

*Connecting radios all over the world*

## Mimer SoftLine Motorola MTM5500

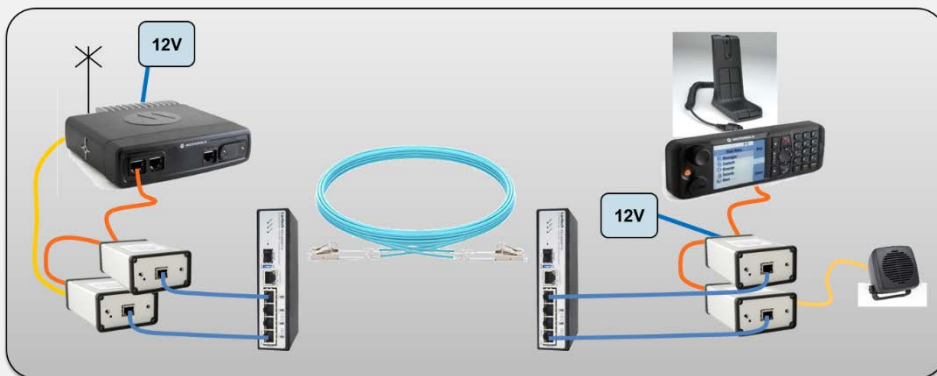
Some customers do not want to use computers at all for radio remote control. They prefer the standard control head. But in order to have a very long cable connection between radio and control head they need to go digital.

**Mimer SoftLine** will do this for them.

In this setup the Radio and the Control Head are connected both to Network Interfaces and to special Connection Units. Between the boxes, at each end, two IP connections are setup. These IP connections can be used over a LAN cable or over a fibre cable. The kit includes two LAN switches with fibre adaptors.

With a standard CAT5/CAT6 cable between the switches the distance can be up to 150m. With a fibre cable it can be many km's. With proper enhancers the distance can be even longer.

It is not recommended to connect this setup to a LAN that is used by other equipment. (And please note that the setup will not work over the Internet)



*Example of setup with Radio and Control Panel separated using fibre*

There are control rooms that are not allowed to use copper wire connections and not to use PC's for the radio dispatchers. Therefore the system is set up so that you can use a fibre connection between the radio unit and the standard control head.

## Markets

- Public Safety
- Defence
- Transportation
- Airports
- Offshore



## User example



A typical use is to have a locally installed Radio high up in a building and the Control Panel at the ground floor or even in the basement.

You can have a short antenna cable for low loss and get good coverage also when running in DMO or DMO-repeater mode.



Please also see our **Mimer SoftRadio** systems with PC software at the operator

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