



IRIS

Independent Radio & Intercom System



ROSE Simulation

INTRODUCING IRIS

IRIS is an independent communication system, which can be used in various contexts. The smart solution works with VoIP technology.

To set up **IRIS** you don't need any specific soft- or hardware. Simply plug in a headset, start the application and connect to other computers via the local network.

You may define different frequencies and telephone roles freely. The selection of roles and frequencies for every station can be done flexibly and easily.

Radio Com Options

IRIS offers the option to lock different frequencies (either „Talk and Listen“ or just „Listen“) and communicate with everyone on those frequencies via push-to-talk.

Define up to 16 different frequencies and lock any of them separately on each station.

Telephone

The **IRIS** telephone includes various options: You can call every single station that is connected via the network and communicate on permanent duplex lines.

For this you simply choose your telephone partner, ring this position and wait for him to pick up the phone. There is another option: In case of any urgency you can prioritize your call and establish a connection right away without any waiting. **IRIS** differs between a “Call” and a “Direct Call”.

The **IRIS** setup allows up to 36 different telephone roles. Each working position may select several roles at the same time. The multi-role concept allows a single user to act in different roles, e.g. as supervisor, fire brigade and airport authority from one position.

Talk to All

IRIS offers a unique “To All” functionality, which enables communication on a meta level, e.g. if the exercise supervisor wants to talk to all participants to inform them about the idea and progress of a combined exercise.

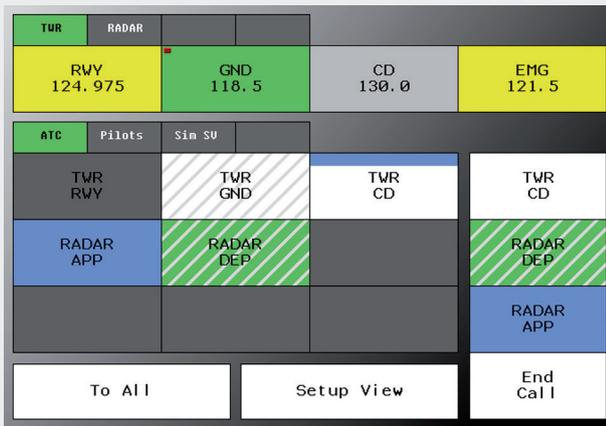
IRIS can be used in combination with **ROSE** and / or **AMOS**. The voice com module also works as a communication system for any other application or even stand-alone



A FEW FACTS AND FIGURES

Adjustable layout

IRIS is designed to work on a TID (frameless if needed) as well as a window application on your desktop. Both - the window size and button size - can easily be adjusted to fit any screen resolution. The button labels (frequencies and telephone roles) can be changed via the application frontend and saved as an IRIS setup file in order to reuse it in various contexts.



Configuration

At start-up, IRIS can be configured to automatically connect to other IRIS stations and select a number of frequencies and telephone roles right away. This way the effort for maintaining the application is reduced to a minimum.

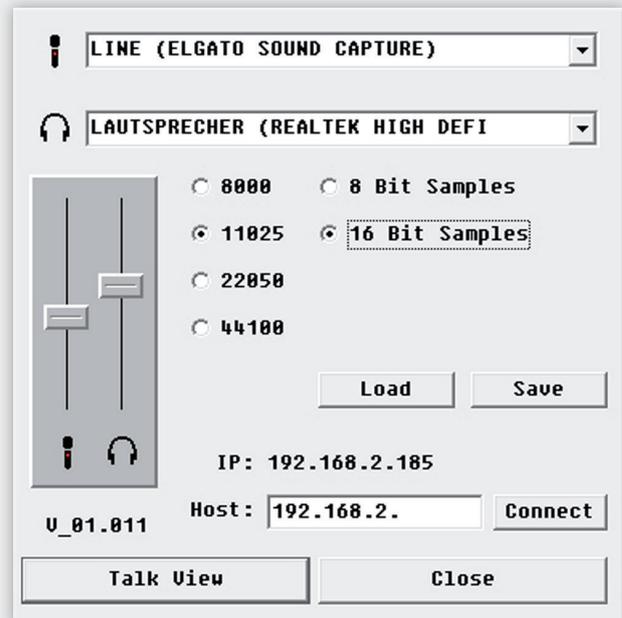
Adjustable transmission quality

- ▶ bit rate (8 bit or 16 bit)
- ▶ sample rate (between 8000 Hz and 44100 Hz)

Depending on the network bandwidth this can be a useful option.

Administration information

- ▶ Operating system: Windows 7 or newer
- ▶ Size of the installation package: 500 KB
- ▶ Push-to-talk works either with a joystick button (to be configured) or the ALT-key
- ▶ ROSE Simulation provides PTT-hardware on request.



If you have any questions
about our products
AMOS, IRIS, ROSE or **ELSA**
please get in touch.

We are glad to assist you.

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