

EEG ELECTRODE CAP SYSTEMS AND CAPS

Systems

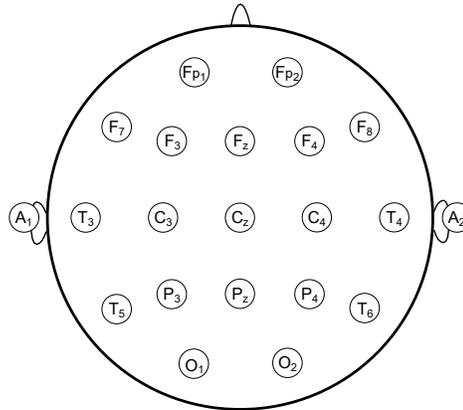
BN-EEGCAP-SYS BioNomadix Wireless EEG Cap System
CAP100C Electrode Cap System (Touchproof)

Cap Only

BN-CAP-SMALL CAP-INFANT
BN-CAP-MEDIUM CAP-SMALL
BN-CAP-LARGE CAP-MEDIUM
CAP-LARGE



Electrode Cap System (CAP100C shown)



International 10-20 electrode montage



Cap only (CAP-MEDIUM shown)

EEG CAP SYSTEMS

EEG Cap Systems include a medium EEG cap with accessories, plus mating cable to interface an EEG amplifier or MP36/36R unit. The medium electrode cap fits most subjects over age five. Infant, small, and large caps are also available. Systems ship with one medium cap (no substitutions).

The fabric cap has recessed tin electrodes attached to the Lycra-type fabric. The electrodes are pre-positioned in the International 10-20 montage (shown above). Since leads are available for all electrodes, unipolar or bipolar montage recordings can be obtained. The electrode cap comes with two ground electrodes and can also be used for evoked potential investigations (such as ABR). When the electrode cap is in place, EEG recording gel is injected into each electrode (via a central gel access hole) with a blunt-tipped syringe.

Leads from the electrode cap terminate in 1.5 mm female Touchproof sockets, which connect to inputs on

- EEG100C electroencephalogram amplifier
 - To connect to older model EEG100A or EEG100B, add connection cable CBL201.
- BN-EEG2 BioNomadix Wireless EEG transmitter/receiver set
 - See BioNomadix® Product Sheet for more information on BioNomadix® hardware.
- MP3X data acquisition unit via shielded electrode interface cable SS1LA

ELECTRODE PLACEMENT AND CONNECTOR PIN OUT

