

# **Märklin Central Station Maintenance**

## **General**

### **A. Backup**

### **B. Restore**

### **C. Firmware Update**

#### **General:**

Connect the CS to a Router port.

The red (or yellow) led on the CS side must be illuminated constantly if the connection is in order.

Enter the Setup menu in the CS.

Enter the Network setup in the Setup menu.

The DHCP server assigns an IP address if the box has a check mark. (Make sure it has).

Take a note of the assigned IP address: 10.0.1.x

Check that Gateway holds 10.0.1.1 and Mask holds 255.255.255.0

Exit by tick mark.

Re-enter if no IP address was assigned in the first place.

On the browser address line type <http://10.0.1.x>.

Wait for the Märklin Menu screen to appear on the PC and displays Current Settings.

### **A. Backup**

Select Store Configuration from the Navigation Area.

Choose Store Settings in the control screen area.

Click Save in the File download pop-up window.

Browse to your-choice folder - press Save.

### **B. Restore**

Select Restore Configuration from the Navigation Area.

Browse to your-choice folder and select the backup file to restore.

Click Send. Wait for the message: File transferred successfully.

### **C. Firmware update**

Do a backup as per A. above.

Download the announced update file to your-choice folder from:

<http://www.maerklin.de/systems/index2.html>

Select Firmware update from the Navigation Area.

Search the downloaded update file from your-choice folder.

Pressing the Send button starts the update.

- Do not disturb the Central Station during the update --
- Wait for a normal shut down and start up of the CS (up to 15 minutes).
- Still wait for the message "Wait for Bus Device update" to appear/disappear from the screen.

Connect the MS to the CS and wait for "Wait for Bus Device update" to appear/disappear.

End.

#### Notes:

.. My PC/CS connection is via a router with DHCP using a "straight through" cable.

.. Direct connection to the pc nw card requires a "cross over" cable!

.. A v1 nw card has a yellow led instead of the red led on the v2 nw card.

.. If no DHCP is available, follow § 7.2.2 (page 41).

.. The IP, Gateway and Mask values may well differ in your system.