

M9647 SADP 1CH G2 Stand Alone Dispatch Position One Channel G2



- The M9647 SADP 1CH G2 is a comprehensive tool that provides the dispatcher with all the information he needs to efficiently monitor users on the field and to communicate with them using voice or SMS services.

- Information is displayed in several permanent or context-driven windows. Windows type MMIs and clear display of information enable the user to become quickly familiarized with the tool.

- It can be installed easily in any location and connected to an M9600 radio switch through leased lines.

Voice communications

For voice communications, the dispatcher has push to talk priority over radio users. Voice communications include:

- Talkgroup and talkgroup scanning,
- Merge of several talkgroups into the same communication,
- Broadcast to several talkgroups,
- Incoming and outgoing private call,
- Incoming and outgoing telephone call,
- Emergency call,
- Complementary services including talking party ID, calling party ID and call transfer,
- Capability of recording all voice communications involving the dispatcher.

Data communications

- Statuses/predefined messages from terminal to dispatcher and from dispatcher to terminal,
- Short data messages (up to 150 characters) from terminal to dispatcher and from dispatcher to terminal.

Monitoring

- Terminal monitoring: terminal on/off, currently selected default talkgroup, date/time/location of last registration,
- Alarm monitoring,
- Talkgroup monitoring: visual indication of talkgroup activity and talkgroup merging.

Local comfort functions

- Log file of all communications involving the dispatcher and replay of all these communications,
- Instant replay of current communication,
- Forwarding calls to other dispatch positions,
- SADP MMIs available in four languages (French, English, German and Spanish).

Components and interfaces

- M9647 SADPG2 PC QW or M9647 SADPG2 PC AZ (Dispatch Position Personal Computer)

Processes the Man/Machine Interface for services requested by a dispatcher.

- M9647L SADP (Software application)

- M9647 SADP G2 AUD (Audio subassembly for SADP)

Includes a sound board, a switching board and audio accessories for audio processing (standard headset, desktop goose neck microphone with its audio volume control, its associated loudspeaker and PTT button, a PTT footswitch)

The **M9647 SADP interfaces** are connected to M9600 network through two links :

<u>Type of link</u>	<u>Characteristics</u>	<u>Bit rate</u>
TCPI/IP connexion over Ethernet (1) or	CDMA-CD	10 Mbit/s
Synchronous link for X 25 data from DPPC to MD/MSW (1) Synchronous link for voice and data from LCT to radio switch	V24V28 V11 (2)	19,200 bit/s 19,200 bit/s

(1) Choice to make in relation with system version
(2) V24V28 with adapter, included in modem kit

Additional essential elements to be ordered separately

One among the following three possibilities shall be chosen for voice and data connexion to M9600.

- M9650 LCT 1 G2 (Standalone LCT Module)

Line Connected Terminal. It is controlled by the Dispatch Position Personal Computer and enables the dispatcher to participate to voice and data services. M9650 OPT BOX option must be ordered with this possibility.

- M9650 LCT xx G2 (Rack of LCT modules)

Rack of several Line Connected Terminals. One among those of rack is used for connexion to M9647 SADP G2.

- M9655 LAG xx G2 (Line Access Gateway of LCT modules)

Cabinet of several Line Connected Terminals. One among those of LAG is used for connexion to M9647 SADP G2.

Options to be ordered separately

- M9647 OPT PR LCL

Printer connected on parallel port of DPPC for printout of configurations and logging information.

- M9647 OPT PR NTW

Allows printout on a network printer (printer M9600 PR must be purchased separately).

- M9647 OPT AMP LIST, 220V or 110V

Allows amplified audio listening through a remote loudspeaker (max distance to SADP: 10 meters).

- M9650 OPT BOX

Mechanical housing and power supply converter for standalone LCT module.

- M9653 Remote Connection

Allows remote connection of SADP through a modem to MD and radio switch.