

Quick installation

MSX-E1701

Intelligent Ethernet
Counter/digital I/O module

01.01 – 04/2007

The following leaflet informs you about the most important steps for easy commissioning of your Ethernet I/O module. Please find more detailed information in the delivered manual.

Overview



Connecting the Ethernet I/O module

After having read the safety precautions (yellow leaflet), connect your Ethernet I/O module as follows:

- A) Connect the functions (digital and/or counter)
- B) Connect the Ethernet cable to the Ethernet I/O module and the PC
- C) Connect the cable for trigger/synchro signals to the Ethernet I/O module (optional)

- Start your PC -

- D) Connect the current supply cable to the Ethernet I/O module and current source
- E) Check the status with the help of the LED display

- | | | |
|------------------|---------------------|--------------------------------------|
| Power On: | - lights green | = Current supply is OK |
| Port 0 ACT/Link: | - blinks yellow | = Ethernet cable connected to Port 0 |
| Port 1 ACT/Link: | - blinks yellow | = Ethernet cable connected to Port 1 |
| Status: | - lights green | = Module ready for work |
| | - lights yellow | = Module is booting |
| | - lights/blinks red | = Error during booting |

As soon as the Status LED lights green, you can start with the software installation.

Trigger/Synchro

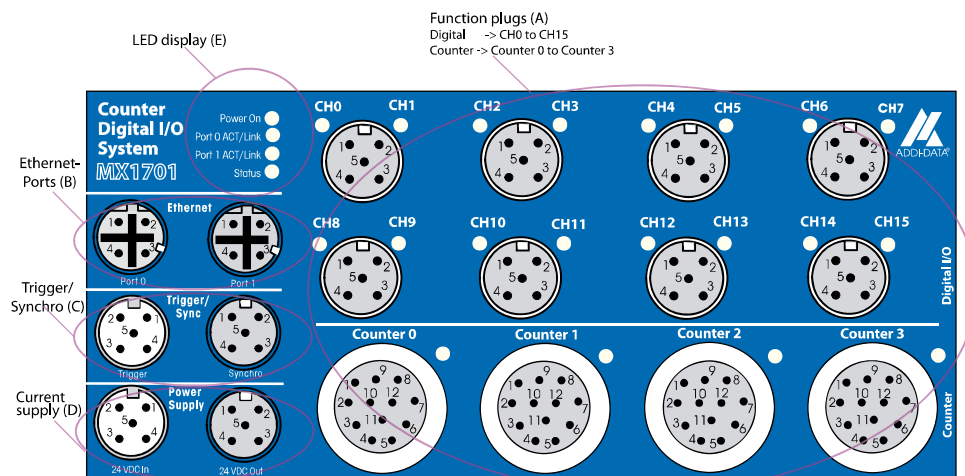
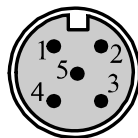
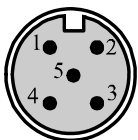
Trigger/Synch Out (female connector, 5-pin, M12)

- Pin 1: Trigger inp. - brown lead
- Pin 2: Trigger inp. + white lead
- Pin 3: Synchro + blue lead
- Pin 4: Synchro - black lead
- Pin 5: Ground grey lead

Current supply

Power Output (female connector, 5-pin, M12)

- Pin 1: 24 V brown lead
- Pin 2: 24 V white lead
- Pin 3: Ground blue lead
- Pin 4: Ground black lead
- Pin 5: Shield grey lead



Installing the software

After having connected the required components and having ensured the current supply, continue as follows:

- Install and start **SETMSXExxxx** (to be found on the delivered CD) and adapt there the IP address of the module to your network (see next page)

Option 1: Use with direct access

No further software installation: See technical description for further information

Option 2: Use with ADDIPACK*

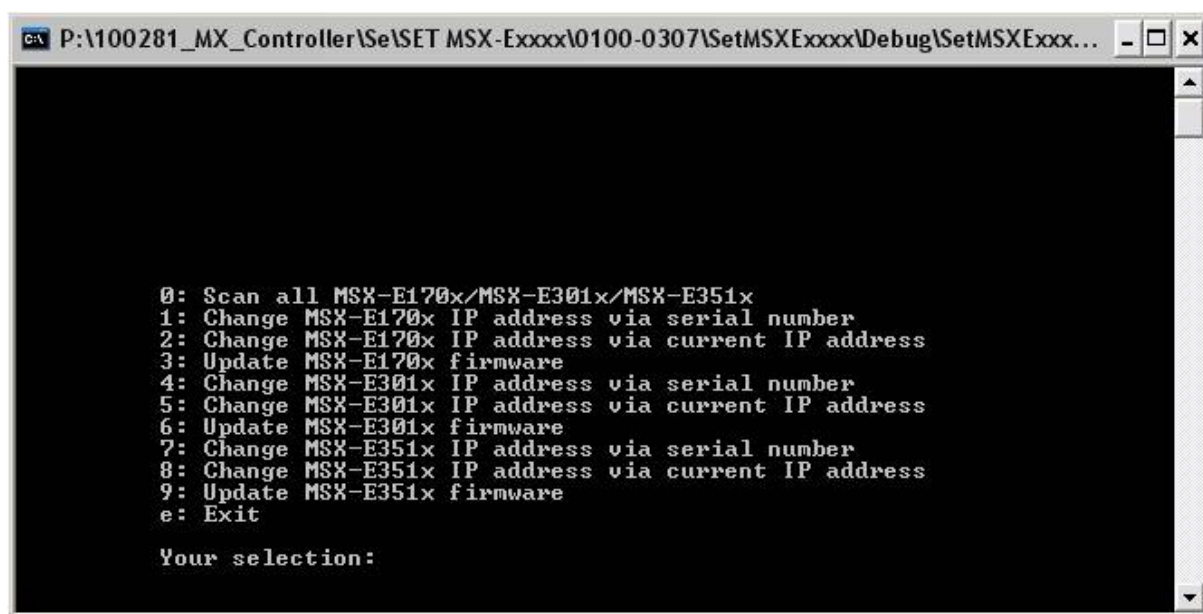
*At the moment the Ethernet I/O module cannot be used with ADDIPACK, only with direct access!

	Current version		Next version	
	Access with ADDIPACK	Direct access	Access with ADDIPACK	Direct access
Incremental counter	No	Yes	No	Yes
Digital I/O	No	Yes	Yes	Yes

SETMSXExxxx: Changing the IP address

The software tool SETMSXExxxx supports you in changing the IP address, scanning the modules and updating the firmware.

- Install and start SETMSXExxxx (is on the delivered CD)
- The main menu appears:



```
P:\100281_MX_Controller\Se\SET MSX-Exxxx\0100-0307\SetMSXExxxx\Debug\SetMSXExxxx...
0: Scan all MSX-E170x/MSX-E301x/MSX-E351x
1: Change MSX-E170x IP address via serial number
2: Change MSX-E170x IP address via current IP address
3: Update MSX-E170x firmware
4: Change MSX-E301x IP address via serial number
5: Change MSX-E301x IP address via current IP address
6: Update MSX-E301x firmware
7: Change MSX-E351x IP address via serial number
8: Change MSX-E351x IP address via current IP address
9: Update MSX-E351x firmware
e: Exit

Your selection:
```

For changing the IP address of your module **MSX-E1701** via the serial number please follow the following steps:

- As „Your selection“ please enter the number 0.

Now all modules are scanned and a screen with module information appears.

- Note the serial number of the selected module (to be found on the label on the back of your module)
- As soon as you are again in the main menu, please enter as „Your selection“ the number 1.

A new window appears.

- Here enter the serial number of the module and the new IP address.

Firstly, a Ping test is realized on the selected IP address to test whether it is not available.

After this the new IP address is set.

Should you have questions that you do not find in the manual or on our website (<http://www.addi-data.com>), please contact us by phone or e-mail.