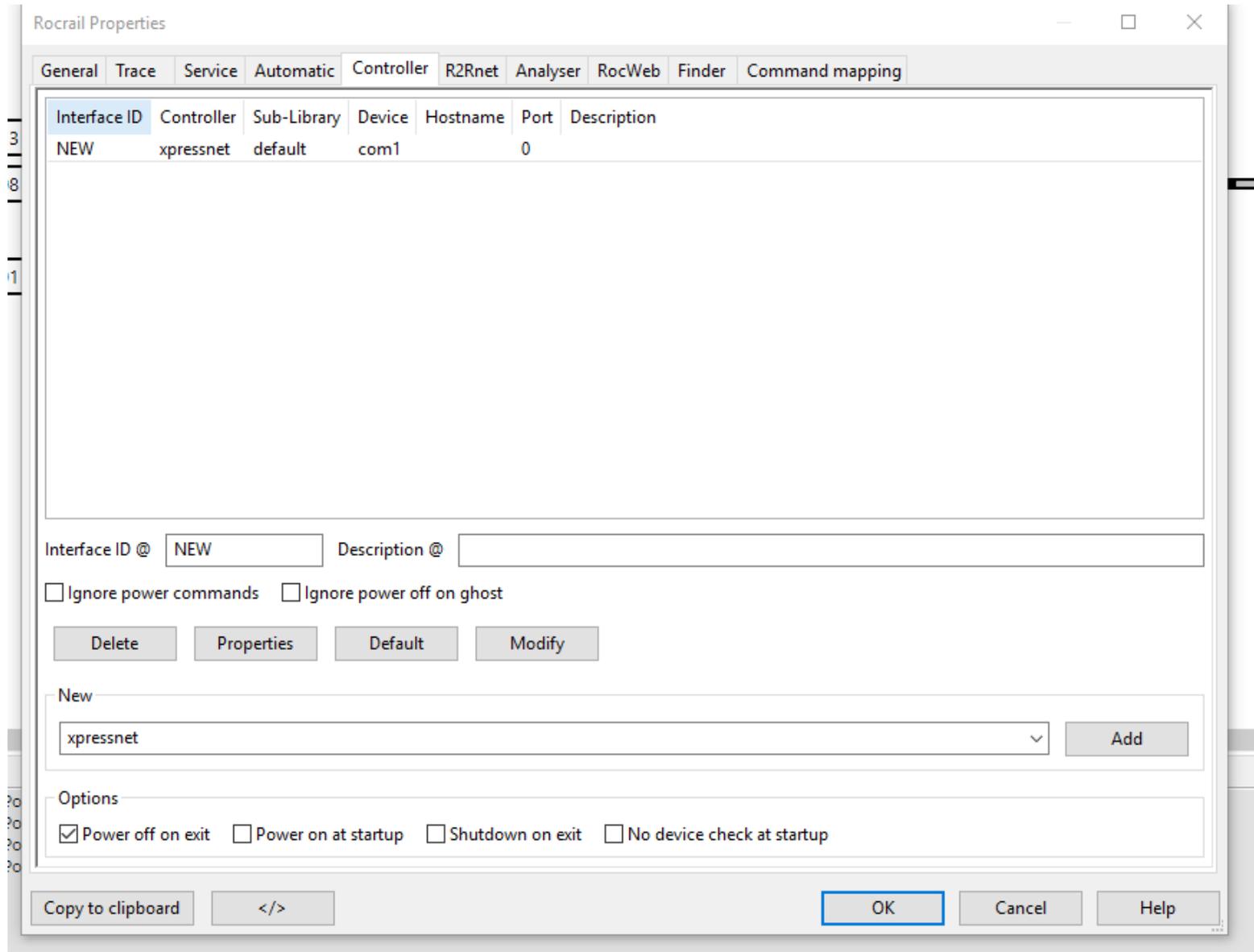


## Connecting DR5000 to Rocrail

### XpressNet Protocol

1. We launch Rocrail, in the File menu select Rocrail proprietress, in the opened window we pass to the Controllers tab.
2. In the New list, select the xpressnet protocol and click the Add button.



3. Click on the appeared line, in the opened window it is necessary to make the following settings.

Operating mode via USB

Interface ID - the name of the protocol in Rocrail, in this case DR5000\_XpressNet\_USB

Type - LI-USB

Device - Com port number, can be seen in the application DR5000 App, in this case COM3

Port – 5550



Press OK, restart Rocrail, the whole station is ready to go.

Operating mode by WIFI / Lan

Interface ID - the name of the protocol in Rocrail, in this case DR5000\_XpressNet\_WIFI

Type - LI-ETH

Hostname - the IP address of the station, can be seen in the application DR5000 App, in this case 192.168.1.155

Port - 5550

Rocrail Properties

The image shows a screenshot of the Rocrail Properties dialog box, specifically the XpressNet configuration window. The window is titled "XpressNet" and contains the following fields and options:

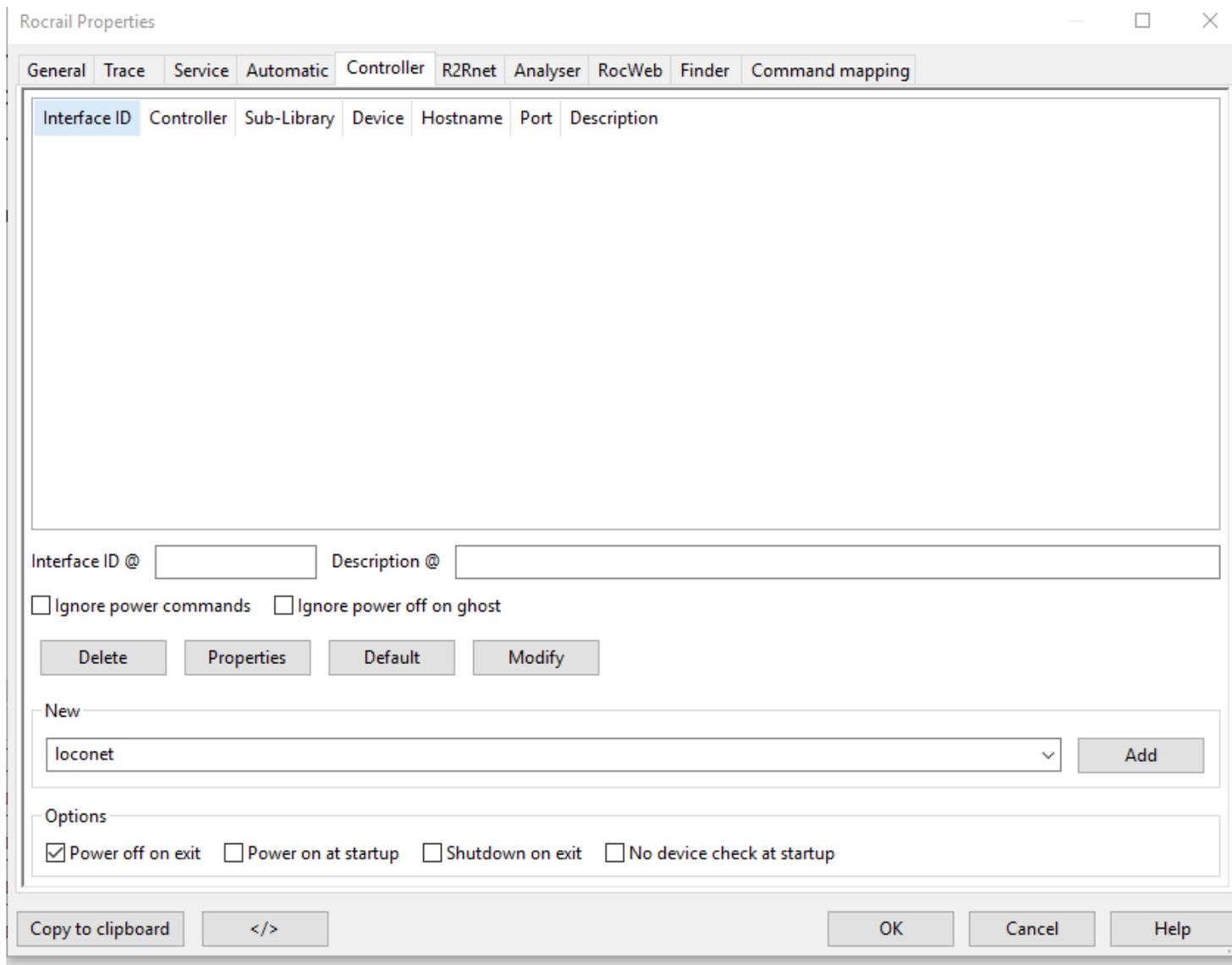
- Interface ID: DR5000\_XpressNet\_WIFI
- Device: COM3
- Hostname: 192.168.1.155
- Port: 5550
- Baudrate: 57600 (selected)
- Type: LI-ETH (selected)
- Options: Power on state for accessory commands (checked), V2 (unchecked), Switch time (ms): 250
- CTS Flow: CTS (selected)

The background shows a diagram of a DCC track layout with several locomotives and a physical Digikeijs DR5000 DIGICENTRAL DCC station. The station is a black rectangular device with various ports and buttons. The top row of buttons includes 100baseT LAN, ext88N IN, LocoNet B, LocoNet T, TRACK OUTPUT, XN + FB BUS, PB BUS, RS BUS, PROG TRACK, USB 2.0, and POWER 19VDC 3.5 Amp. The middle row features a bgi WiFi logo, a CONTROL panel with GO and STOP buttons, and an IR CONTROL button. The bottom row has a power button, a display showing "DR5000 - 5000A0000100", and several status LEDs for ROUTER, LAN, WiFi, ext88, L.NET, X-BUS, INFRARED, and USB. The station is connected to a track layout with several locomotives, including one labeled "11" and another labeled "07".

Press OK, restart Rocrail, the whole station is ready to go.

## LocoNet Protocol

1. We launch Rocrail, in the File menu select Rocrail proprietress, in the opened window we pass to the Controllers tab.
2. In the New list, select the loconet protocol and click the Add button.



3. Click on the appeared line, in the opened window it is necessary to make the following settings.

Operating mode via USB

Interface ID - the name of the protocol in Rocrail, in this case DR5000\_LocoNet\_USB

Type - LocoBuffer

Device - Com port number, can be seen in the application DR5000 App, in this case COM5

Bauderate – 57000



Press OK, restart Rocrail, the whole station is ready to go.

Operating mode by WIFI / Lan

Interface ID - the name of the protocol in Rocrail, in this case DR5000\_LocoNet\_WIFI

Type - LbServer

Hostname - the IP address of the station, can be seen in the application DR5000 App, in this case 192.168.1.155

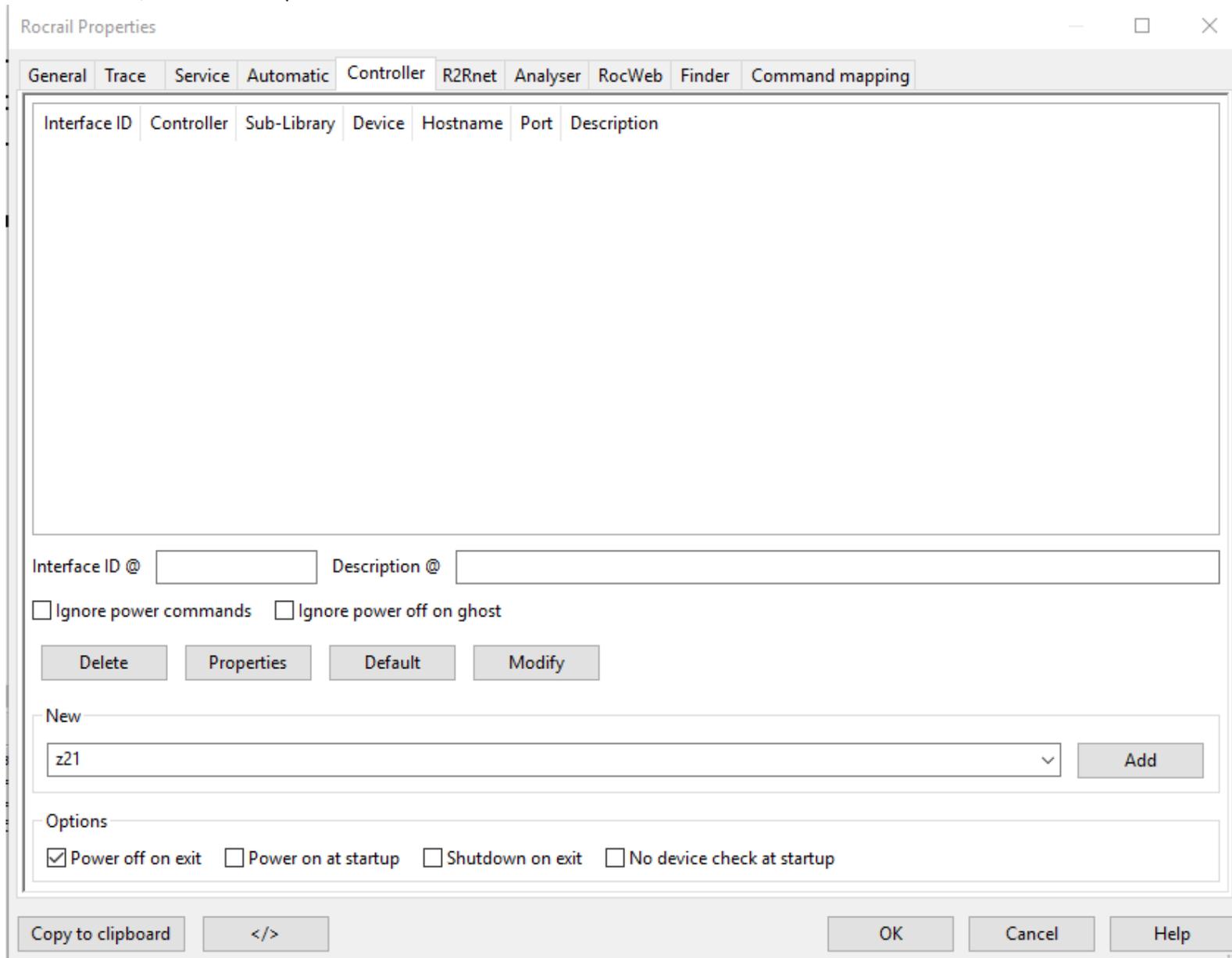
Port – 5550



Press OK, restart Rocrail, the whole station is ready to go.

## Z21 Protocol

1. We launch Rocrail, in the File menu select Rocrail proprietress, in the opened window we pass to the Controllers tab.
2. In the New list, select the z21 protocol and click the Add button.



- Click on the appeared line, in the opened window it is necessary to make the following settings.  
 Interface ID - the name of the protocol in Rocrail, in this case DR5000\_z21  
 Hostname - the IP address of the station, can be seen in the application DR5000 App, in this case 192.168.1.155  
 Port – 21105

The screenshot displays the Rocrail software interface with a configuration window for a Z21 interface. The window is titled "Z21" and contains the following settings:

- Interface ID: DR5000\_z21
- Hostname: 192.168.1.155
- Port: 21105
- Options:
  - Locomotives
  - Program FB: 0
  - Switch time (ms): 250

The background shows a physical DR5000 DIGICENTRAL station. The station is a black rectangular device with various ports and buttons. The top panel includes ports for 100baseT LAN, ext88 IN, LocoNet B, LocoNet T, TRACK OUTPUT, XN + FB BUS, PB BUS, RS BUS, PROG TRACK, USB 2.0, and POWER 19VDC 3.5 Amp. The middle panel features a CONTROL panel with GO and STOP buttons, IR CONTROL, and TRACK STATUS. The bottom panel has a power button, a display showing 192.168.1.155, COM5 and COM3 ports, and several status LEDs (ROUTER, LAN, WIFI, ext88, L.NET, X-BUS, INFRARED, USB, STATUS).

Press OK, restart Rocrail, the whole station is ready to go.