

I n s t r u c t i o n s on how to use HELL-PRINTER1) Voltage of the system

Control the adjustment of the apparatus on the current voltage. If necessary adjust by changing over of insulated screw on voltage plate of the voltage transformer (remove back plate). Moreover control the voltage fuse (300 mA, 1000 mA) of the voltage plug.

2) Contacting

In order to contact Hell-Printer with distance-receiver or cable there are three pairs of terminals with the entry impedances of ~~500~~ 800  $\Omega$  and ~~34'000~~  $\Omega$ . The ~~500~~ and ~~34'000~~  $\Omega$  entries ~~are~~ bound for the contact with the secondary side and primary side respectively of the exit transformer of the distance-receiver. Mind that the entry is not charged with continuous current. The smallest audio-frequency which has to be led to the entry is of about 1/100 watt.

3) Switching on.

The apparatus is set under voltage by turning voltage switch MAIN SWITCH. The signal lamp has to flash after a few seconds.

4) Paper ribbon

The paper roll is introduced from the right side into the carrier slot of the cage and the paper ribbon is pulled from below over the carrier bench between writing spool and writing knife in order to be wedged between driving- and pressing-roll (see illustration). It is advisable to distance the writing knife from the writing spool before introducing paper ribbon by turning to the left of the below situated knob WRITING CONTROL.

5) Inking roll.

Control moisture of inking roll (do not moisten too much).

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6) Operating

The switch for the filter is brought into a neutral position. Motor is set in action by pressing down knob START. Guiding current for writing magneto is regulated by the knob VOLUME CONTROL. The writing knife is approached the writing spool by the knob WRITING CONTROL until the letters appear on the paper ribbon. The number of revolutions of the writing spool is adjusted by the knob SPEED REGULATOR in such a way that the letters appear in a straight line on the ribbon. The writing can be improved by regulating the knobs WRITING CONTROL and VOLUME CONTROL. The motor is switched off by pressing down the knob STOP.

7) Automatic working

If the apparatus is set on AUTOMATIC ON, the motor can be switched on and off by signals. At the end of the transmission all Hell-transmitters give a signal which switches off the motor so that no paper is wasted. The motor is switched on again by another signal of the transmitter so that the Hell-Printer, once set to work, needs no further attention. In ready-for-use condition the Hell-Printer takes up 30 watt and in working condition 65 watt.

8) Filter

In case of serious hitches of the reception, the influence on the legibility of the writing can be largely reduced by means of the filters.

9) Control of sound

The adjustment of the distance-receiver can be controlled by head-receivers connected with the socket HEADPHONE.

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