

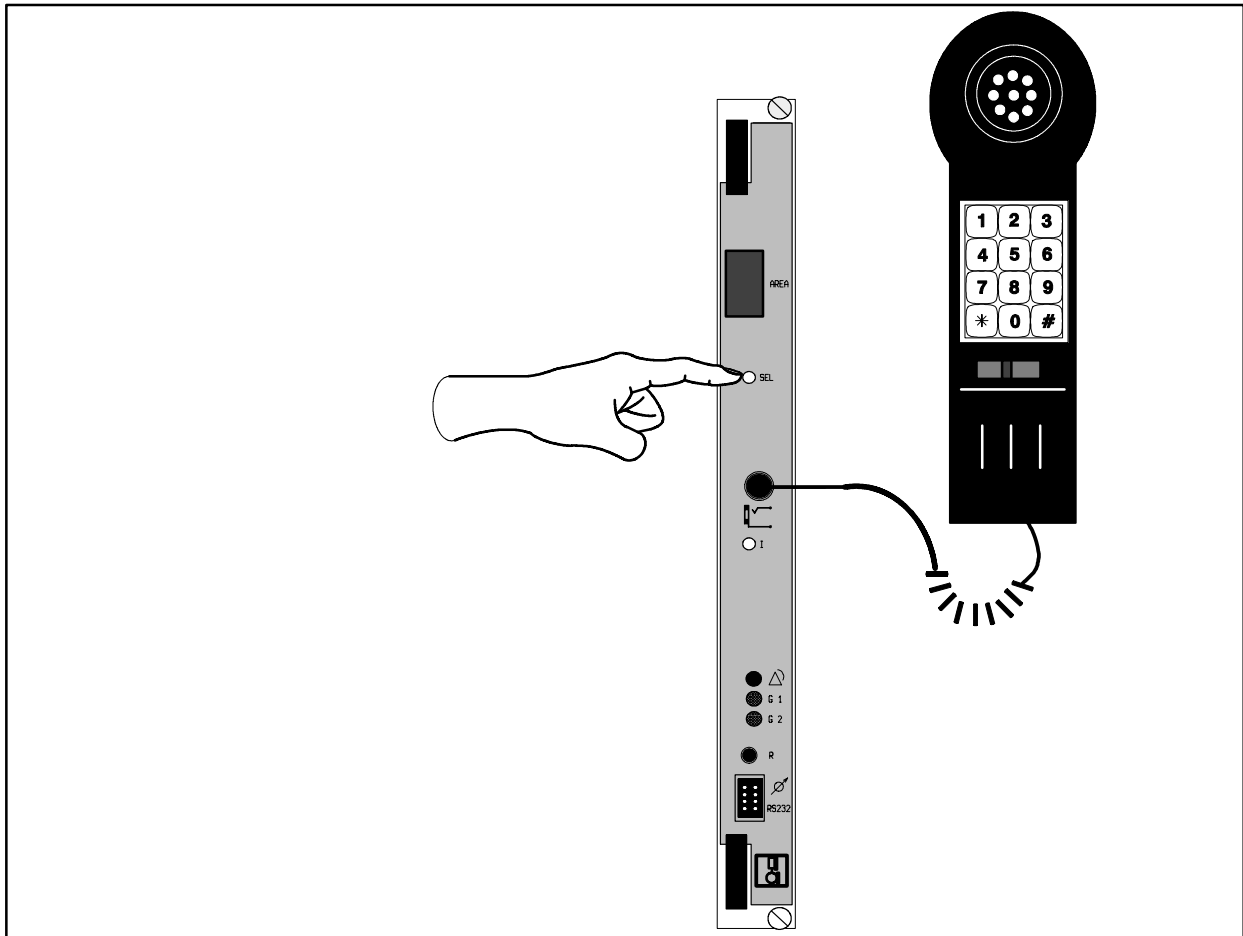
# Service Telephone Channel Operating Instructions

Two different service areas can be configured by means of the Local Contoller.

► **To select the active area:**

- ☐ Push the SEL button.

The display will show the active area identifier.



A reset of the Auxiliary Unit is required when the switch from one EOW area to the other is performed for the first time.

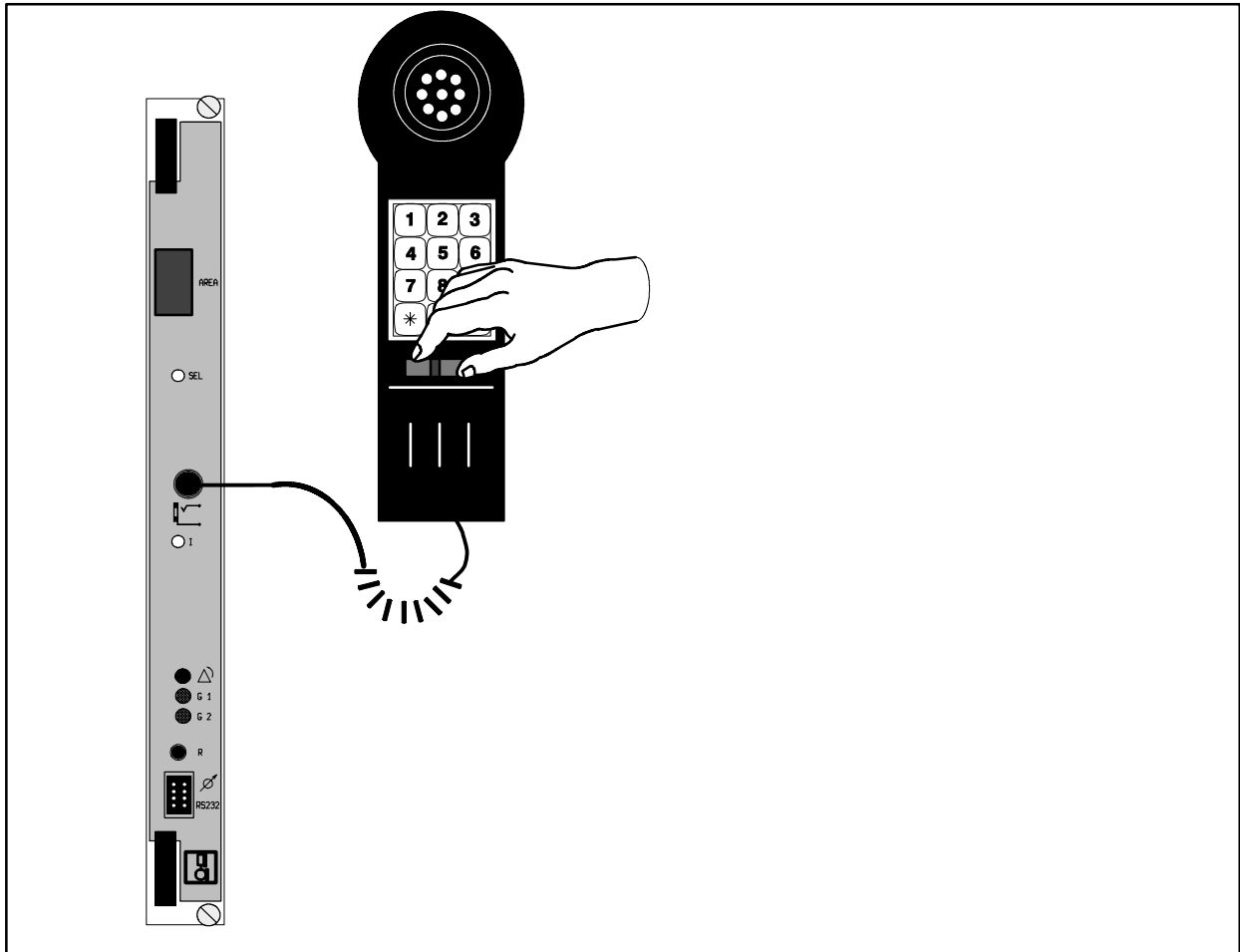
► **To reset the service line:**

- ☐ Depress the push-button R on the front panel of the Auxiliary Unit

## Collective Call

► **To make a collective call:**

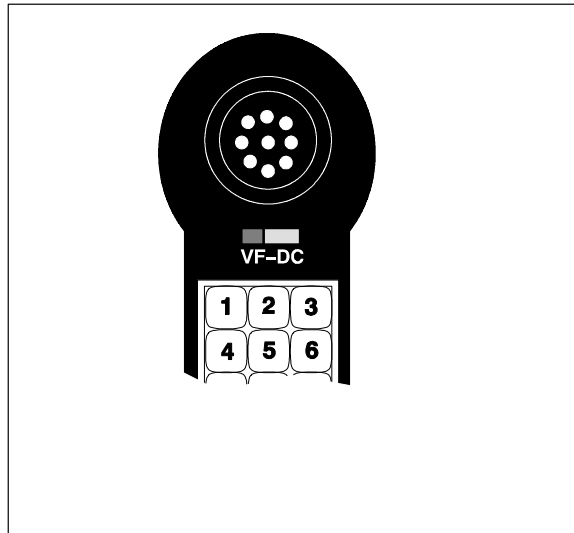
- ☐ Raise the handset and set the on/off switch to on.



The idle line signal (continuous tone) will be heard and the green LED G1 is lit on all the ADM-1 equipments in the same area, to indicate the seized line status.

- ☐ Dial the collective call number **00**.

**IMPORTANT** *The ADM-1 Service Telephone line use the multi-frequency (DTMF) mode for the signalling. It is therefore necessary before making a call verify if the VF/DC switch on the handset is set to VF.*



► **To answer a collective call in the same area:**

When a collective call is received, the green LED G1 and the yellow LED G2 start blinking and the buzzer rings at a quick cadence.

- ☐ Raise the handset and set the on/off switch to on.

The green LED G1 stops blinking and stays lit steadily, and the operator can listen to a conversation going on can not take part.

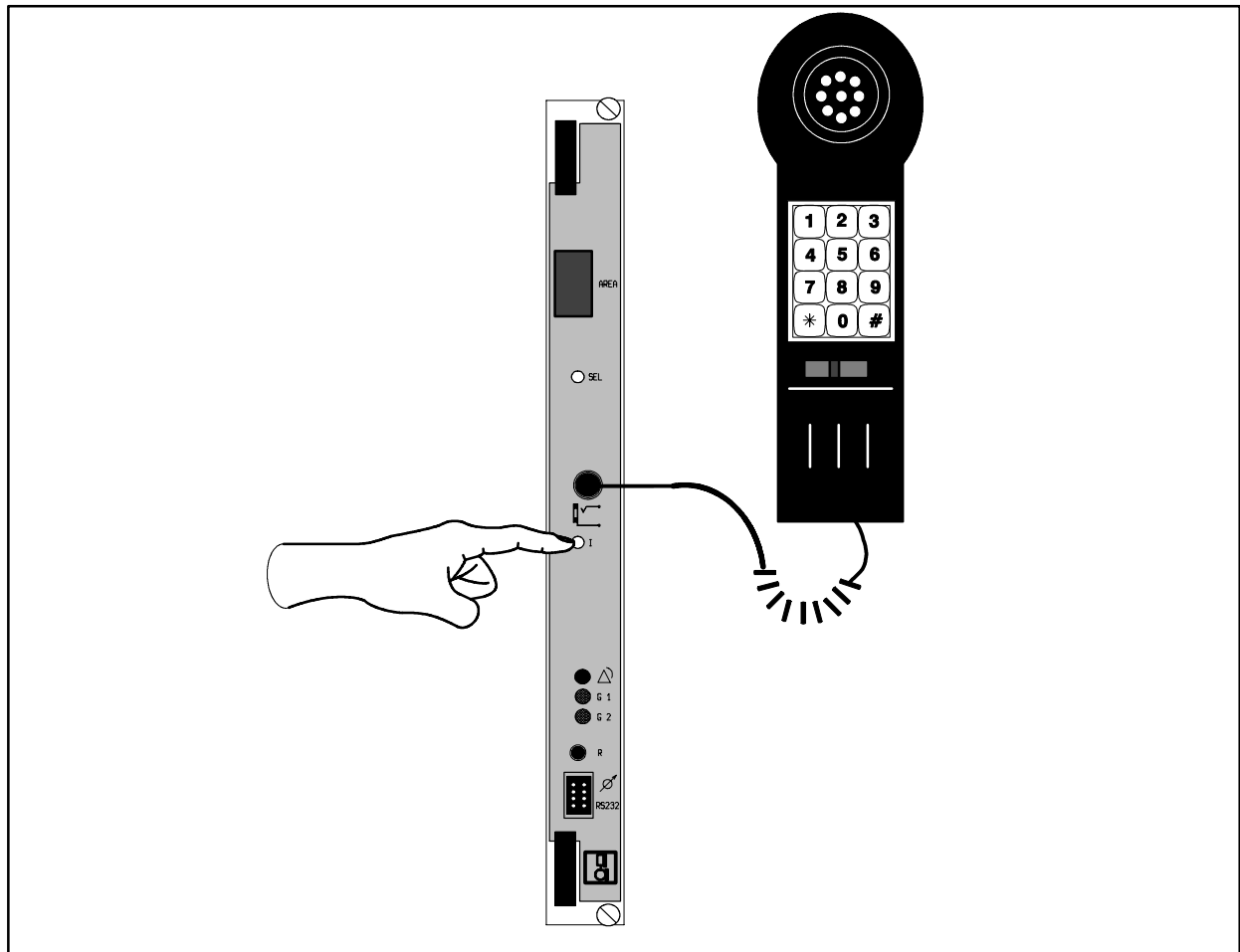
► **To answer a collective call in a different area:**

When the collective call is received on an area different from the one used by the receiver, the area display switches to the area where the call is received and the indication starts blinking.

- ☐ Set the handset on/off switch to off (is already on).
- ☐ Push the SEL button to change the current area.
- ☐ Set the on/off switch to on

**To join the conversation:**

- ☐ Depress the push-button IN on the front panel of the Auxiliary Unit.



The yellow LED G2 is lit to indicate that collective conversation is enabled.

*To terminate the conversation:*

- ☐ Move the handset on/off switch to off.

If the other parties maintain the line seized the yellow LED G2 will blink. The line will be return idle when the party who made the collective call completes it.

## **Selective Call**

### **► To make a selective call:**

- ☐ Raise the handset and set the on/off switch to on.

The idle line signal (continuous tone) will be heard and the green LED G1 is lit on all the ADM-1 equipments in the same area to indicate the seized line status.

- ☐ Dial the specific number (two-digit number) of the desired ADM-1 Equipment in the link.

### **► To answer a selective call:**

When a selective call is received, the green LED G1 starts blinking and the buzzer rings at a slow cadence.

- ☐ Raise the handset and set the on/off switch to on.

The green LED G1 stops blinking and stays lit steadily.

### **► To allow another party to join the conversation:**

- ☐ Either one of the conversing parties has to depress the push button IN on the front panel of the Auxiliary Unit.

The idle line signal (continuous tone) will be heard and the yellow LED G2 is lit on.

- ☐ Dial the specific number (two-digit number) of the third party you wish to join the current conversation.

### **To terminate the conversation:**

- ☐ Move the handset on/off switch to off.

This applies to the two parties who first established a conversation after a selective call.

If a third party, who joined the conversation later, moves the switch to OFF, he simply terminates his conversation without affecting the connection between the two other parties.

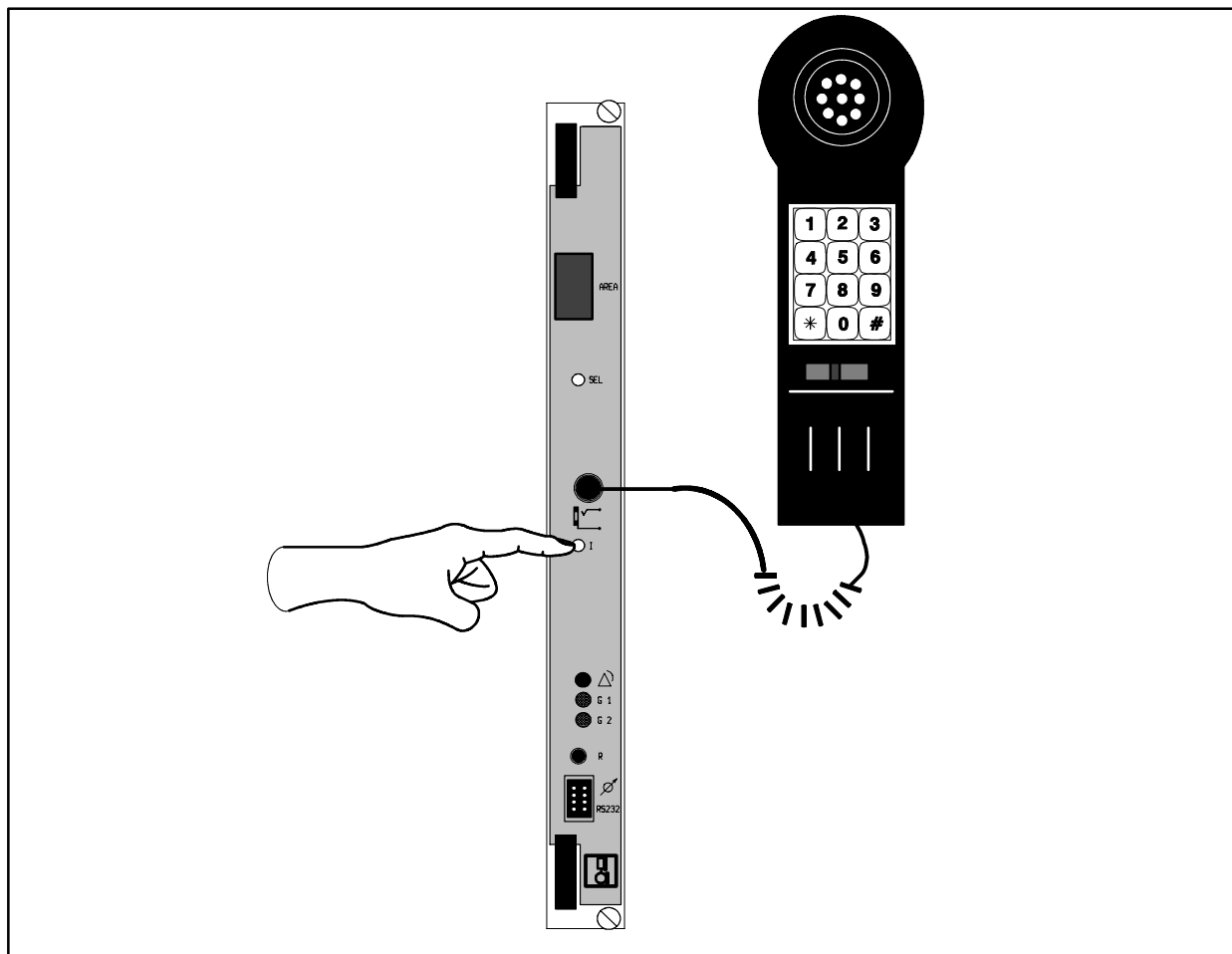
## Access to a Conversation

To cut in a conversation, established with a selective call, over the service line (green LED G1 lit), proceed as follows.

- ☐ Raise the handset and set the on/off switch to on.

The busy line signal will be heard.

- ☐ Press the push-button IN on the front panel of the Auxiliary Unit and keep it depressed.



The two conversing party will hear the access tone and the outsider will be able to cut in.

The access is interrupted when the push-button IN on the Auxiliary Unit is released.

## Insertion/Replacement of an Auxiliary Unit

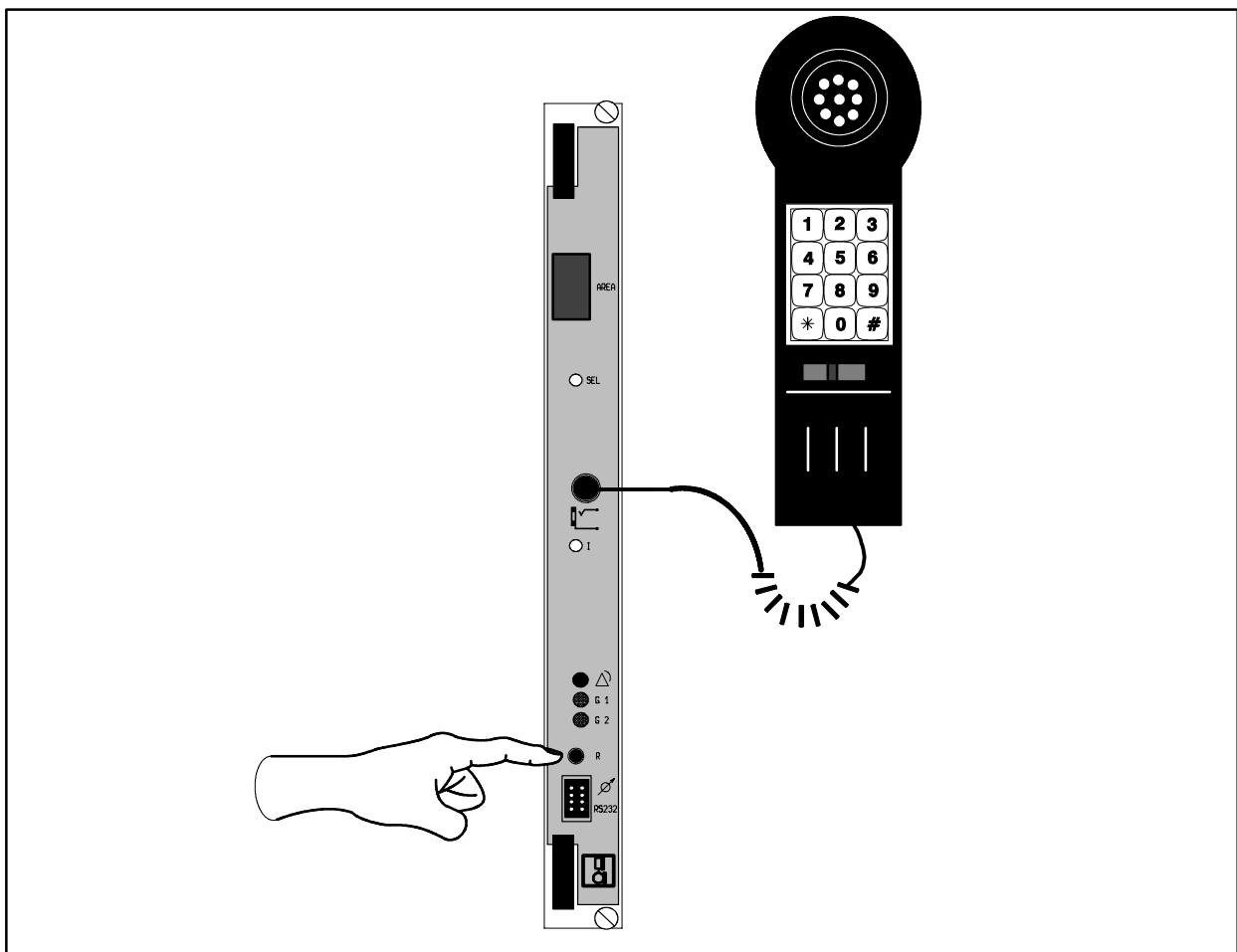
When Auxiliary Unit is either replaced or a new one is inserted, in attempt to make a call with the handset will results in an access tone being heard, on account of the Unit not knowing the status of the service telephone line.

If there are conversations on the service telephone line the conversing parties will hear also the access tone and the operator of the new Auxiliary Unit will be able to cut in.

It is anyway necessary to reset the service telephone line or wait until other users make a call on the service line before the Auxiliary Unit will know the status of the service telephone line.

► **To reset the service line:**

- ☐ Depress the push-button R on the front panel of the Auxiliary Unit

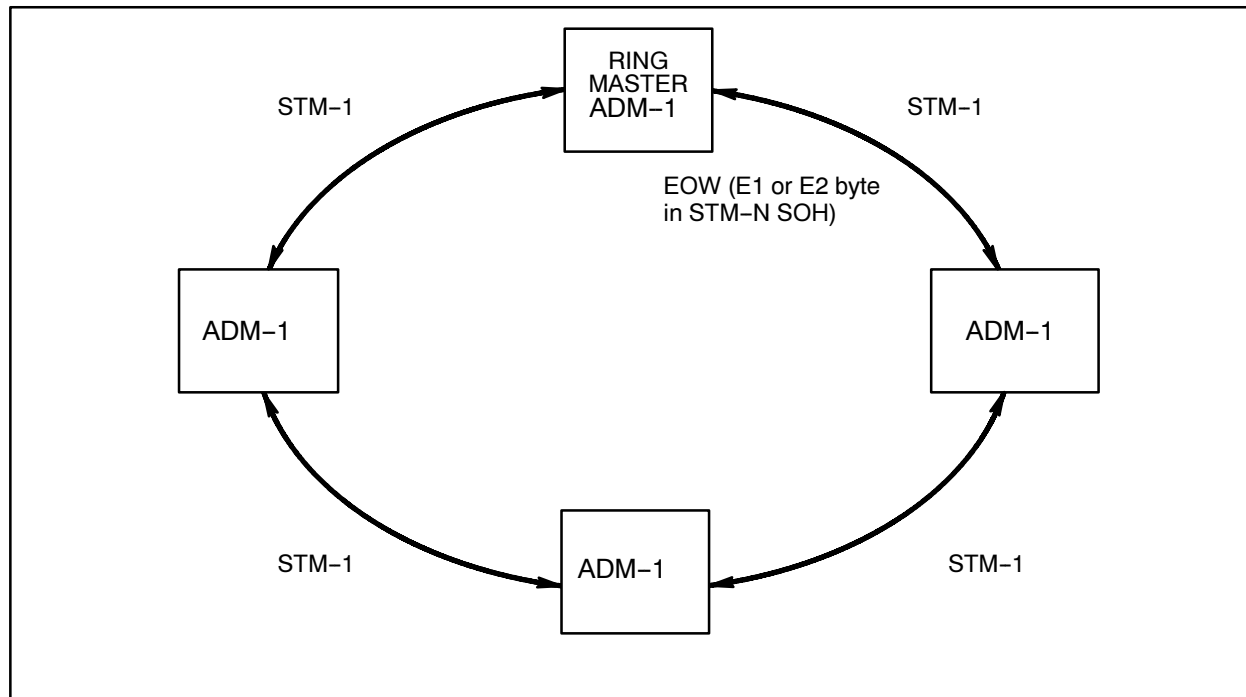


**IMPORTANT** *Resetting the service telephone channel will cause interruption of all service conversation and calls. Hence, before performing the reset operation the operator has to check that there are no conversations going on.*

## Making Calls in a Ring Network

In a Ring Network it is necessary to define the Ring Master ADM-1 Equipment to avoid loops on the EOW channels.

The Ring Master sends also a tone to check the integrity of the ring.



The Ring Master ADM-1 equipment is defined using the Local Controller.

## Phone Number Assignment

A telephone number should be assigned to each Auxiliary Unit in a link.

The telephone number for selective calls consists of two digits in the range from 11 to 99.

The digits 00 are reserved for collective calls.

The number can be set via software by means of the Local Controller or changing the setting of some Dip-switches on the Auxiliary Unit (see chapter "Hardware Settings"). The number defined via hardware pre-settings is used in startup phase of the unit.

Once the Auxiliary Unit is in service, the number defined by means of Local Controller has a higher priority.