

The Edison Pocket-Phonograph (454.ETP)

This kit contains:

1 printed cardboard sheet, 4 sound strips (“Good Morning!”, “Happy Birthday”, “Congratulations”, and “Merry Christmas”)

This pocket-phonograph goes back to a patent of the inventor of the phonograph, Thomas Alva Edison (1847-1931). Each strip has a short sound recording which is contained in the grooves on one side of the strip.

The recording starts about an inch after the pointed end of the strip. You can stick this end to an inflated balloon or a greeting card with the help of some sticky tape or use some other resonating body. For example you can make a knot into the end of the strip and thread it through a hole in the bottom of a yoghurt cup.

Grip the strip between thumb and index finger, pressing the thumb nail onto the grooves. Then pull the strip through your fingers at an even pace. You might have to experiment a bit until you get the right speed.

Assembly instructions for the acoustic horn (please read before you start):

Step 1: Cut out all parts, make the small incision for the strip in the bottom of the horn (Resonanzboden) and the re-enforcing disk (Vertärkungsscheibe).

Step 2: Bend the lower part of the horn (Trichterhals) into a round funnel and glue it together using the grey flap.

Step 3: Glue the re-enforcing disk (Vertärkungsscheibe) onto the middle of the bottom (Resonanzboden), fold the grey flaps backwards and glue the bottom into the lower part of the horn.

Step 4: Now form the rim of the horn (Trichterhals) and glue it together using the grey flap. Now glue the flaps of the lower part of the horn into the rim and glue them in place.

Step 5: Make a knot into the beginning of the sound strip and thread it through the hole at the bottom of the horn. **DONE!**

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