



**INTRACOM**

**netMod**



**Multiple Subscriber Number  
(MSN)**

## Multiple Subscriber Number (MSN)

One of the basic ISDN services, is the Multiple Subscriber Number, which offers multiple subscriber numbers in the same ISDN subscriber line (up to 10, while the ISDN service providers offer up to 8). The MSN service assigns multiple subscriber numbers (MSN) to a single BRI line. These subscriber numbers are assigned and partitioned from netMod to the analogue ports (P1 and P2) and to the serial port. MSN numbers are assigned to the ISDN devices from the device's keyboard, based on the corresponding instructions given by the manufacturer. The subscriber is able to know the MSN numbers given by the service provider, through a simple request for an ISDN line acquisition.

Up to three subscribers numbers can be assigned to each analogue and serial port, and they can be stored in the corresponding **netMod's** memory locations.

The following procedures assign or delete (MSN) numbers to the memory of each of netMod's analogue port (P1 or P2):

- ☞ For each analogue port write the desired (MSN) number to the memory location X ( X= '1' or '2' or '3' ) by pressing:

**\* \* 9 X \* MSN #**

- ☞ For each analogue port delete the (MSN) number that is stored to the memory location X ( X= '1' or '2' or '3' ) by pressing:

**\* \* 9 X \* #**

By using AT commands, you assign or delete (MSN) numbers on the memory for each of netMod's analogue port (P1 or P2).

For the port P1 type:

**at&ziN=** MSN number, to assign an MSN number on the port P1

The number N takes the values:

N=0, for the first MSN port number

N=1, for the second MSN port number

N=2, for the third MSN port number

**at&ziN=** Enter key, to delete a previously assigned MSN number on the port P1

(N=0 or 1 or 2)

For the port P2 type:

**at&ziN=** MSN number, to assign an MSN number on the port P2

The number N takes the values:

N=3, for the first MSN port number

N=4, for the second MSN port number

## Multiple Subscriber Number (MSN)

N=5, for the third MSN port number

**at&ziN=** Enter key, to delete a previously assigned MSN number on the port P2

(N=3 or 4 or 5)

By using AT Commands, MSN numbers are assigned on the data port (RS232 or USB).

Type:

**at&ziN=** MSN number, to assign an MSN number on the data port

The number N takes the values:

N=6, for the first MSN port number

N=7, for the second MSN port number

N=8, for the third MSN port number

**at&ziN=** Enter key, to delete a previously assigned MSN number on the data port (N=6 or 7 or 8)

To view the MSN numbers assigned on both analogue ports (P1 and P2) and the data port type:

**at&zi?**

**!** Note that the above settings, initiated by AT Commands are permanently stored in netMod's memory.