

Telefon : (0 62 61) 6 20 31

Telex : 04 66 132 pmb d

Firmensitz :
Obrigheim, Registergericht Mosbach HRB 636

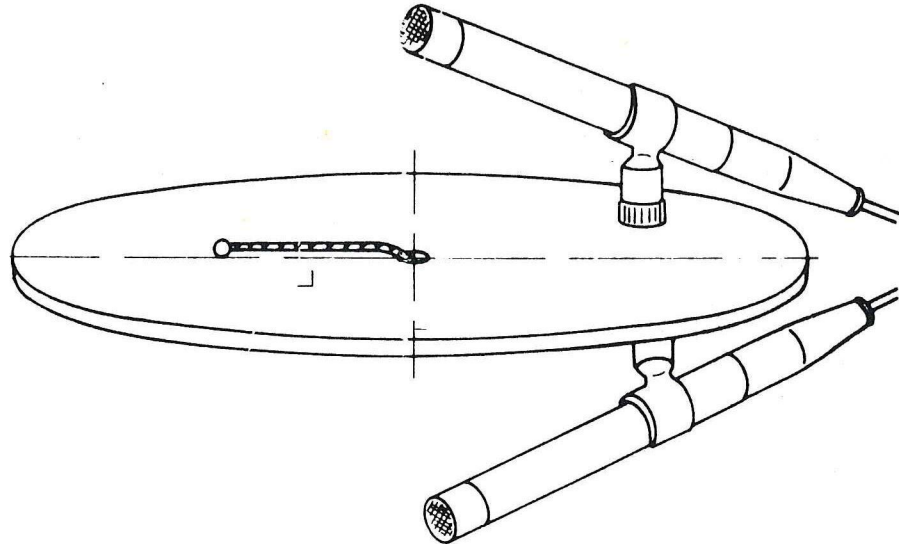
Geschäftsführer :
Per Staal, Alfred Götz, Herbert Haun

Banken:
BW-Bank Heilbronn
(BLZ 620 300 50) 700-86251-00
Postscheckkonto Karlsruhe
(BLZ 660 100 75) 30 325-759



PEERLESS-MB GmbH
Postfach 60
D-6951 Obrigheim

PEERLESS-MB GmbH · Postfach 60 · D-6951 Obrigheim



TRIBUTE TO THE DIGITAL TECHNIQUE !

THE "JECKLIN DISC": REVOLUTION IN RECORDING

OSS-Stereophony (Optimal Stereo Signal), designation
for a new recording technique

In order to meet the continually increasing requirements
of modern recording technique, PEERLESS-MB developed the
"JECKLIN DISC"

(OSS-Technique) and the necessary capacitor microphones in
collaboration with the Swiss Sound Engineer Jürg Jecklin,
inventor of the legendary headphone "Jecklin Floot".

In the OSS-technique two sound pressure microphones
(omnidirectional pattern) and the "Jecklin Disc" are utilized.
The arrangement produces a stereo signal which results from
the difference of intensity and delay of both channels. As
compared with the usual intensity and delay techniques the
stereo signal transmitted with OSS-technique offers the advantage
that the sound resonator as well as the acoustic space
are better reproduced in all respects.

The described OSS-arrangement can be employed alone as main microphone or together with any stand-by microphones. In the latter application notice should be taken that the stand-by microphones are at least 20 dB lower in level than the one of the OSS-arrangement as the main microphones must definitely be dominant.

The OSS-technique with the "Jecklin Disc" has a certain similarity to the dummy head technique. It is yet a binaural technique and offers therefore the advantage that the recording can be reproduced not only by headphones, but also gives an optimal stereo signal when reproduced by loudspeakers.

When using the "Jecklin Disc" from PEERLESS-MB no further accessory is necessary. The disc is supplied with two microphone holders and a connecting piece for fixing the disc to a tripod. The connecting piece to tripod can be fixed in different angles at the disc border so that an adjustment is made possible to every case of application.

The setting cord at the middle of the disc is for the determination of the exact lateral distance of the microphones to the disc. This setting cord can be used on both sides of the disc.

PEERLESS-MB developed special capacitor capsules (omni-directional pattern) for the described recording technique which are available as Type KA 10 for the capacitor microphones PMB c 640 and PMB c 648.