

SYNTECH probes for EAG recording for use with electrically conductive gel



**Standard EAG probe
and antenna holders**

Tetraprobe

Four antennae of the same species are connected between one common and 4 separate electrodes using electrically conductive gel.

The signals of the 4 antennae are independently picked-up by 4 input amplifiers and subsequently added by a summing amplifier.

The output of the probe is the sum of the signals of the 4 antennae. Because of the 4 input amplifiers, antennae not contributing to the signal are not deteriorating the signals of the remaining antennae. The distance between the electrodes can be adjusted to fit the size of the antennae.

A model with detachable antenna holders, like the standard EAG probe, is also available.



Quadroprobe

Four antennae of different species are mounted onto a detachable antenna holder provided with a common and 4 separate electrodes. The signals of each antenna are individually picked-up and amplified separately. The output signals of the 4 antennae remain separated and can be recorded using a 4-channel signal acquisition system, such as the IDAC-4.

The antenna holders are made to fit the size of the different antenna to be mounted. Antennae are connected between the electrodes using electrically conductive gel.