+chargepoint+

Network Integration Guide

Mennekes AMTRON Pro / AMEDIO Pro

Commissionning process

⚠️ Configuration access requires credentials provided with MENNEKES Comissioning Data Sheet (must be provided by the station owner)

❗ Simcard format if 4FF - micro-Sim. You might need a simcard cutter.

❗ Station software need to be 5.12.6 minimum

Install the simcard (if station uses 4G connection)

Fig. 12: Connections on the ECU

Item	Use	Connection / slot
1	SIM card	Micro-SIM
2	Configuration of the product	Micro-USB

1 AMTRON Professional
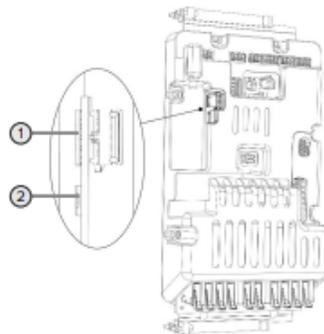
Fig. 14: Connections on the ECU

Item	Usage	Connection / slot
1	SIM card ▶ Use the slot on the **left-hand** ECU (AF1).	Micro-SIM
2	Configuring the product ▶ Use the connection on the **right-hand** ECU (AF2).	Micro-USB

2 AMEDIO Professional

Set up the station settings

> ⚠ You might have to validate RNDIS USB device installation and or to configure manually the IP address of the laptop. See Mennekes manual.

1. Access to browser configuration over micro-/Type A-USB or LAN connection

2. Enter IP http://192.168.123.123/ or the local IP address of the station (fixed or through DHCP)

3. Login with credentials from MENNEKES Commissioning Data Sheet

4. Go back to the main page and select the **Network** tab

5. Configure GSM connection if using 4G/LTE mobile network
   a. APN : **cp-onramp-1.m2m**
   b. Username : empty
   c. Password : empty
   d. Go to the bottom of the settings page and press "Save"

6. Configure LAN connection if using ethernet wired connection

7. Go to **Backend / OCPP** tab and fill in the following
   a. Enter unique MAC-ID you have on the MAC adress LABEL in the renetworking kit in field **OCPP ChargeBoxIdentity (ChargePointID)** <u>without colons</u> (example : 0224:B1FF:FFFE:0001 will be entered as 0224B1FFFFFE0001)
   b. Select **OCPP-J 1.6** as *OCPP Mode*
   c. Go to the bottom of the settings page and press "Save"
   d. Enter WebSockets JSON OCPP URL of the Backend : **wss://ocpp-eu.chargepoint.com/open/ocpp/j1.6**

      • ChargePointID is automatically added to the WebSocket URL
   e. HTTP Basic Authentication password is left empty
   f. Go to the bottom of the settings page and press "Save & Restart" and wait until station rebooted
   g. Check in "State" menu if mobile and OCPP connection to NOS is successfully established

> ⚠ Please make sure you add the MAC ID without colons !!

Pinpoint the station

Connect to o.chargepoint.com[1] or scan the QR Code on the CP-ONRAMP-ACTIVATION-STICKER.

Activate the station

Call activation support service for station activation.

1 http://o.chargepoint.com/

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ISED (formerly Industry Canada)

This device complies with the licence-exempt RSS standard(s) of Innovation, Science and Economic Development Canada (ISED). Operation is subject to the following two conditions: (1) this device may not cause interference, and (2) this device must accept any interference, including interference that may cause undesired operation of the device.

Cet appareil est conforme aux flux RSS exemptés de licence d'Innovation, Sciences et Développement économique Canada (ISDE). L'exploitation est autorisée aux deux conditions suivantes : (1) l'appareil ne doit pas produire de brouillage, et (2) l'utilisateur de l'appareil doit accepter.

Radiation Exposure Statement: This equipment complies with the IC RSS-102 radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with a minimum distance of 20 cm between the radiator and your body.

Énoncé d'exposition aux rayonnements: Cet équipement est conforme aux limites d'exposition aux rayonnements ioniques RSS-102 Pour un environnement incontrôlé. Cet équipement doit être installé et utilisé avec un Distance minimale de 20 cm entre le radiateur et votre corps.

FCC/IC Compliance Labels

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