



# PASKAL 3D Version 4.0 with PASKAL N module

## Installation instructions




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## 1 Installation preparations

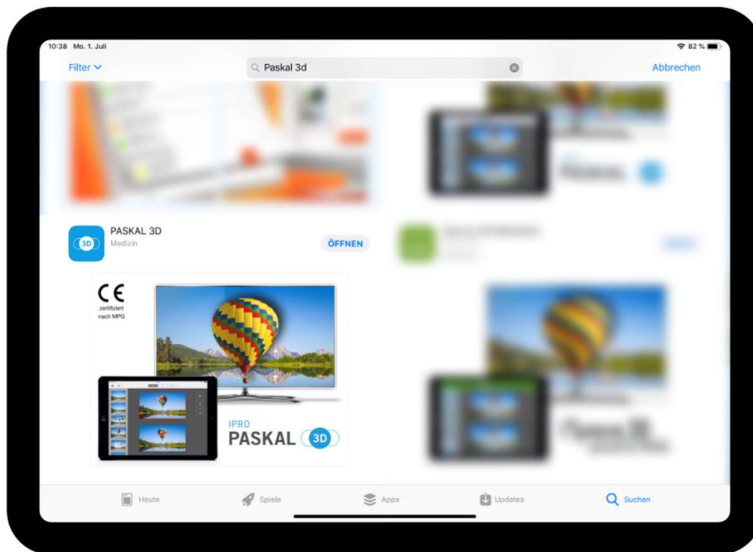
To use PASKAL N you will need:

- Your access data for the PASKAL 3D license
- The password for your Apple ID
- Module activation PASKAL N (add on to the basic license) >> is prepared on IPRO's part
- An Apple TV 4 / or 4K
- Two iOS 12 – compatible iPads  
(one for controlling and one for displaying the tests for the patient)
- A 3D-TV with circular polarisation

- The new PASKAL 3D App from the App Store  , even if you already have the “old”

 PASKAL 3D App! **Price: 23,99 €.**

1. Go to the App Store on your iPad and search for “PASKAL 3D“



2. Purchase and install the App. Please follow the instructions shown on the iPad.
3. We recommend that you use the same Apple ID for all Apple devices that you wish to use for PASKAL 3D, i.e. Apple TV and iPads. In this way you will only have to purchase the App once. On the other devices you will then find the PASKAL 3D App in your purchases.  
Then, install the PASKAL 3D App also on your Apple TV and the other iPads.
4. After installing the new PASKAL 3D App on all Apple devices, you will have to register the app. To do so, you will need the user name and password of your PASKAL 3D license (usually these are your Dr. IPRO access data).

Registration is done directly via the Apple TV. Step by step instructions can be found here:

<https://help.paskal3d.com/benutzerhandbuch-paskal-3d/#registrierung-und-freischaltung>

5. After a successful registration, you should confirm the basic settings, i.e. refraction distance, monitor size etc. in your iPads.

A new feature is the “Multi-device mode”, which is automatically activated in the new App during installation, as it is required for the PASKAL N module. We recommend to deactivate Bluetooth to extend battery performance of your iPads.

6. Self-compiled test series have to be newly created in the new App. We recommend the following procedure:

- Start the “old” App on your iPad and on the Apple TV and connect the devices.
- Go to “Configure test series”.
- Make screenshots to record your test series. Depending on the iPad model year, press “Home + On/Off” buttons simultaneously, or “On/Off + Volume Up” on a newer iPad which doesn’t have a home button anymore.
- Close both “old” apps and start the new apps. Connect the iPad to the Apple TV. From the menu

select ●●● > “Configure test series” 

Put your own test series together here. A detailed description can be found here:

<https://help.paskal3d.com/benutzerhandbuch-paskal-3d/#eigene-testreihe-anlegen>

- You can define the type of optotypes and the start visus for every test in the new app:  
<https://help.paskal3d.com/benutzerhandbuch-paskal-3d/#optotypenart-fuer-eigene-testreihe-festlegen>
- All further info about using the app can be found in the user manual at <https://help.paskal3d.com>.  
The user manual can also be called up directly in the app: click on “Menu” ●●● and “Help” ?. To call up the website, your iPad requires an internet connection. In section 3, you will find all info on using the app. Direct link:

<https://help.paskal3d.com/benutzerhandbuch-paskal-3d/#paskal-3d-erlebnisrefraktion-grundlagen>

## 7. READY!

Connect controlling iPad with ATV... and here we go!

## 2 Information sheet for transferring the basic settings

These basic settings should be done on each iPad which are used to control the Apple TV.

1. Refraction distance in metres \_\_\_\_\_

*In the old app under: Settings > Distance*

2. Screen size in inches \_\_\_\_\_

*In the old app under: Settings > Size/Resolution*

- ### 3. 3D Mode

*In the old app under: Settings > Size/Resolution*

- #### 4. Mirroring

*In the old app under: Settings > Distance*

Activate mirroring On / Off

Welcome screen                      On / Off

5. Multi device mode                      On / Off

*In the old app under: Settings > Connection*

6. VA coupling
- On / Off

*In the old app under: Settings > Basic Settings*

### 3 Further important information

After installing and registering the new PASKAL 3D App, a transitional period of 4 weeks begins. During this period, you can get used to the new PASKAL 3D App.

You can also use the “old” PASKAL 3D app as usual during this period.

As soon as you have got used to the new app, we recommend that you delete the “old” PASKAL 3D App from your devices.

To guarantee a smooth workflow with PASKAL 3D during this period, we would like to add a few important notes:

- After installing the new app, there are two PASKAL 3D installations on your system. The advantage is that you can continue working with the old version for a little while. However, the disadvantage is that there may be connection problems if a second version of the app is running in the background. Therefore, please make sure that you close the apps correctly and only work either with the old or the new one at the same time. A detailed description on how to start and close the apps correctly can be found here:

<https://help.paskal3d.com/benutzerhandbuch-paskal-3d/#am-ipad>

- We recommend that you always start the app on the Apple TV first, and then on the iPad. You can recognise the new PASKAL 3D App on the iPad and Apple TV by its new app icon:



Now we wish you a lot of fun with the new PASKAL 3D App and many happy customers!