

# MAYAH Communications

## Application Note 18

### IP connections with two Centauri

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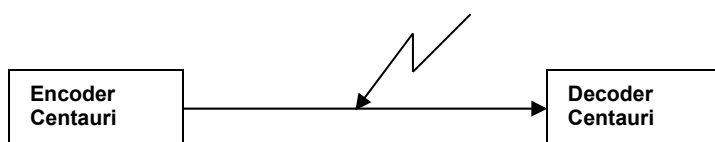
#### 1 TCP

Connections via TCP are basically possible with an identical format on both sides.

If MPEG algorithms (e.g. Layer2, Layer3, AAC) are chosen, different settings on local and far-end encoder/decoder are possible.

If non-MPEG algorithms are chosen, algorithms and settings have to be identical.

#### 2 Particularities on reconnects with IP/UDP



A special situation has to be examined within this chapter. Given is an active IP or UDP connection between two Centauris which is disconnected for reasons that will not be discussed here. If the connection is now reestablished within the period defined by the 'timeout' parameter and in the same format as before, there will be a delay time period of up to 100 ms. If the reconnection is made after the timeout period or with changed settings, no problem will occur.

#### 3 Particularities on not recognizable algorithms with UDP

If the encoder's dependency mode of the receiving Centauri is set to local, the Centauri which established the connection has to set its decoder to local, too. Additionally the settings of these encoder and decoder have to be identical. In this case it is guaranteed, that via UDP the connection works in both ways.