

## Maintenance; how to wire your microphones.

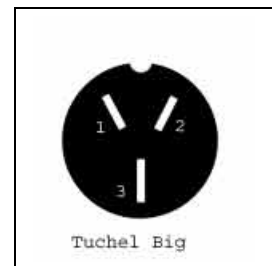
### \* Tuchel; Big \*



This connection is you can find on for example very old Sennheiser MD-421, my blues-mike the RFT ND-30 and a RFT DM-622. As it was one of the first connectors, you'll only find them on older mikes. And it's one of the best connectors there is. It's locked with a screw-ring. I advise to buy an adapter or make an adapter-cable and leave it with the mike:

### PINNING:

	Tuchel Big	XLR
Hot	1	2
Ground	3	1
Cold	2	3



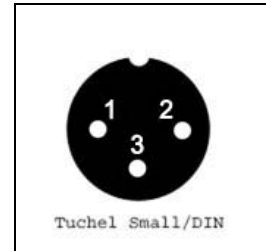
### \* Tuchel; Small aka DIN \*



This connection is you can find on for example mid-age Sennheiser MD-421's and Beyer-microphones. But since it's well known, there are more manufacturers who have used them. It's locked with a smaller screw-ring, which gets bended everytime. It's often possible to send your mikes to the manufacturer and get a XLR-connection built in. I find an XLR-plug a better solution than this one, but sometimes because of 'collectors-value' it's better to leave it in it's original state. So I advise to get your mike updated, or buy an adapter, or make an adapter-cable and leave it with the mike. Pinning on the next page.

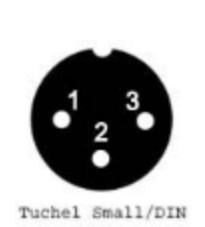
### PINNING:

	DIN/Tuchel Small	XLR
Hot	1	2
Ground	2	1
Cold	3	3



Mark Philips attended me on another maybe rare different numbering/outlay for these smaller DIN. It has a more embossed 123 pinning.....wiring with respect to the numbering is the same....so just check the numbers!!!

### RARE NUMBERING:



#### **\* Adapters or rebuild \***

Sometime you can find an adapter in a store or on the net. Take your chance, because they're difficult to find. It's often possible to get your mike upgraded by the manufacturers. It's often very good, and sometimes an extra change in the circuitry will get even better results. But with some types it's better to leave it in it's original state. It your decision, but if you plan to keep then, why not upgrade. It will probably come back better then it left.

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