface!

Do not operate the product for more than 12 hours per day!

Do not connect any power supplies to the processing unit other than the one in the packaging!

In the unlikely event of the product causing harmful interference in domestic products, users are required to correct the interference at their own expense.

FREQUENTLY ASKED QUESTIONS

Do I need special dartboard or special darts set to use it?

No, you can use your regular dartboard and darts set with Scolia. Scolia is compatible with the products of all the major dartboard manufacturers. Note that the image processing algorithm expects the dartboard to have standard dimensions, traditional colouring and to be equipped with the **traditional metal number ring**. It is recommended to avoid using dark-coloured barrels, shafts and flights for better accuracy.



* The majority of our users do not experience any problems with the **Winmau Blade 6 Triple Core** and the **Unicorn Eclipse Pro** boards. However, if you do experience calibration issues, please try **replacing the number ring** only with a traditional metal ring.

Is wired internet connection necessary?

Yes, the Scolia processing unit requires wired internet connection to operate. If taking a LAN cable to your dartboard is problematic, we highly recommend using a powerline adapter. Using these adapters, you can easily provide high-speed wired internet connection to your Scolia system without drilling through the walls or the ceiling.

Can I use other light surrounds for Scolia Home?

Scolia Home is designed for the Scolia Spark light surround. The system is also compatible with the Bull's Termote 2.0 light surround. Other light surrounds (such as the Target Corona or the Winmau Plasma) are not supported, but based on user feedback, the system performs well with them in most cases.



TIPS FOR HIGHER ACCURACY

- **Mount the Scolia system on a solid wall (preferably brick or concrete)!**
- **Make sure not to move accidentally the Scolia Spark light surround and the camera-holding legs when removing the darts from the dartboard!**
- Avoid using dark-coloured barrels, shafts and flights!
- Sharpen your darts regularly to minimize the number of bounce-out throws!
- Stabilize your dartboard using wedges or other equipment!
- Do not use flash photography and do not block the field of view of the cameras!



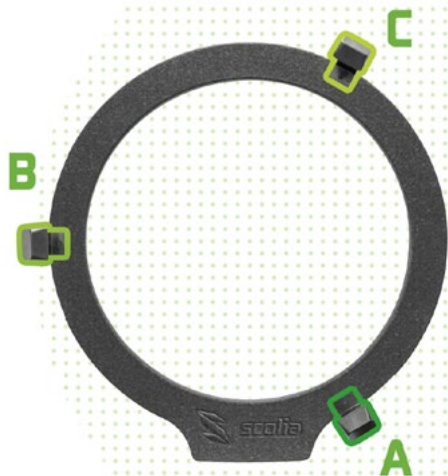
For more frequently asked questions, visit <https://scoliadarts.com/faq/>

INSTALLATION

STEP 1

Attach the cameras

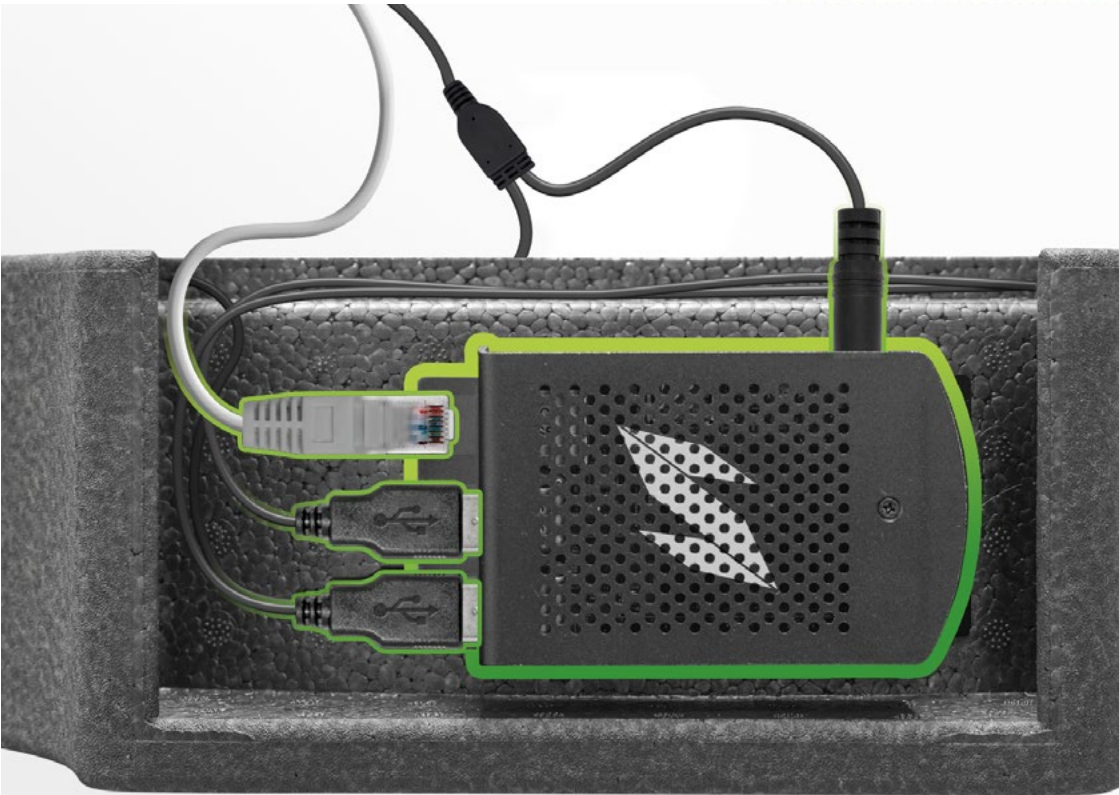
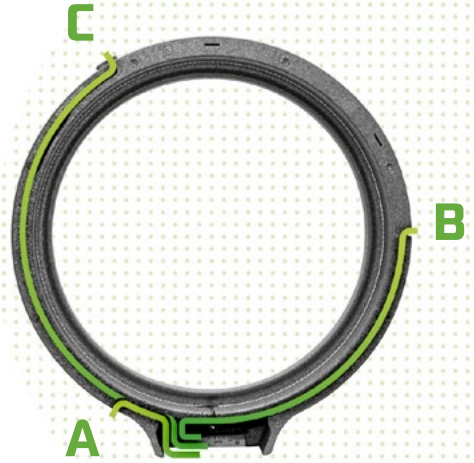
Attach the three camera-holding legs (**Leg A**, **Leg B** and **Leg C**) to the corresponding places, using three black screws for each leg.



STEP 2

Cable management

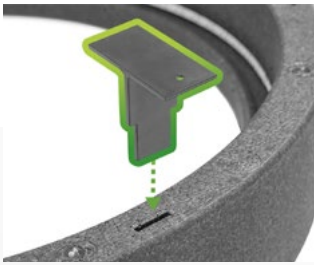
Hide the USB camera cables using the engraved channels at the back side of the Scolia Spark light surround. Plug in the USB plugs into the processing unit. You can use the black cable clips to secure the USB cables to the Scolia Spark light surround.



STEP 3

Hang the system on the dartboard surround

Insert the T-shaped brackets into the corresponding slots at the back of the Scolia Spark light surround. Hang the system on the dartboard surround.



STEP 4 - OPTIONAL

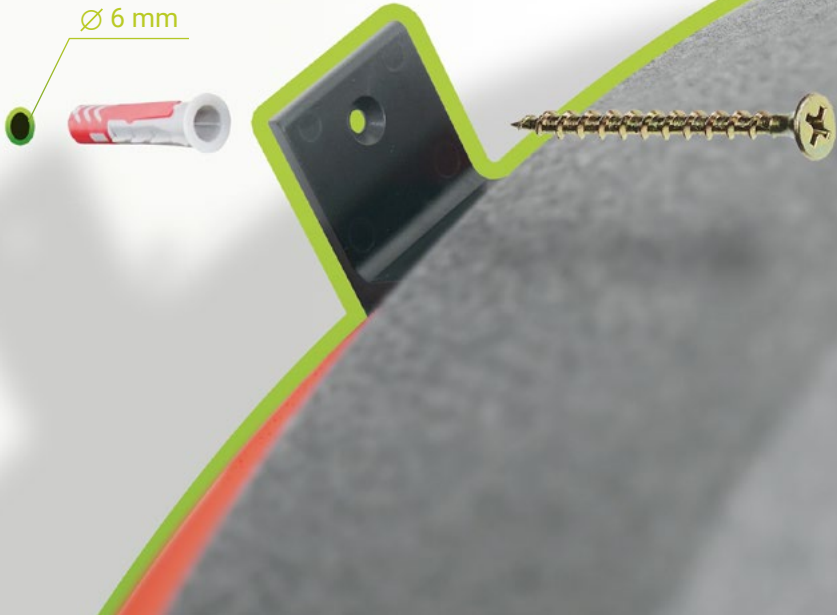
Attach the system to the wall

Mark the holes of the T-shaped brackets. Drill the holes, insert the rawlplugs and attach the Scolia Spark surround to the wall using the T-shaped brackets and the coarse threaded screws. The Scolia Home system is now in a stable position.



NOTE

We highly recommend executing this step to provide enhanced stability for your system.



STEP 5

Start up

Plug in the power supply and the LAN cable to the processing unit and turn the system on.



INSTALLATION ON THE BULL'S TERMOTE LIGHT SURROUND

If you would like to mount the Scolia Home system on your Termote light surround, you should follow the same steps as above. You can use the cover plate to provide protection for the processing unit.



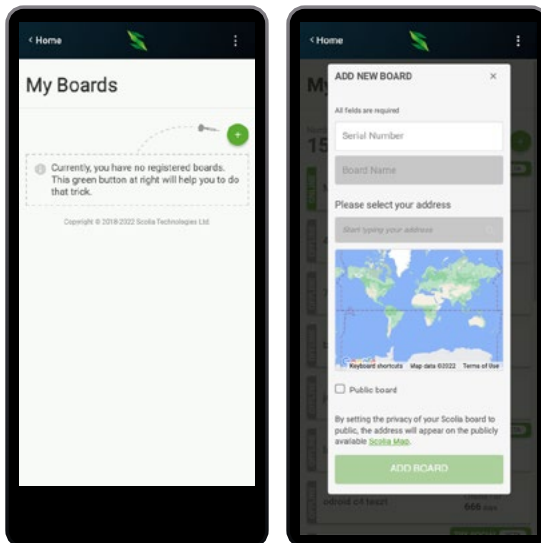
SYSTEM SETUP

STEP 1

Board Registration

Register your board at game.scoliadarts.com.

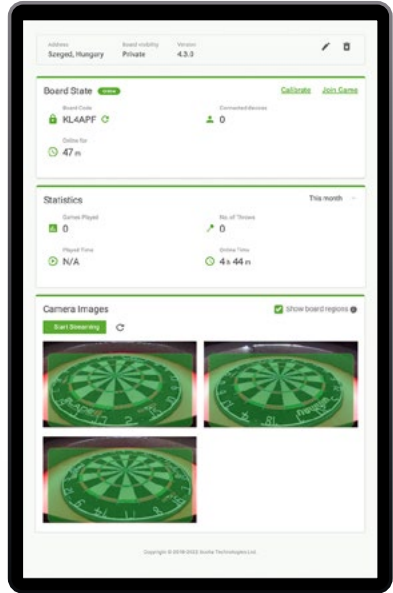
1. Create an account or use your Google/Facebook account to make the registration process even simpler.
2. Once logged in, select the **My Boards** option and click on the **Add new board** button.
3. Enter the following Serial Number:
4. Add board information. Name your board and enter the town/city where you use it.
5. Finalise the process by clicking on the **Add board** button.



STEP 2

Camera alignment

Once you have registered your board, turn on the processing unit and the LED light. Use the streaming button on the **My Boards** page to see your real-time camera images.



Align the cameras in such a way that the green areas cover the dartboard's image completely.

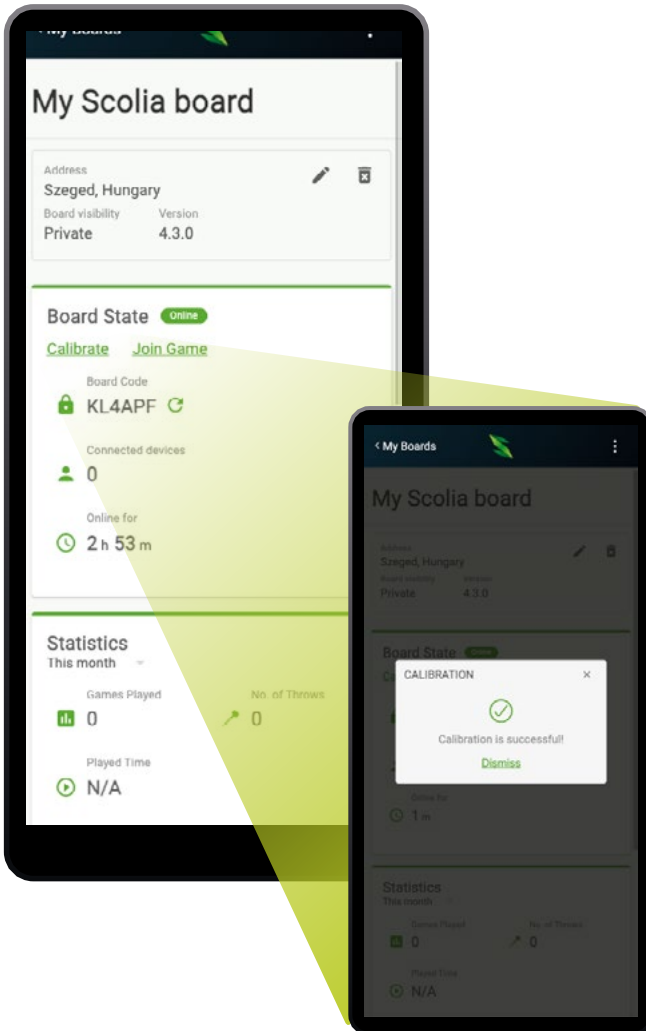


Once the cameras are in their appropriate positions, tighten the screws at the hinge joint, so that they remain fixed.

STEP 3

Board Calibration

Press the calibrate link and wait until the system calibrates itself. Once the system is calibrated, you can start playing!



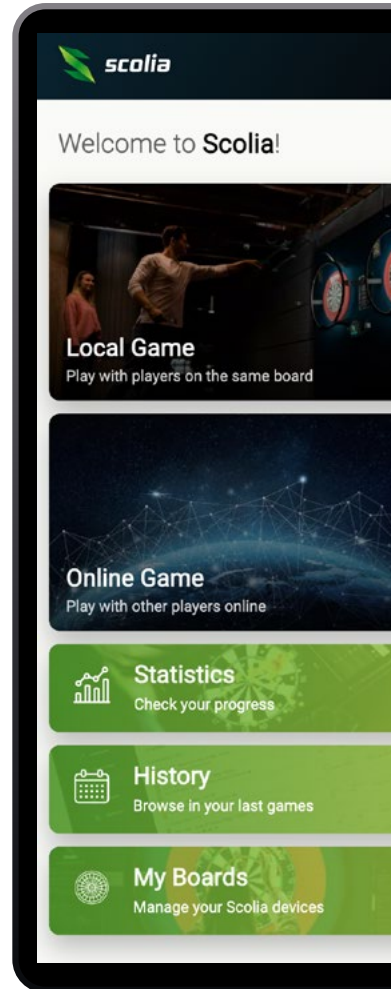
START A GAME

Start a local game

1. Open **game.scoliadarts.com** on your smartphone, tablet or PC.
2. Once logged in, choose the **Local Game** option on your dashboard.
3. Use the **Quick Join** functionality to join your board with a single click, or enter the 6-character board code of the Scolia board you would like to join. The board code for Scolia Home systems can be found at the **My Boards** page.
4. Configure the game, enter the name of the players and start the game!

Start an online game

1. Open **game.scoliadarts.com** on your smartphone, tablet or PC.
2. Once logged in, choose the **Online Game** option on your dashboard.
3. Use the **Quick Join** functionality to join your board with a single click, or enter the 6-character board code of the Scolia board you would like to join. The board code for Scolia Home systems can be found at the **My Boards** page.
4. Once you have joined the lobby, pick an opponent and send an invitation to start a game or accept any invitations that you receive!



TROUBLESHOOTING

My board does not seem to be online. What should I do?

Check the LAN cable and make sure it is properly connected to the processing unit and your network device.

The status of the board is CAMERA ERROR. What should I do?

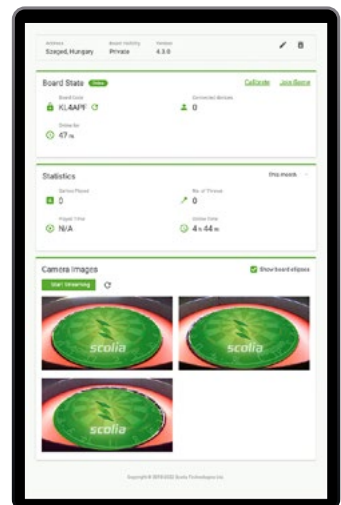
Check the USB cables of the cameras, and make sure they are properly connected to the processing unit. Restart the system by turning it off and on again after a few seconds.

The status of the board is CALIBRATION ERROR. What should I do?

The environment of the dartboard must be clear on start-up. The automatic calibration process fails to execute if one or more objects partially or fully cover the segments of the dartboard. Once you remove every object that can potentially block the view of the cameras, restart the system. The owner of the Scolia system can monitor the camera images on the **My Boards** page of the web application.

The system makes too many mistakes. What should I do?

Try to recalibrate your system by pressing the **Calibrate** link on the **My Boards** page or turn your device off and on again after a few seconds. Make sure the environment of the dartboard is clear during the calibration process and that the dartboard images are as close to the green ellipses as possible.



How can I check the images of the cameras?

1. Visit **game.scoliadarts.com** and log in to your account.
2. Go to your **My Boards** page, and pick the Scolia system you are interested in.
3. If your Scolia system is online, you can see the still images of the cameras. You can refresh the images at any point by pressing the **Refresh** icon or the **Start Streaming** button.



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DO YOU NEED ANY HELP?

Find more information on scoliadarts.com/faq

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