

# Telephone set DBC 220 01

INSTALLATION INSTRUCTIONS



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# 1 GENERAL

## 1.1 SCOPE

The digital telephone sets (DTS) and peripherals described in these installation instructions are to be used together with the Mitel exchanges ASB 501 04, ASB 150 02 or equivalent.

The DTS is connected to a digital extension board, ELU28/3, or equivalent.

## 1.2 ENVIRONMENTAL REQUIREMENTS

The products covered in these installation instructions comply with the prerequisites stipulated for placing in office and exchange room environments.

## 2

## AIDS

Wall mounting requires additional screws.

## **3 PREPARATIONS**

Verify that it is possible to connect an extension line and check that a line cord is available.

## 4

## POWER EQUIPMENT

The DTS and its peripherals are powered from the extension line. Maximum power consumption: 1.5 W

## **5 EARTHING**

The DTS and its peripherals need no special earthing.

## 6

## CABLING

Maximum line length between DTS and extension line unit (ELU28/3) using EKKX 0.5 mm (180 ohms/km) cable: 1000 m (3280 ft).



## 7 INSTALLATION OF DTS

### 7.1 DELIVERY METHOD

The DTS body is delivered in a box together with one handset, one handset cord, two feet, designation label and designation cover.

### 7.2 CONNECTION OF THE HANDSET

The handset cord shall be connected with one end (short uncoiled) to the handset and the other end (long uncoiled) to the connector in the bottom of the telephone marked HANDSET. Use the cord guide to secure the handset cord to the DTS. Choose the proper guide to emerge the cord to the left or right side of the telephone.

### 7.3 CONNECTION TO THE EXTENSION LINE (NOT INCLUDED IN THE BOX)

The line cord shall be connected in one end to the wall box, see 1 Connection of extension line on page 9 , and the other end to the connector in the bottom of the set marked LINE.

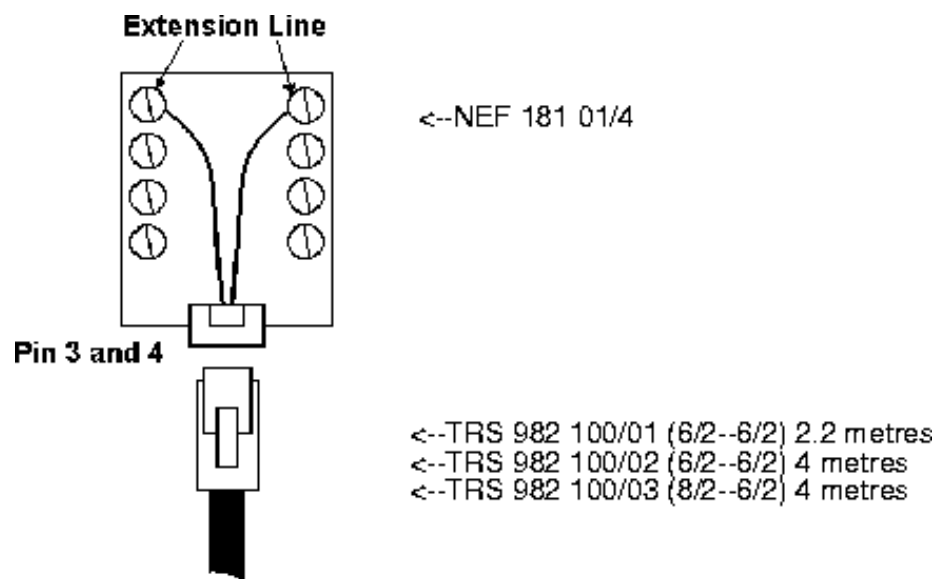


Figure 1: Connection of extension line

### 7.4 WALL MOUNTING

- Mount two screws (diam. 5.5 max) vertically with 100 mm distance and 9.5 mm space to the wall, see 2 Positions and dimensions for screws on page 10.
- Break away the two screw hole covers with e.g. a screwdriver.

- Dismount and turn the hook around, see 3 Changing the hook position on page 10
- If the adjustable feet are mounted they must be removed.
- Mount the telephone on the screws and press it down on the keyholes.

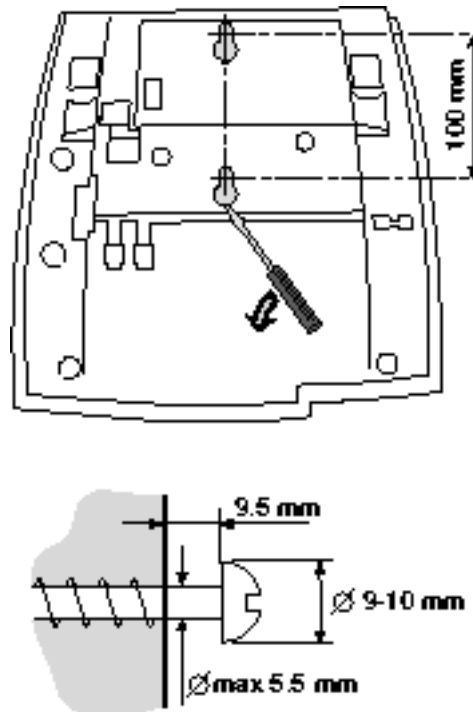


Figure 2: Positions and dimensions for screws

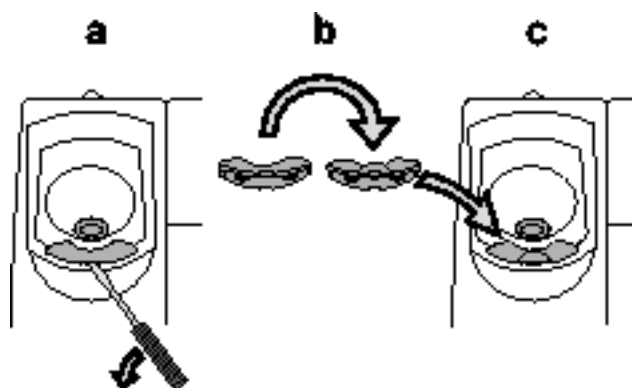


Figure 3: Changing the hook position

## 7.5

### USING DBC 22X 01 PHONES TOGETHER WITH CT ADAPTERS

When using a DBC 22x 01 phone together with a CT adapter, the phone must be configured for short signals. Follow the steps below to configure the phone for short signals:

1. Make sure that the phone is using a firmware with revision R4E or later.
2. Connect the line cord directly to a wall box, without using the CT adapter.
3. Press C, \*, and 4 simultaneously. A confirmation tone will be heard.
4. Activate short signals by pressing \* and 0 simultaneously.
5. Unplug the line cord from the wall box and connect it at the operator position, including the CT adapter.

This procedure can also be applied for reconfiguring the phone for long signals.

## 7.6

### POST INSTALLATION MEASURES

Connect the extension line and check that a call can be established from and to the DTS.