

The T&C handheld controller represents the complete control unit for Merlin/Orion heads. It's small and light like a cigarette pack.

Indeed it is a very small, firmware-operated computer. After connecting to the head it works immediately.

Using it the first time you need to type in the cameras and lenses you usually work with. 50 cameras and lenses – sensor sizes and focal lengths - can be stored. In the field you choose the device you want to use from the list - and that's it.

Then you tell the TC what you want to do: 1) shooting a sphere, 2) shooting a certain angle - like $75^\circ \times 45^\circ$ - or 3) shooting a rectangle image for which you can set a start-point bottom left and an end-point top right.

In all cases the TC computes every movement and position and fires the camera.

There's definitely no need to pre-define any kind of pattern for spherical shooting as example.

Pano-shooting can't be more simple - no net/notebook to carry around, no hazzle with Bluetooth- or W-Lan address and so on.

Firmware-updates come as e-mails to be imported via USB to the device.

The T&C connects to the head via a usual telephone-cable from 5cm to 15m and gets powered by the head's rechargeable batteries. (The cable is available everywhere in the world for a few bucks).

The "Merlin/Orion" head can be bought at: <http://www.teleskop-austria.at>

A reliable full functioning automatic panorama system consisting of a head, a camera rail, a camera trigger cable and a Handheld Controller can be bought for approx. 400 €.

For more detailed information about the Handheldcontroller please read the user manual here: [http://www.typeandcolour.de/Products/Handheldcontroller/Handheldcontroller UserManual \(Manual_Handheldcontroller_EN.pdf\)](http://www.typeandcolour.de/Products/Handheldcontroller/Handheldcontroller%20UserManual%20(Manual_Handheldcontroller_EN.pdf))