

# MC 6501-L

From 4 to 236 voice-data users



## Modular multiswitch from 4 to 236 users

The new MC 7500-0 software version uses the exceptional capabilities of the specialized MC 6501-L platform to the fullest. An additional cabinet enables it to manage up to 236 extensions. Due to its open architecture, it can incorporate all technological developments, and it optimizes your public and private links. It can be networked with the other specialized MC 6500 platforms, to form a virtual PBX. Your MC 6501-L, an intelligence coordinator, combines freedom and coherence in communication. Associating telecom and information technology, this PBX includes an IP router for Internet access.

These platforms are fully modular from 4 to 236 extensions. The MC 6501-L can operate in autonomous mode or using an external battery. The MC 6501-L enables you to connect analog terminals, multifunction digital terminals or cordless terminals and of course, all three together. MC 6501-L, associated with the MC 7500 software, enables your departments to use all the features provided by the most comprehensive system on the market (ACD - automatic call distribution, Computer Aided Telephony, cordless mobility, multisite management, etc.).

### Attendant consoles: 4

- MC 520/640
- PC-based attendant console

### Cabinet dimensions:

- Height: 415 mm
- Width:
  - 1 cabinet: 240 mm
  - 2 cabinets: 480 mm
- Depth: 305 mm

### Climatic conditions:

- Temperature: 10 to 40°C\*
- Humidity: 20 to 80%
- Temperature gradient: 10°C/h

\*measured near the PBX ventilation output

### PBX services:

- Up to 236 extensions
- Up to 128 wireless subscribers
- 4 PRI
- EURO ISDN, QSIG, LCR
- TAPI, CSTA
- Automatic Call Distribution (ACD)
- Circuit/packet multiswitch
- MC 7500 software
- Seamless internetworking with other MC 6500 platforms
- M.O.V.A.C.S.<sup>®</sup> (call broadcasting)
- Wireless integrated DECT system
- Synchronized announcements
- Integrated voice mail

### Weight at full capacity:

Basic cabinet (reduced power)	22 Kg
Basic cabinet	18 Kg
Basic cabinet + extension cabinet	36 Kg

Interface	Z	I	I+Z	DECT		S <sub>0</sub>	V.24	X.25	T <sub>0</sub>	T <sub>2</sub> /S <sub>2</sub>	LR	LIA
				2 or 4 channel Base stations	Mobiles							
Modularity	4 or 8	4 or 8	4+4	2 or 4	-	2 or 4	1 or 2	4	2 or 4	2	1	4 2
Basic cabinet (reduced power)	40	44	44	12	128	20	8	4	16	1	12	4
Basic cabinet	104	108	108	12	128	20	16	4	16	4	48	16
Basic cabinet + extension cabinet	216	236	236	24	128	20	16	8	16	4	48	16

Power supply		Battery capacity		Battery endurance		
Backed up AC/DC 230 V - 50/60 Hz	Reduced	48 V - 2 Ah		1 to 2 hours		
	Normal	1 cabinet	48 V - 10 or 15 Ah		4 to 8 hours	
		2 cabinets	48 V - 16 or 24 Ah		4 to 8 hours	

- Maximum cumulated software capacities according to engineering rules
- CE approved

Please note that current legislation in certain countries requires that prior approval be obtained for the use of certain features available on MNC equipment. The owner of the product is responsible for applying for authorization.

The data provided in this document is for information purposes only. As part of its commitment to constantly improving its products, Matra Nortel Communications reserves the right to modify this information without prior notice.

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