

50 Years Ago



Typical mobile installation showing the transmitter/receiver in the luggage compartment of a car



Mobile controller installed on the dashboard of a car

(From 'Applications of V.H.F. radio' by E.W. Northrop, GEC Journal, XVI, 4, pp. 184-196, 1949)

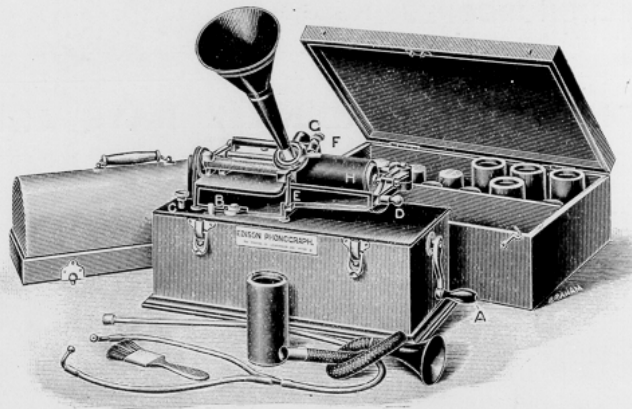
100 Years Ago

1438

THE EDISON PHONOGRAPH

(LATEST PATTERN.)

FOR PURCHASE ONLY.



We are now supplying, for Office and Home use, large numbers of the latest pattern "Edison" Phonographs, complete with Clock-work Motor, Polished Oak Case with Handle for carrying Recording Trumpet, Repeating Trumpet, Ear Tubes, also Polished Oak Case, containing four Records and two Blanks.

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(At Purchaser's Risk, and Not Returnable).

Extra Records, Orchestral Pieces, Speeches, &c., 9/- each.

Extra Blanks, 2/6 each.

Smaller Make, £12 complete.

INSTRUCTIONS FOR USE.

Unpack carefully, and remove all packing.

Wind the machine by means of cranked handle **A**, select a record, taking care to lift it by placing the fingers inside. Open the gate at **D** by dropping the latch knob, slide the record on to the mandril **H**, without, however, using force. See that the record is placed with the longer opening first, as the mandril is slightly conical in shape. Start the machine by lever **B**, lower the speaker on to the record by lever **E**, the trumpet or ear tubes, as preferred, should be placed on the speaker.

The speed is regulated by a set screw, **C**. Care should be taken that lever **F** is close back on the set screw. The set screw **F** will bring the reproducing point on the line of record. If the sound is weak a slight adjustment of the set screw will make it louder.

TO MAKE A RECORD.

Place a plain cylinder on the mandril as above, lower lever **F** to

its full extent (lever **E** being up). After starting the machine, lower lever **E**, and speak or sing into the funnel.

To REPRODUCE this, return lever **F** back against the set screw. The cylinder and reproducing point require to be dusted with a camel's hair brush occasionally.

TO CLEAN OFF A RECORD.

Place the speaker-arm over the centre of the record, the machine being motionless, and screw up thumb nut **D** until the edge of the sapphire shaving knife just touches the surface of the record, then lift the speaker-arm to the extreme left (with lever **E** down), start the machine at its full speed by screw **C**, and allow a thin shaving to be taken off the whole extent of the cylinder. If the knife is set too deeply the surface will be rough. All the wearing parts should be frequently oiled; the machine may be lifted out of the box for this purpose.

(From 'Electricity', the Complete Catalogue of the General Electric Company, p. 95, 1898-9)