A bit more details on the 2245/2255 sound level meter's network interfaces.

The three SLM network interfaces
The SLM has three TCP/IP based network interfaces:

- Wi-Fi
- USB-C
- USB2Ethernet adapter

Each of these interfaces has its own IP setup which may run in either Manually mode or Automatically mode (DHCP). The default setup, when shipped from factory, is Automatically mode.

The SLM has two setup pages for setting up network. They are both located under: Menu>System settings>Network settings:

- Wi-Fi settings: This page is for the Wi-Fi network interface only
- Ethernet settings: This is a page shared by the two cabled/Ethernet interfaces. The page will display the setup for the currently active interface, or zero-setup if none of the two interfaces is active.

WebXi is available on all three interfaces.

The Wi-Fi interface
The Wi-Fi interface supports two modes: Access Point/AP ("Act as hotspot") and Station/STA ("Connect to network").

The MAC address for this interface is unique and hardcoded into the SLM, i.e., it will always follow the SLM.

The USB-C interface
This interface is supplied through the USB-C socket at the bottom of the SLM and offers a TCP/IP connection on USB. The TCP/IP will in this case be emulated, but the application software cannot see the difference. A simple point-to-point USB cable between the PC and the SLM will therefore establish a TCP/IP network-based communicating link between the SLM and the PC.

The MAC address for this interface is unique and hardcoded into each SLM. It will always follow the SLM disregarding the USB connection.

The USB2Ethernet adapter interface

This interface is supplied through the USB-C socket at the bottom of the SLM and can be connected using a USB2Ethernet adapter.

The MAC address for this interface is the MAC address of the USB2Ethernet adapter, i.e., it will follow the adapter; not the SLM.

Note: In rare cases, the adapter being used does not have a MAC address. In such cases, the SLM will automatically generate a random MAC address for the interface. The MAC address for this interface will therefore not follow the SLM.