corded (for best-suited distances, see "Useful Hints" on page 37).

6. Adjust the proper recording level by depressing the red recording button **❻** and turning the control "Level I" **❾** clockwise until the loudest parts of the performance to be recorded cause the pointer of the left-hand VU-meter to deflect to the end of the green band of the scale.

7. Simultaneously depress the red recording button **❻** and the start key **❶**. Both keys must be caught in position. The tape starts moving and the microphone recording begins.

8. For short interruptions of the recording operation depress the pause control key **❷** so that it is caught in position. The tape will remain stationary until the pause control key is released by being pressed once again.

9. The monitoring level can be adjusted by means of the volume control **⓮**. Please take care not to turn the control too far clockwise in order to avoid a hooting sound due to acoustic feedback (from the loudspeaker to the microphone). If there is a great distance between the recorder and the microphone, or if they are operated in different rooms, the monitoring level can be chosen according to taste. The monitoring tone can be adjusted by means of the tone control **⓰**.

The novel design of the UHER ROYAL STEREO offers the advantage of two kinds of monitoring. If you turn the balance control **⓯** anticlockwise, you will hear the signal after it has passed the recording amplifier but before it is recorded on the tape — which means monitoring the source. In order to monitor the signal as it is actually being recorded on the tape, you have to turn the balance control **⓯** clockwise as far as possible — this is called off-the-tape monitoring. Depending on the tape speed the monitoring lag will vary from approx. 0.1 sec. (at a tape speed of 7 1/2 ips) to 0.8 sec. (at a tape speed of 15/16 ips). This is the time which the tape needs in order to run from the recording head to the playback head. Off-the-tape monitoring will enable you to check the actual tape recording. In case you want to monitor through an earphone, con-

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