

## Two KKO cards – cooperation rules

- **The principle. Main rules of cooperation.**

- It is possible to connect two KKO cards in order to expand total capacity of conference system.
- If you use 2 KKO60 cards, total capacity will amount to : 59+59 channels = **118** voice channels in one conference.
- If you use 1 KKO30 and 1 KKO60 cards, your total capacity will be : 29+59 channels = **88** voice channels in conference.
- In case of connection two KKO cards in one conference system, special voice channel will connect both the cards and make possible to run both conferences in two cards simultaneously. In this case it doesn't matter which card you select in order to enter into the conference ('A' card and 'B' card).
- Special voice link is set automatically but MASTER card is initiator of this connection.
- Both the cards run supervision of this link.
- Lack the connection in about 1 minute time generates special alarm in both the cards.
- Two KKO cards cooperation mode is set by **closing of JMP2 jumper** on both the cards.

- **System: MASTER / SLAVE**

- In order to set KKO in MASTER mode, you have to insert directory number into SLAVE card direction (Settings->Conferences->Two KKO cards cooperation) and close JMP2 jumper.
- In order to set SLAVE mode, you have to clear directory number (empty number in edit box) on option Settings->Conferences->Two KKO cards cooperation and close JMP2 jumper.
- Next, you have to configure your exchange with special PCM channel on extra route with extra directory number. This is the **first PCM channel** in the route. The rest of channels have to be in the other route with the other directory number.
- The KKO MASTER starts call by directory number immediately when JMP2 jumper is closed. Special link is called always by **first PCM channel of first PCM route** and hits a target on **first channel on KKO SLAVE card**.
- If the connection is missed or failed next repetitions will execute to the bitter end.
- After dialing procedure, both the cards will be linked by special dedicated PCM channels.
- Special call for special “conference participant” in KKO SLAVE is link for extension of capacity.
- Link channels are treated by special rules in both KKO cards. Especially, closing of conference procedure will omit these channels and password will not be required despite switch on this option for rest of channels.
- There are special icons on the conference's screen for visualizing this link.

- **Working notes.**

- If you work with two KKO cards, you have to configure your exchange firstly. In the other case given alarm will generate minutely.
- If you work with big conference group, you have to divide it into 2 subgroups and load them on two KKO cards. For calling whole this group, you have to call the conferences on both the cards with 2 subgroups.
- If you go into conference yourself, it is possible to call the trunk for first (MASTER) or second (SLAVE) card. It doesn't matter which card you choice, the result will be the same.
- It is possible to set special link only for **first** conference for both the cards. Second conference is always local and expansion of capacity is forbidden for it.