



E-11N



THE «E-11H» AUTOMATIC ENCRYPTION EQUIPMENT OF PHONE AND DIGITAL INFORMATION

The "E-11H" is intended for encryption of phone information transmitted in a simplex mode via digital channels, VHF, HF radio stations, satellite communication set with the speed of 1200 bps.

The equipment provides:

- ciphered telephony with assured stability in a simplex mode at speed 1200 bps during the operation with mobile VHF, HF radio stations and satellite communication set;
- connection via simplex HF radio stations is provided by HF modem;
- transform of voice data in a digital form and vice-versa;
- eight cipher key input with correction check and their storage while the keys are active;
- selective deleting any of the eight cipher keys and their combined deleting;
- Power supply:
 - from the DC source with the voltage range from $12\pm 10\%$ to $27\pm 15\%V$;
 - from rechargeable battery with the voltage range 12V of HKГЦ-1,8-1 type;
 - from the AC network with the voltage range 110/115/220V.

The assignment of the composite devices of the product:

«CA 267E» device - the block of speech conversion and cryptographic protection;

HF modem («CA266E» device) is intended for information transfer via HF channels;

«BA 264E» block – the voltage of DC mains transform 27V, AC 110 or 220V at frequency 50-60 Hz, single-phase AC at frequency 400Hz in a constant stabilized voltage 15V with the output power up to 30W;

«MTT-УК-1» handset is for the radio station control and for double-sided conversation;

The complete set of assembly parts - for connection of parts of the equipment in the working circuit.

The complete set of accessories in structure:

- **«YA158-3» block** - the device of input of the key information;
- **The lever rotary** - for mechanical destruction of a microcircuit with non-volatile memory of storage of key information;
- **The complete set of replaceable parts** in structure:
- **«XA225» filter** - for protection on a feed from an external source of a DC;
- **rechargeable batteries** such as «10HKГЦ - 1,8-1».

The packing for long-term storage.

The ЗИП-0-1 set- for simple fault handling.

The ЭД set- registration certificate for E-11H, registration certificate for YA158-3E.