



Press release

**AstronSCIENTIFIC & APM TELESCOPES presents the
ROTARION & ROTARION AutoFocus accessory,
The First Universal Automatic Eyepiece Wheel & the First Parfocal AutoFocus in
AME 2016 at Schwenningen-Willingen, Germany.**

Barcelona, September the 7th 2016

For the occasion, AME astro-expo 2016 in Schwenningen-Willingen-Germany-E.U., the Barcelona-Spain-E.U. based corporation **AstronSCIENTIFIC** in collaboration with its Authorized Dealer, the prestigious firm **APM TELESCOPES** based in Saarbruecken-Germany-E.U., will present the world premiere of the newest accessory for **ROTARION** users. The **ROTARION AutoFocus** is the first truly and universal parfocal autofocus system compatible with all 1,25" eyepieces and to be operated automatically by the patented **ROTARION** Eyepiece Wheel, suitable both for visual and imaging users.

ROTARION is a universal automatic electronic system for changing eyepieces on telescopes of any kind, either controlled remotely with a computer through a user-friendly software, or controlled locally with a hand control unit. This way both, observers located next to their telescopes and also remote users with computer operated telescopes, will experience maximum ease of use. The system integrates an aviation aluminium alloy wheel with four high quality eyecups for four 1.25" eyepieces with adjustable extenders for each eyepiece cup. The **ROTARION** is equipped with electronics to manage precisely the automatic change of the eyepieces, aligning the chosen eyepiece with the optical axis of the telescope.

Although it may be used for visual observations due to the ease that provides the quick change of eyepieces without having to look in the dark for your next eyepiece, the **ROTARION** has an excellent application for astro-imaging: the **ROTARION Photo** accessory, so that the camera (any) is perfectly aligned with the chosen eyepiece. During the change of eyepieces the electromechanical shutter will move inward, then change the chosen eyepiece, realign it with the telescope's optical axis and finally move out the shutter locking the chosen eyepiece when the eyepiece change is completed. All automatically and without touching or manipulating the imaging equipment already mounted on the **ROTARION**.

-For demanding visual observers, a **ROTARION** wheel equipped with four high quality eyepieces, will easily exceed the performance of the best zoom eyepieces and without touching the telescope.

-For astro-imagers, a **ROTARION** offers the great advantage to quick change different eyepieces without touching the camera when imaging very different objects all in the same night: the eyepieces needed are different when imaging the Moon and Saturn, or the Orion Nebula and the Ring Nebula.

ROTARION AutoFocus is a universal automatic electronic autofocus system for 1,25" eyepieces of any kind mounted on the **ROTARION**, either controlled remotely with a computer through user-friendly software, or controlled locally with a hand control unit. This way both, observers located next to their telescopes and also remote users with computer operated telescopes, will experience maximum ease of use. The system integrates an aluminium electronic box that connects with a micro-USB to the **ROTARION** and to the user's electric motor with the included adaptor and connecting cable. The **ROTARION AutoFocus** is compatible with any standard motor focuser, either DC or Stepper. The **ROTARION AutoFocus** user only needs to select on the **ROTARION Remote Control** included software or on the **ROTARION Hand Control** unit their motor type and manufacturer and the system will upload automatically the parameters to control the motor focuser and after a simple training procedure of focusing the eyepieces at different distances, the system algorithm will calculate the relative offsets among eyepieces, so when the user focus any **ROTARION** mounted eyepiece, the rest of eyepieces become automatically parfocal when the eyepiece change command is ordered, ensuring maximum ease of use for the **ROTARION** users.

ROTARION AutoFocus is the latest accessory of great quality, performance, and easy to use for both astro-observers and astro-imagers alike, following the corporate maxima of **AstronSCIENTIFIC: Astronomy made easy**

Further information

<http://www.astronscientific.com/>

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