

More functions, more flexibility in Teleport 9 radiotelephones.



Talking to one another, exchanging information and data—regardless of the location—are both taken for granted and necessities in many walks of present-day life. Radio communica-

tions paved the way to these technological possibilities.

The breakthrough toward extensive application of such advances was achieved with the adoption of transistor technology, that per-

mitted materialization of handy portable radio sets. AEG-Telefunken, which was among the pioneers of radiotelephone technology, recently developed a new phase in this technology with the new hand-held radiotelephone, Teleport 9.

Modern component technologies and modular design were combined with compact packaging and miniaturization to allow more functions than before in the hand-held set. The radiotelephone features a microprocessor control, offering the user more flexibility than in earlier sets without any hardware modifications.

The Teleport 9 equipment family ranges from the genuine hand-held set to the portable system component for use in complex networks such as with through-dialing facilities or closed network character. In a closed network (such as airports), different users have access to a group of frequencies.

Because of differing requirements throughout the world, a number of special versions are produced, using modular design.

Construction of the set (Figure 1) allows assembling all the versions required from three basic modules; the radio section contains the transmitter, receiver and frequency synthesizer. The control section contains a microprocessor for the variable programming of all control functions, the selective call generator and decoder; displays and controls also are included. A removable coding plug contains a PROM (programmed read-only memory) in which all the service-specific set characteristics are fixed.

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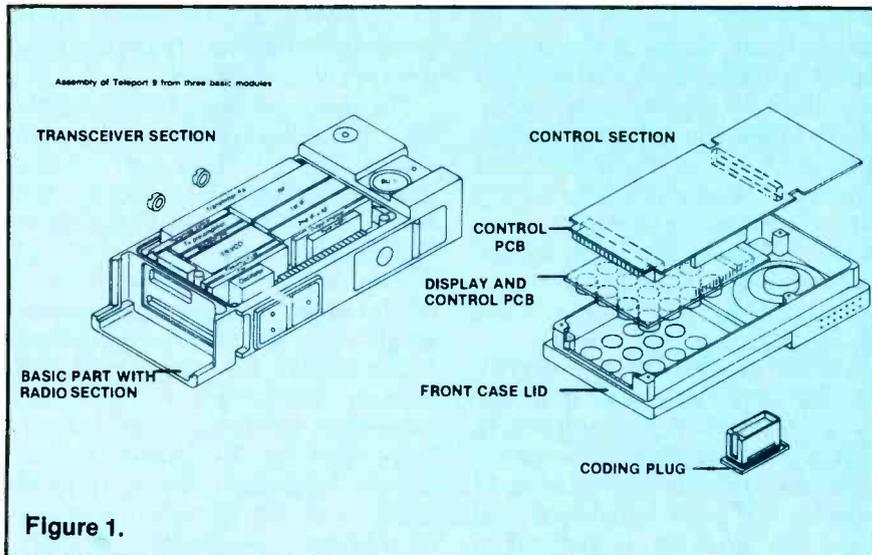


Figure 1.

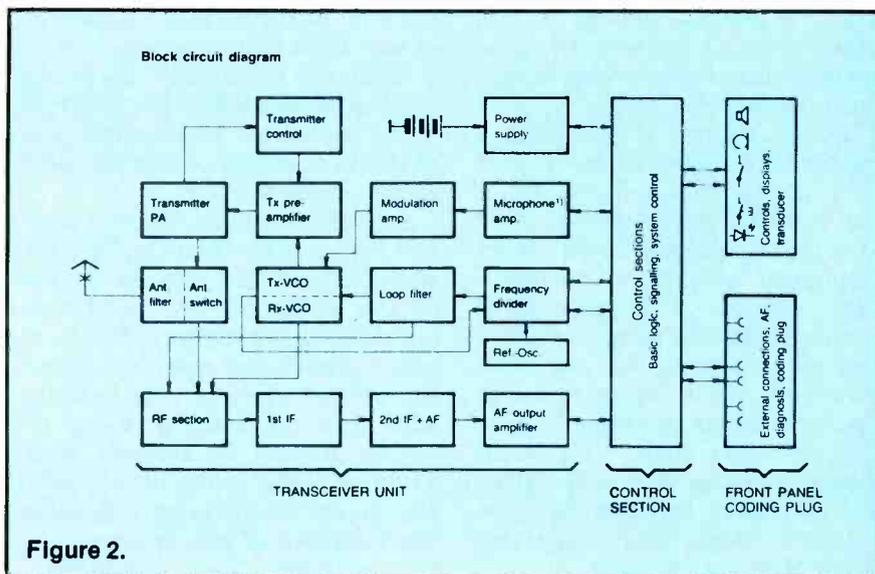


Figure 2.