

Controller NCD

The Multiple Control Device **NCD** 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 permits the operation in manual, semi-automatic and remote-control mode via IEEE 488.2 (GPIB bus), or optionally other interfaces, of multiple devices simultaneously.



Technical Data	
Ports	IEEE 488.2 (GPIB – Bus) and Ethernet (optional: USB, RS232, etc.)
Transfer rate	100 Mbit/s (fast ethernet)
Transmission	Fiber optic cable
Display	5.7" TFT touch screen
Voltage	100 V – 240 V / 50 Hz – 60 Hz, single phase
Current consumption	max. 70 W
Fuse	2x T 0.63 A
Size in mm (W x D)	19" Rack mount and table unit (427 x 300) (optional: tip-up carry handle)
Height	3 HE (133 mm)
Temperature range	5°C – 40°C
Total weight	8 kg
Accessories	1.5 m power supply cable Service manual

Brief description NCD

The multiple control device NCD 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

The function keys F1 to F10 allows the implementation of individual, customer-specific sequence programs for user-friendly, times-saving handling and operation. The individual programs can be stored and accessed by one function key.

Error analysis based on error codes

Diagnosis via USB interface possible

Optional analysis via internet and Ethernet interface possible

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

Position keys

With the position keys Up/DOWN, CW/CCW and VER/HOR the positioners can easily be moved in manual mode.

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

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.