

2.. SETTING OF THE INSTRUMENT

The instrument's setting for the measurement is extremely easy. It is only necessary to plug in the proper set of the preamplifiers and transducers and switch the power on. The display's "back-light" can be activated by means of the <**SHIFT**> and <**DISPLAY**> push-button pressed in a sequence. In order to save the power of the battery, in normal "day-light" operation it is recommended to **switch the backlight off**.



Notice: To make any interconnections between the SVAN 912A and any other device (e.g. the Personal Computer), it is strongly recommended to switch the power off.

The instrument has two additional output sockets: **AC OUT** and **NOISE OUT** (in the top cover) and one external power input socket: **EXT. POWER** (in the bottom cover). More detailed description of these sockets is given in the Appendix C (DATA SPECIFICATIONS).

2.1. Powering of the instrument

The instrument is powered from the internal rechargeable battery: 6 V / 3 Ah. The unit is equipped with the external power (110 V / 220 V mains) adapter. For the external power operation and recharging the battery, this adapter should be connected to the **EXT. POWER** socket located at the bottom cover of the instrument.



Notice: The battery is also recharged during the instrument's operation with the external power. The internal power supply circuit protects the battery from the overcharging. Nevertheless, it is not recommended to keep the external power continuously plugged into the **EXT. POWER** socket.

With the fully charged battery the instrument can operate approx. 8 h (with the backlight off). Switching the backlight on decreases operation time about 30 %.

The battery condition can be checked by means of the **BATTERY** function available in the **AUXILIARY FUNCTIONS MODE** (cf. Chapter 7).