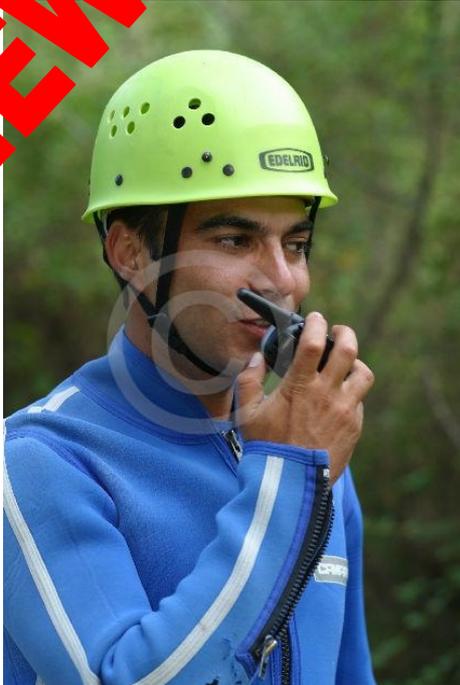


NEW



Microsport GmbH & Co.KG
Grüntal 10a
D-81925 München
Tel.: +49(0)89 307 255 99
Fax: +49(0)89 307 255 98
info@microsport.de
www.microsport.de

MICROSPORT TEAM-COMMUNICATION

The new **Microsport Team-Communication** is the safest and highest quality communication system for a group of users.

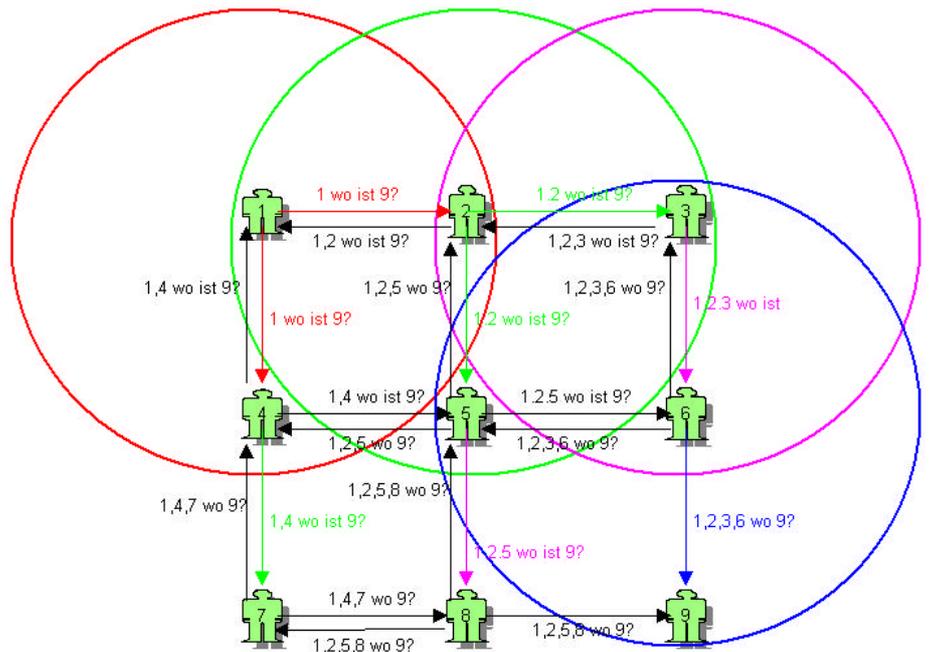
The **Microsport Team-Communication** offers **full-duplex** transmission of speech and/or data with a **repeater function**. This means all users can – unlike in the common walkie-talkie systems – **speak and listen at the same time** like on a phone. The **repeater function** allows you to reach far away users. Therefore the network is establishing a transmission chain between the users to the team-communication. The distance between the individual users can extend to 1000ft.

In the **Team Mode** all users can talk to each other at the same time – like in a conference call.

In the alternative **Phone Mode** you can talk privately between two users. In order to guarantee highest security all members can always be reached in the **emergency channel** – which works similar to the Team Mode.

In **Data Mode** additional informations can be transmitted parallel to the transmission of speech like heart rate, temperature, wether conditions, etc.

For ongoing information please visit our website www.microsport.de regularly.



MICROSPORT TEAM COMMUNICATION - full-duplex speech and data transmission with repeater function

The flexible network structure allows private as well as conference calls between the members of a group. The full-duplex technology guarantees highest quality for your communication like on your digital cordless DECT phone.

In the background the Microsport Team Communication is continuously scanning who is in direct contact with whom and remembers the shortest connection route between the members.

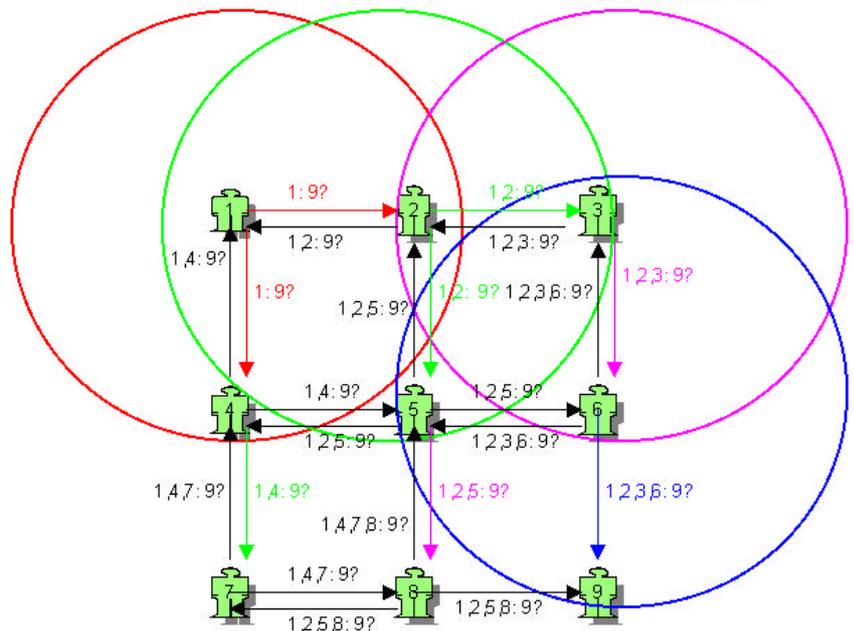
1. If one member is contacted by more than one other member -> the Microsport Team Communication only stores the shortest way to establish the communication chain for the repeater function.
2. If two of the ways equally long -> the Microsport Team-Communication only stores the one with the smallest summ of phone numbers.

Example: Member 1 wants to talk to member 9. What is the shortest way?

After the 4th transmission on the coordination channel member 9 knows the shortest way back to member .

Shortest Way: 9->6->3->2->1

1. Transmission 2. Transmission 3. Transmission 4. Transmission Ignored transmission because of rules 1+2



Definitions:

- Member: All persons of a group that are equipped with the Microsport Team-Communication
- Direct Range: Maximum distance between two members who are in direct contact, approx 1000ft
- MemberNet: The area constructed by combining all member transmissions
- Shortest Way: The minimum number of transmissions necessary to reach a certain member.
- NetStructure: The map of the net. Continuously updating each members connections.
- Coordination Channel: Data channel, which continuously updates the NetStructure