

**Field of application:**

command posts of enforcement agencies and other state administrative bodies and organizations.

**The automatic telephone exchange realizes:**

- organization of automatic (or via a telephone operator) telecommunication with the subscribers of own command post, other command posts, telephone network of public use, departmental communication networks;
- organization of long-haul communication (manual switchboard electronic analog) and loudspeaker communication;
- performance of channelizing and multiplexing functions.

**P-178MB provides:**

connection of analog telephone sets, digital consoles, TFCs (2- and 4- wire), local battery subscribers, 2- wire trunk lines, E-1 digital flows.

**Advantages:**

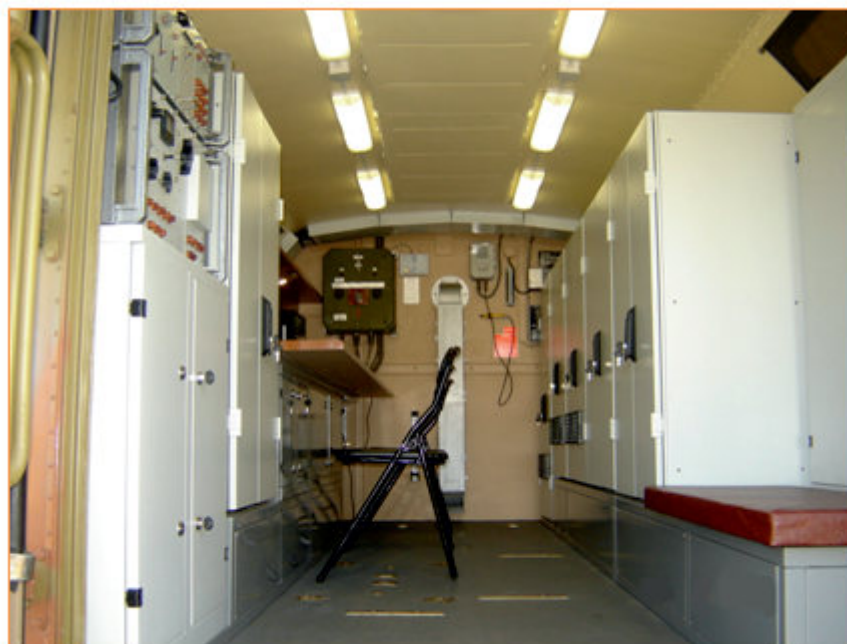
- flexibility of the construction of communication networks and direct links of various-purpose;
- subscriber loop multiplexer imbedded in the automatic telephone exchange FMM (provides the transmission of 12 numbers per one cable pair at a distance of 12 km);
- operation as an open communication manual switch on the base of PC or digital (dispatch) panel;
- operation as a primary multiplexor. The automatic telephone exchange makes it possible to allocate tone frequency channels and local batteries from E1 digital flow for external consumers;
- diagnostics and measurement of basic characteristics of physical subscriber lines;
- warranty at the customer's request is up to 5 years.



The mobile automatic telephone exchange P-178 MB allows to replace channelizing equipment vehicles, open communication switchboard and old telephone exchange simultaneously, that increases durability and reliability of communication and decreases quantity of the equipment and maintenance staff.

**Resistance to influencing factors:**

Resilience, durability, resistance of the automatic telephone exchange to external influencing factors meet the requirements of the operating group 1.7 GOST standard B 20.39.304-76 of the climatic version "humid microthermal climate".



**Basic technical characteristics of the automatic telephone exchange P-178MB**

Number of analog subscribers (automatic telephone exchange, common battery)	204
Number of E1 digital flows	12
Number of digital flows (digital consoles)	30
Number of digital transmission systems (2048 Kbit/s )	3
Number of loudspeaker communications' subscribers	30
Voice (lines) recording system	54
Number of the local battery subscribers	12
Number of 4-wire interconnecting links (TFCs)	12
Number of 2-wire interconnecting links (from ext. automatic telephone exchanges)	10
Power consumption, kW	1.6
Operating time from a storage battery, min.	60
Max. weight, kg.	10790

