BJ-231 BJ ENABLER PHONE
User Guide
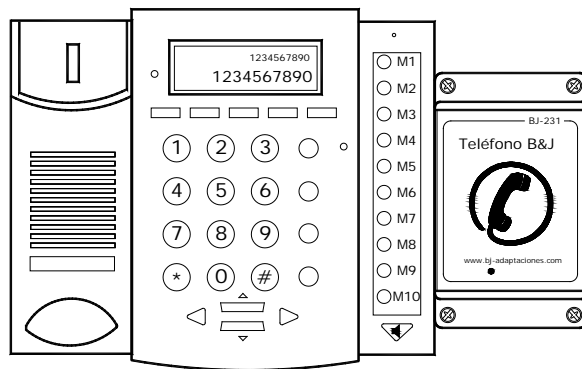
1_Description of the device

With this product you can control a hands-free telephone via any of the BJ System remote controls.

It contains two elements: A hands-free telephone model KERO KET-37HS, and an enabler belonging to the BJ System, specific to this telephone (Fig. 1).
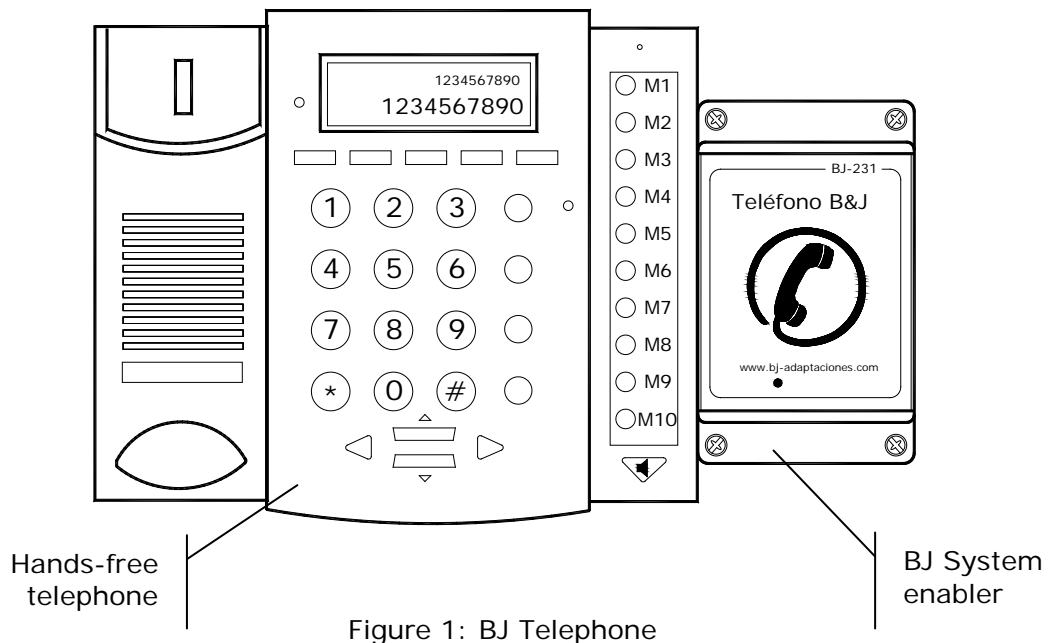

Hands-free telephone

BJ System enabler

Figure 1: BJ Telephone

2_Functionality

Besides the standard functions of a telephone, indicated in its user guide, you can control the telephone wirelessly via any of the BJ System remote controls.

In this case, the functions available are as follows:

○ Making calls with automatic dialling of numbers stored in any of the telephone's 10 **off-line** storage systems.

○ Making calls by dialling number by number any telephone number.

○ Answering calls made to your telephone.

○ Hanging up a call at any time.

○ Dialling numbers during a call to carry out control functions on exchanges or other automatic systems (DTMF), such as dialling an extension, for example.

3_Installation

To install the equipment you must make as many connections from the BJ System enabler (Section 3.1) as connections there are on the telephone (Section 3.2):

3.1. Installing the BJ System enabler

To install the enabler just connect it to an AC 230V power socket. The enabler's connection characteristics are indicated on the equipment's label.

IMPORTANT:

The enabler must be plugged in for the phone to work. Otherwise, the telephone will be locked. The device's pilot lamp indicates that the enabler is connected.

3.2. Installing the telephone

To install the telephone follow the device's User Guide, supplied with this product. It is important that the telephone's handle is correctly fitted to the base of the telephone and the base is connected to the telephone line.

For proper operation the supply cable supplied with the product must be connected.

IMPORTANT:

To ensure the numbers stored in the phone's memory are not deleted if the line goes down, the 4 rechargeable batteries supplied with the product should be installed in the compartment at the bottom of the phone. Only use type AAA 1.5V rechargeable batteries.

Whenever you connect or disconnect the batteries, the phone must be disconnected from the phone line.

4_Instructions for use

The phone can be used manually in the standard way as explained in the manufacturer's user guide.

Alternatively, you can also control it in two other ways: using BJ System controllers (4.1) and using switches (4.2).

4.1. Control using a BJ System controller

To control the phone using any BJ System remote control, you just need to program on the remote the codes that make the enabler activate the phone. Once you have programmed them, you will be able to access the phone's functions via the remote.

Below is a list of codes according to the action to be performed:

- **Picking and hanging up the phone**

To answer a call or end it, you must program the RF code assigned in to the phone's "Hands-free" button (consult the controller's User Guide to carry out this operation). The code is given in this table:

RF Code	Action
110	Pick up/Hang up the phone (Hands-free function)

When you receive a call and you want to answer it you just need to activate the cell on the controller that you have just programmed. You can end or hang up on a call with the same button.

- **Calling a number stored in the phone**

To dial a number from the memory, you must first store it in the phone's **off-line storage**. To do this, follow these steps:

1. With the phone not in use and the power supply connected, dial the number to be memorised.

2. Press the SAVE button.

3. Enter the number (from 0 to 9) corresponding to the memory position where you wish to store the phone number.

   NOTE: You can save a new number on top of a memory position already in use, by deleting the existing one.

To control the phone from the BJ remote control, you must program in the different cells of the remote, the RF codes that allow you to call the memorised numbers.

Below is a list of RF codes that activate the automatic dialling of the memory positions:

RF Code	Action
90	Call number in memory position **0**
91	Call number in memory position **1**
92	Call number in memory position **2**
93	Call number in memory position **3**
94	Call number in memory position **4**
95	Call number in memory position **5**
96	Call number in memory position **6**
97	Call number in memory position **7**
98	Call number in memory position **8**
99	Call number in memory position **9**

Once you have programmed the remote, you just have to press the corresponding button to execute the option. When the enabler receives the command, it makes the blue LED indicator flash three times to indicate that the call is being made. Then the enabler will pick up the phone and dial the number automatically. You do not need to pick it up first.

- **Call via number by number dialling**

To dial a number that is not stored in the phone, you must program on your BJ System remote control, the RF codes indicated in the following table, which correspond to the numbers from 0 to 9. In addition, it has codes assigned to the phone's control functions.

RF Code	Action
100	Activate number 0 on the phone
101	Activate number 1 on the phone
102	Activate number 2 on the phone
103	Activate number 3 on the phone
104	Activate number 4 on the phone
105	Activate number 5 on the phone
106	Activate number 6 on the phone
107	Activate number 7 on the phone
108	Activate number 8 on the phone
109	Activate number 9 on the phone

111	Activate cell * on the phone
112	Activate cell # on the phone

To enter a number you must first activate the cell on the remote control, which corresponds to the pick-up and hang-up function. This will activate the phone's hands-free function, and you will hear the dial tone through the loudspeaker.

You can then start to dial the phone number by activating one of the cells on the remote corresponding to the numbers to be dialled.

Every time the enabler receives a command, the ON indicator will be turned off for an instant.

4.2 Control via switch

The enabler for the phone has two sockets for switches that allow you to control the following functions:

Socket for switch 1 (left) (Figure 2): By activating this socket via a switch, the phone will be picked up and it will automatically dial the number stored in off-line memory position 1. If you activate it again during a call, it will be ended. By activating the socket, the ON light indicator will flash three times.

Socket for switch 2 (right) (Figure 2): By activating this socket via a switch, the phone will be hung up or picked up. If it was hung up it would be picked up and vice versa. By activating the socket, the ON light indicator will be turned off for an instant.
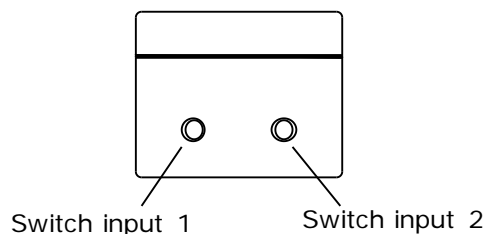
Figure 2. Enabler's switch sockets.

5_Maintenance

For the phone's maintenance see the manufacturer's user guide.

The enabler must only be cleaned using a damp soft cloth. Always carry this operation out with the enabler and the telephone disconnected.

In the event of a fault in the enabler, do not handle it and contact your distributor.

Under no circumstances should objects be inserted in the switch's sockets, other than floating connectors like those indicated in the enabler's characteristics.

6_Technical characteristics

o   Socket for 3.5-mm mono female jack switch.

o   Power supply: 230V~ / 50Hz.

o   Maximum power supply: 250V~

o   RF working frequency: 433 MHz

o   Dimensions: 220x190x50 mm

o   This product complies with European directives 89/336/CEE and 73/23/CEE; you can consult the declaration of conformity on the website given in this guide.

7_Suggestions

There are a wide range of switches and controllers to control this enabler, please see our catalogue.

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