

PORTABLE TRANSMITTER

Hell Verein / www.hell-kiel.de



Tanker explodes in Rotterdam harbour –
Hurricane causes damage running into millions –
Brazilian football artist becomes soccer champion –

these are the news in the morning papers, and pictures taken locally illustrate the events for the reader. What really matters is to be up to date. The new, portable HELL-telepicture transmitter makes it easy for any paper to illustrate every important event.

The machine

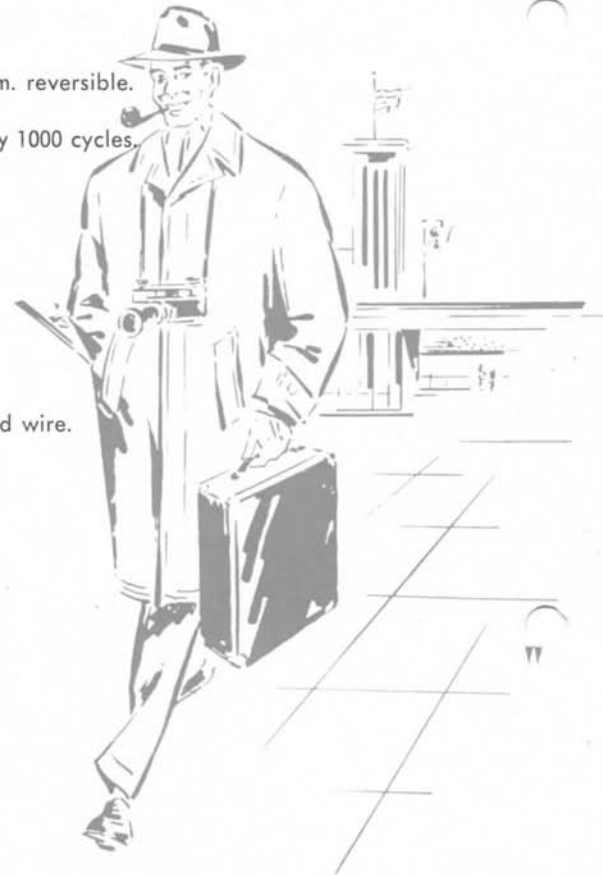
- is little larger than a portable typewriter,
- easy to handle,
- not fragile,
- can be comfortably carried in its box
- and incorporates the most modern transistors and switches with printed indications for the user.
- With a few manipulations the machine can be connected to a radio transmitter or to the telephone in one's hotel room.
- The absence of valves does away with warming-up time, and anybody can operate the machine with ease by means of certain keys.

In one word: The machine is a "must" for a picture reporter.

The transmitter operates with the internationally recommended standard date module 352 and the reversible revolution figures of 60 and 120 rpm. Picture size 13 x 18 cm. A synchronous motor, controlled by means of a built-in, transistorized tuning fork, operates the picture drum. Scanning through an incandescent lamp and a multiplier. The machine also incorporates a reversible, combined microphone-loudspeaker installation and permits the making of adequate arrangements before reception. A modulated or unmodulated sound can be transmitted to control the synchronous working of the instrument.

Technical Data

Dimensions:	Depth 15"
	Width 12"
	Height 6"
Weight	31 lbs
Mains connection:	110, 125, 200, 220, 240 V ± 10%. 50–60 cycles.
Module:	352.
Picture drum revolutions:	.60 and 120 rpm. reversible.
Maximum picture-dot frequency:	500 respectively 1000 cycles.
Picture drum diameter:	2 1/2"
Drum length:	5"
Picture size:	5 x 7"
Power Consumption:	100 VA.
Picture circuit connection:	2- and 4 strand wire.
Modulation:	AM.
Carrier frequency:	1800 cycles.
Tuning fork frequency:	480 cycles.
Temperature coefficient of Tuning Fork:	≤ 5 · 10 ⁻⁷
Separate sound:	1020 cycles.
Accessories:	
Leads for main and picture circuit.	
Spare fuses.	
Operating manual.	
Carrier case.	



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