

## Controller NCD<sup>V2.0</sup>

The Multiple Control Device NCD<sup>V2.0</sup> is suited for the operation of optionally up to 8 devices with multiple axis of motion. Those devices can be any combinations of antenna masts, turntables, cable guide rails or any other positioning equipment.

This controller NCD<sup>V2.0</sup> permits the operation in manual, semi-automatic and remote-control mode via IEEE 488.2 (GPIB bus) and Ethernet of multiple devices simultaneously.



### Technical Data

Ports	IEEE 488.2 (GPIB – Bus) and Ethernet
Transfer rate	100 Mbit/s (fast ethernet)
Transmission	Fiber optic cable
Display	7" Single Touch Display
Voltage	100 V – 240 V / 50 Hz – 60 Hz, single phase
Current consumption	max. 70 W
Fuse	2x T 1.6 A
Size in mm (W x D)	19" Rack mount and table unit (427 x 300)
Height	4 HE (177 mm)
Temperature range	5°C – 40°C
Total weight	10 kg
Accessories	1.5 m power supply cable Service manual

## **Brief description NCD<sup>V2.0</sup>**

The multiple control device NCD<sup>V2.0</sup> works with Agilent, R&S, Teseq and other software. The IEEE 488 (GPIB) is available as a standard interface device. Other interfaces available upon request.

### **User-friendly, time-saving function keys optional**

The function keys F1 to F4 allows the implementation of individual, customer-specific functions for user-friendly, times-saving handling and operation.

### **Error analysis based on error codes**

The error diagnosis is shown visually in the display. This can be sent to maturo's service department for a better analysis of the problem. (service@maturo-gmbh.de)

### **USB interface**

Updates easily implemented by USB stick  
Possibility to plug in a computer mouse and keyboard

### **Easy operation with touch panel**

Fast and reliable operability based on touch panel technology  
Layout of touch screen display can easily be adjusted according to customers' request

### **Real-time capable**

Each program cycle will be finished in the default time frame be no matter how many devices are controlled at the same time. Due to this feature, no overflow of commands can happen when using fast remote computers.

### **Handheld control unit optional**

Easy implementation of standard or customer-specific handheld control units possible

### **Precise Display Accuracy**

The display resolution is highly precise with position readout increments of 1 mm respectively 0.1 degree.  
Higher resolutions possible upon request.

### **PLC-Update**

It is possible to update the Software of the Controller easily via the USB port.  
maturo can provide a new boot project, if required, which can be copied to an USB stick.

Information presented enclosed is subject to change as product enhancements are made regularly.  
Pictures included are for illustration purposes only and do not represent all possible configurations.