

Connecting radios all over the world

Mimer Vehicle Panel Custom designed operator panel



The picture shows a custom designed operator panel made for the Stockholm Metro trains. We can design and produce a panel of this type that will fit almost any vehicle operator needs and interface to various radio systems and other onboard systems.

For the Stockholm Metro the panel is designed to be connected to a Tetra PEI-port. It also connects to onboard computers and older legacy systems.

The train driver easily sets the line he is driving, the destination and how many cars there are in the train. All settings are made through the touch screen display. The settings both sets the destination signs on the train and the talk group on the Tetra terminal.

On the panel there is also a speaker, volume control, light sensor and alarm button. Tetra SDS:s can be read directly on the screen.

- Front panel of powder coated Aluminum
- Cabinet of steel (Zink/Aluminum plated)
- IP54 sealing of the front including speaker
- Industrial class touch display, scratch resistible and usable with gloves on
- Continuous rotary volume control
- Automatic light sensor and manual control of display light variable from very dark to very bright

Both hardware and software can be customized to fit any bus, train and any Tetra, DMR or analogue radio system.

Markets

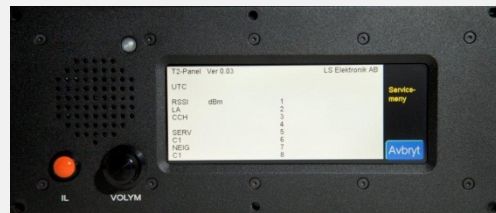
- Trains
- Light Rail
- Subway
- Buses
- Other heavy machinery



The panel is tested for compliance with EMC, shock, vibration and other environmental requirements. The front panel including the speaker is fully water proof.

Important to note is that all the mechanical layout can be changed to fit any train or bus and also the external connections to surrounding systems can be tailor made.

Please also note that there are no publicly available operating system (Windows, Linux or Android) eliminating the risk of hacking and viruses.



Examples of screen layouts



Message when alarm is pressed



Rear side of panel

In the Stockholm Metro the panel also handles PA announcements from the dispatch central to the train passengers. An SDS-message sets the audio path from the Tetra radio to the PA-system of the train.

Other built in functions include; service menu, log in menu, SDS in/out, light control, radio system status, alarm transmission etc.

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