

Controller FC-02



Description

Frankonia developed a complete range of controllers offering very simple control of our positioning devices. In its basic version our controller FC-02 is able to control a turntable and 2 antenna masts (FAM 4 or FAM 6). The communication with the devices is made along a duplex optic fibre (optical bus).

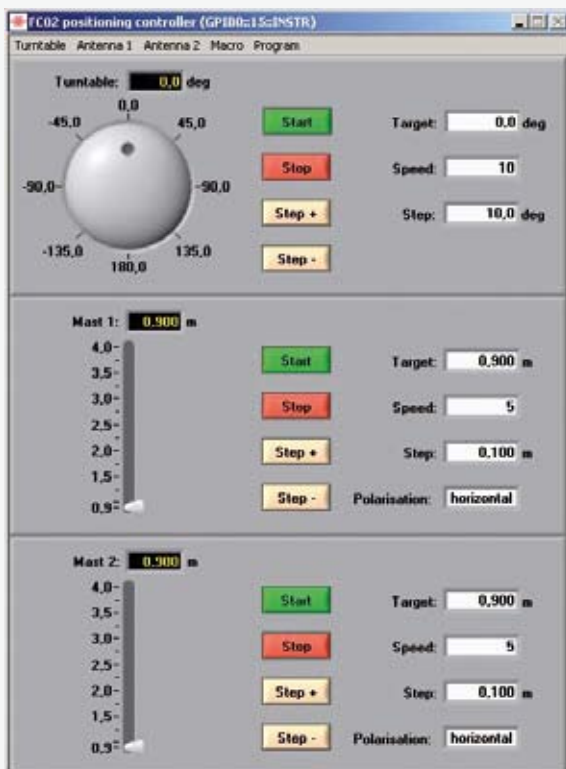
Main characteristics

- Able to control up to 15 devices
- Resolution 0.1°
- Frankonia optic bus system FSMA 660 nm
- Standard programming language SCPI
- Remote interface GPIB (IEE 488.2) and serial port RS232
- Flash memory (possibility to upgrade the firmware via the RS232 port)

Technical specifications

Rack	19" 1U
Weight	2.5 kg
Dimensions (L x W x H)	482.6 mm x 172 mm x 44.3 mm
Power Supply	115 / 230 V – 50 Hz / 60Hz
Frequency	50 Hz / 60 Hz

Application Software:



The application software of the FC-02 is running on Microsoft Windows®.

The Software has two main functions:

1. Real time display of each drive
2. Ability to control all devices via the optical bus

The software uses either the RS232 serial port or the GPIB interface for positioning information. It can be connected to the FC-02 controller for real time display or for controlling two antenna masts and one turntable.