

BJ-256 BJ CONTROL PRO

User Guide

SPECIAL NEEDS
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0. Introduction

The BJ-256 is a remote control that allows controlling several devices in your environment in a simple way. It can be accessed directly using the keypad or by means of an external switch using the scanning method. Its customisation options make the device fully adaptable to your needs.

With this device it is possible to control:

- All BJ System Enablers which allow controlling common elements around the home, such as lights, blinds, alarms, doors, beds, windows... using RF protocol.
- All devices around the home operated by infrared remote controls, including stereos, televisions, DVD players, etc.

1. Description of the equipment

This controller has 15 cells, each fitted with its own high-brightness LED. It also has one LED in the top right-hand corner that indicates the battery status (battery LED) and three more LEDs along the bottom that indicate the level (level LEDs). All these cells except for the one used to change levels can be used to control your devices. There are **8 different levels** (a set of programmable cells on the remote), so this remote control can be programmed with up to **112 different functions**.

Parts of the equipment:

- Infrared window
- LED battery status
- Cell LED
- Methacrylate cover
- Level LEDs
- Control input (switch connection)
- Micro USB port for battery recharging
- Reset button

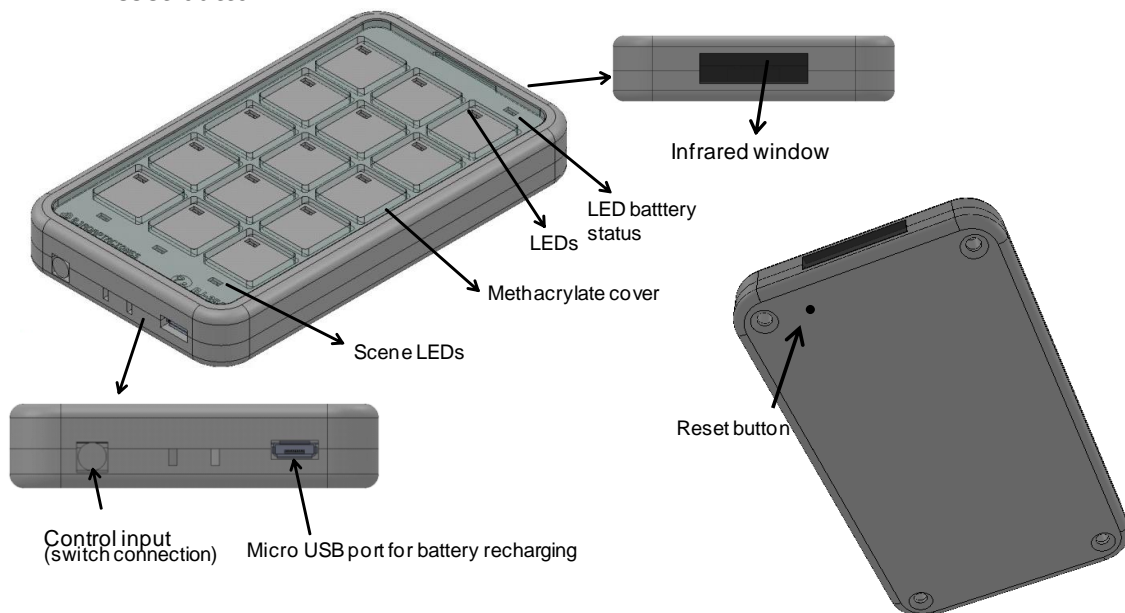


Figure 1. 3D view of BJ-256 remote control with top and bottom edges.

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Icons, images or text can be added to the cells to indicate the element that they control. Each cell can contain icons, images or text for up to 4 functions (4 levels) as shown in the figure below. The template is designed using the software included with the remote.

This software can be also downloaded from the product's webpage (www.bjliveat.com)

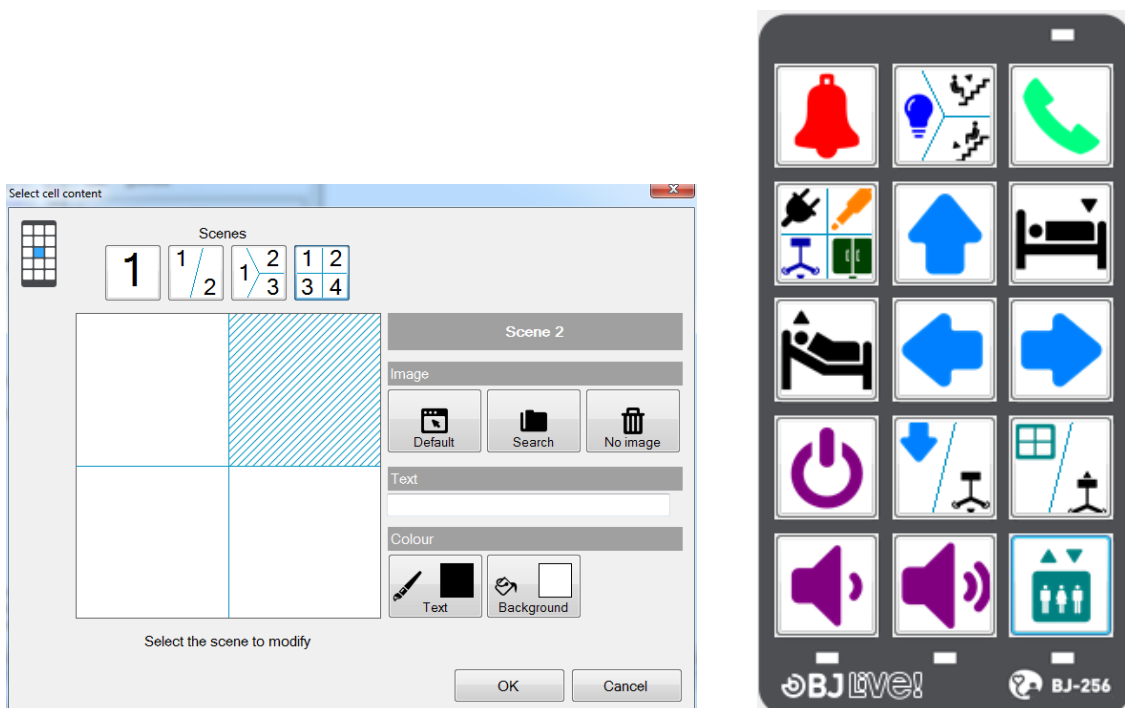


Figure 2. Cells on the BJ-256 remote control

The template needs to be printed on see-through paper so that the light from the LEDs can be seen through it.

The remote control includes a **methacrylate cover** and an ergonomic keypad with configurable tremor-control. It is equipped with a control input for connecting a switch next to the micro USB port, and an infrared port for recording and reproduction located on the top end of the remote. It is powered by a **long-life battery** that can be recharged by connecting it directly to the USB port of a computer or using the charger supplied with the remote. The reset button of the remote control is located on the back of it. It can be reset any time it fails to respond properly and all your settings will be saved.

To remove the methacrylate cover, press gently with your fingers between keys 2 and 14 using a pinching movement in order to bend the cover. Once the cover is in a curved position, you can remove it by lifting one of the sides and releasing the tabs.



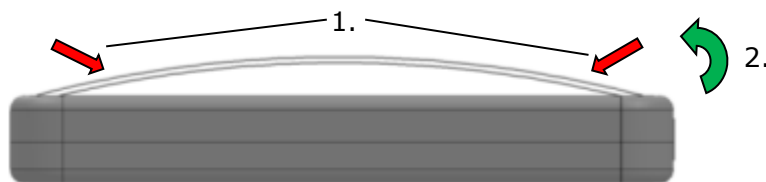


Figure 3. Removing the cover

To reattach the cover, first insert one of the tabs in the position shown in Figure 4. Then flex the cover slightly and insert the tab on the opposite side.

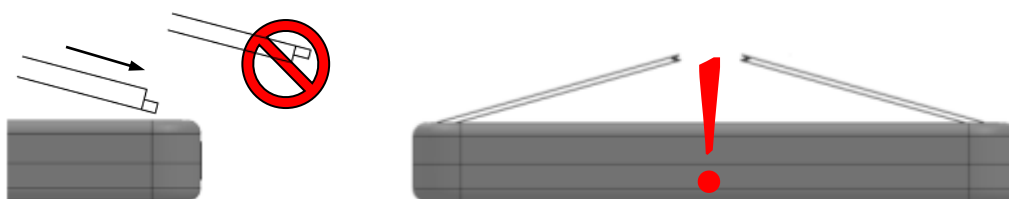


Figure 4. Attaching the cover

IMPORTANT: DO NOT use too much force to bend the cover as it could break down.

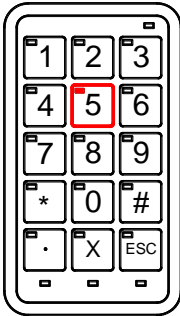
2. Basic operation

The remote control can be operated directly by pressing the keys on its keypad ("direct control") or by using a switch and the scanning selection option ("sequential control").

2.1 Enabling a cell for direct control

The steps for enabling a key with the "direct control" functionality are as follows:

1.	Check that the battery is charged. To do this, check that the LED indicating the battery status (see Figure 2) is not flashing . If the battery status LED is flashing red, you need to charge the battery by connecting the charger supplied with the remote control to a USB port on a computer. When the battery LED turns green, this means that the battery is charged and you can continue to step 2 after you have disconnected the charger.
2.	Follow the instructions in section 3 of this manual to programme the key on the remote that you want to use (e.g. key 5).
3.	Prepare the device that you wish to control according to its instructions.

4.	Enable the programmed key (e.g. key 5) directly by pressing it. When you press down on the key, its LED will turn red and it will perform the programmed action.	
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The remote uses radio frequency signals to control BJ System receivers, so you can activate the receiver without the need for a direct line of sight between the remote and the receiver.

Infrared signals are used to control devices operated by remote controls that have been copied to the Control Pro. In this case, there must be a direct line of sight between the remote control and the receiver, just as there would with the original remote control.

2.2 Enabling a cell for scanning control

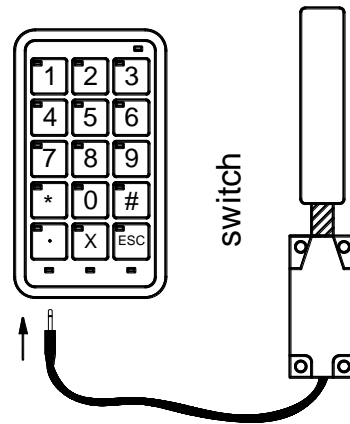
This section explains how to enable a cell on the remote for use with the "scanning" feature. Although the way that cells are used can be configured to suit the needs of the user, the scanning control feature comes with a default configuration that can be used to enable a cell as detailed below.

1.	Check that the battery is charged. To do this, check that the LED indicating the battery status (see Figure 2) is not flashing . If the battery status LED is flashing red, you need to charge the battery by connecting the charger supplied with the remote control to a USB port on a computer. When the battery LED turns green, this means that the battery is charged and you can continue to step 2 after you have disconnected the charger.
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2. Connect the switch to the "control input" on the remote control.

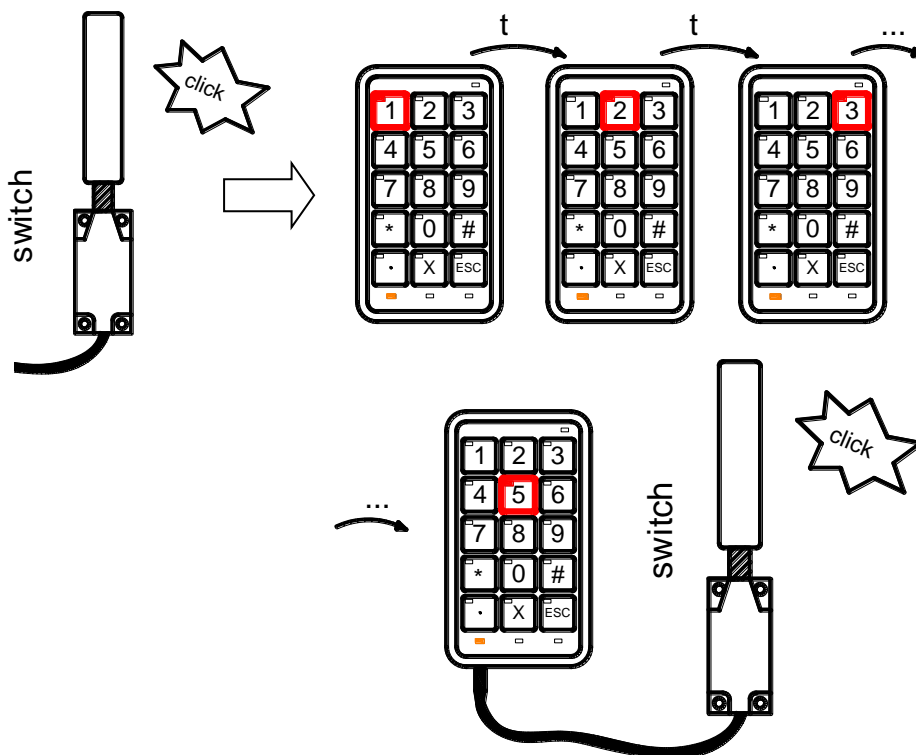


3. Press the switch once to begin scanning. While scanning is in progress, the level LED will turn yellow.

When the LED of the cell you want to enable lights up, press the switch again to select it.

If this cell is already programmed, as explained in section 3, the programmed action will be carried out.

Once you have finished, if you want to start again, press the switch again.



How a key is selected and the speed of scanning are parameters that can be configured to suit user requirements. In this configuration, the user can use the switch to access each of the cells on the remote and enable them.

NOTE: Sometimes, when the switch is connected, the LEDs of the different keys may automatically turn red in sequence. This indication of the enabled status of the different cells is known as **scanning**.

2 Changing levels

A level is a set of programmable cells on the remote. To increase the number of devices controlled, you can change the level on the remote. When the remote changes level, the functions programmed in the cells are stored but are no longer active. This way, you can programme the 14 cells again to control 14 new devices.

For example, you can programme cell 3 to set off an alarm in level 1 and to turn on the television in level 2.

The remote has **eight levels** and up to **112 programmable functions** (14 cells in each level).

To **change the level**, activate the key that was programmed to change levels. By default, this is the last key (key 15), which is represented on the programming template with the symbol "S" or "ESC". You can also change levels using any other key in which the code 300 has been recorded.

The number of levels set by default is 4. Follow instructions of section 7 to increase the number of levels.

The current level of the remote is indicated by the level LEDs:

Level	Level LEDs
1	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
2	<input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3	<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
4	<input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
5	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
6	<input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>
7	<input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
8	<input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/>

Any time you wish to change levels, you will need to activate the level change key and cycle through the levels. After level 8, you will be taken back to level 1.



Until this key is activated, the remote will remain permanently in the selected level.

Once a level has been selected, the programming and operation of the remote are as described in sections 1 and 3 of this manual.

NOTE: If code 300 was recorded in one of the 15 programmable keys, that key can also be used to change levels.

3 Programming

To get the most out of your remote, you need to programme each key with the desired functions. For example, key 1 could be programmed to set off an alarm, and keys 2 and 3 to turn the volume on the television up and down.

How they are programmed depends on the type of device you wish to control, i.e. whether it is a BJ System receiver or a device that works with infrared (devices that already have a remote control, like televisions, DVD players, stereos, etc.).

The keys are programmed in the same way regardless of how they are activated, i.e. regardless of whether you operate the control by direct touch or by scanning.

3.2 Programming for BJ radio frequency receivers

To control BJ System receivers, you must assign the RF code identifying the receiver to the key on the remote that will be used to operate this receiver.

ADDITIONAL INFORMATION:

What is an RF code?

For a remote to control the various receivers you have installed, each receiver must be identified by a code that differentiates it from the others. Hence, each receiver has an "RF code selector" that allows you to assign a code to it. By programming this code in the BJ System remote, you can control each of the receivers you have installed. See the user manual of the receiver you wish to control to find out its RF code.

Once you have the information on the code to programme, follow these steps:

1. Choose the level you require.
2. Select the programming mode on the remote.
3. Choose the key you wish to programme.
4. Save the code to programme.

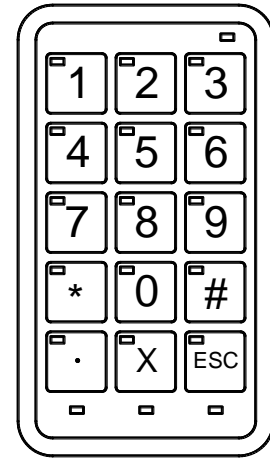
IMPORTANT: The RF code programmed into the remote must always be a three-digit number, so if the code indicated for the receiver only has 2 digits, add a 0 in front. For example, if you have a receiver for a socket with the code 37, programme the remote with the code 037.



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It is a good idea to use the programming template when programming as it indicates the numbers and functions associated with each key.

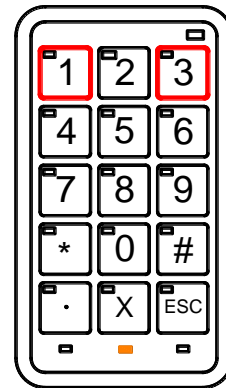


Programming template

In the following example, we will programme key 2 in level 1 to control an alarm receiver with an "RF code" of 25. The programming steps are as follows:

1. Select the programming mode on the remote

Simultaneously activate the keys numbered 1 and 3 on the programming template. The battery LED will turn green.



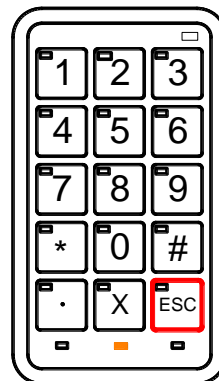
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2. Choose the level you require

It is possible to select up to 8 levels. The level LED indicates which level we are currently in. By default, the remote selects level 1 (no level LED is lit up).

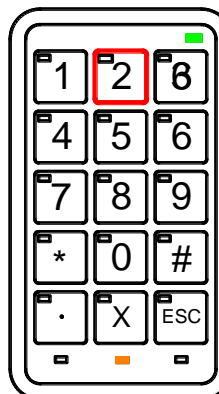
To change levels, simply press the cell on the remote that you assigned level changing to.



3. Choose the key you wish to programme

In this step, you need to choose which key on the remote you want to assign receiver control to. In the example here, this is the number 2 key.

All keys can be programmed with functions except for the one used to change levels, which is typically key number 15 (represented by the symbol "S" or "ESC"), but it can also be any other key that has been programmed to change the level.



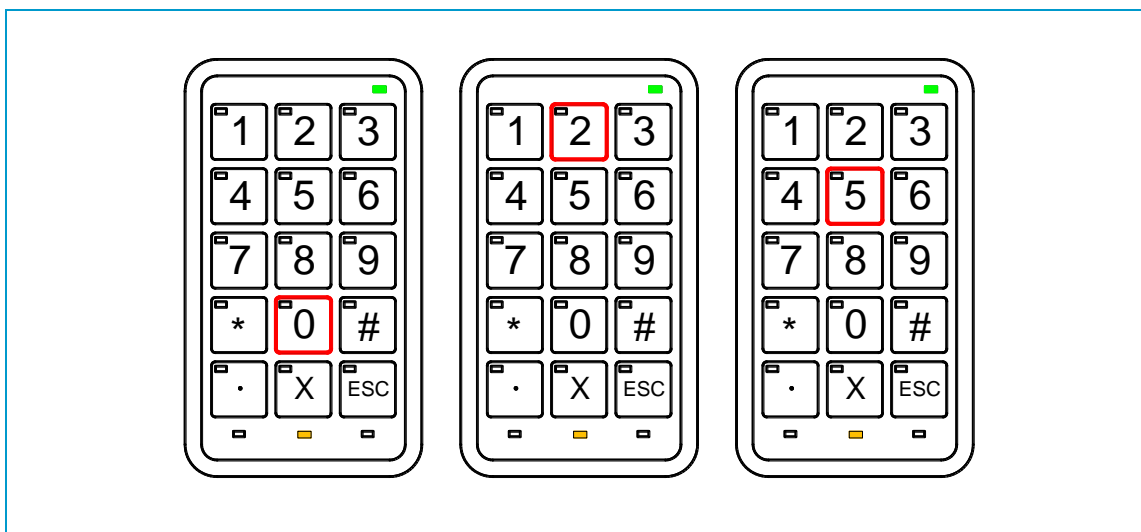
4. Record the receiver code

In this step, the digits of the receiver code are entered one by one.

In the example given (code 025), we must first press the 0 key, followed by the 2 key, and then the 5 key. The LED of each key will turn red for a second when it is activated.

Then, if programming was successful, the remote returns to the standby position, except for the LED indicating the selected level which, if levels 2 or 3 are selected, will turn yellow.





IMPORTANT: You can exit programming by activating the last key ("S" or "ESC" key) again at any time during the process.

NOTE: Code 255 cancels all functions assigned to a key.

3.3 Programming for infrared receivers

Prepare the remote you want to duplicate. Make sure that there are no other infrared devices switched on in the room (some laptops, mobile telephones and other devices could interfere with the recording process).

When duplicating a remote control for a device, you need to remember that each key on the remote can only be programmed with a single function of the remote control of the device. For example, if you wish to control the volume of a stereo system, you need to record the "volume up" function on one key (e.g. key 2) and the "volume down" function on another (e.g. key 3).

To programme an infrared function, follow steps 1, 2 and 3 of the previous section for RF code recording, and then:

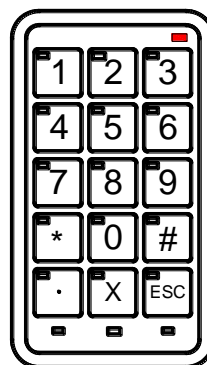
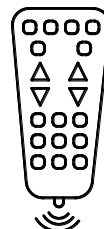
1. Choose the level you require
2. Select the programming mode on the remote
3. Choose the key you wish to programme
4. Enter the code 000

In this step, enter the **code 000** by pressing the 0 key on the remote three times in a row. After 1 second, the battery LED will turn red, indicating that the remote is ready to record the infrared signal.

5. Record the infrared signal on the Control Pro

a) Point the remote control that you wish to duplicate at the "infrared recording" port (see Figure 2) of the Control Pro and press the button on the remote that you wish to duplicate.

b) When the Control Pro has stored the function of the other remote, the battery LED will switch itself off, indicating that programming has ended.



Code 400: When this code is used to record infrared signals instead of code 000, the device will perform the programmed action for as long as the key is pressed.

For example, if the action recorded is "turn up the volume on the television," if code 000 was used, when you press the button where the signal was recorded, the volume on the television will be turned up one level. However, if you used code 400, the remote continues the action, so the volume will continue to rise until you release the button.

Code 500: This code is used for the dual recording of the infrared signal. This is a useful feature because the infrared signal emitted by some consumer devices can change even when the same button is pressed (e.g. the same button switches the television "on" and "off"). With this code, you can record the different signals emitted by the device to resolve situations where the recorded action would otherwise only work half of the time.

To begin, record the first press of the button on the remote control you wish to copy using code **000** and then record the second time it is pressed using code **500**. Check that they were recorded correctly; if not, repeat the process until they are recorded correctly. If after five attempts you have not managed it, contact your dealer as it may be possible that the two remotes are incompatible.

3.4 Macro programming with sequences of up to 7 consecutive actions

A macro is a series of actions performed sequentially in a set space of time. For example: open the door to the building, turn on the hall light and call the lift. To programme macros, follow steps 1, 2 and 3 for RF code recording. The next steps to follow are explained below:

1. Choose the level you require

2. Select the programming mode on the remote

3. Choose the key you wish to programme

4. Enter code 700

In this step, you need to enter code 700. The battery LED will turn green and the three level LEDs will light up.

5. Enter each code of the sequence

- a) If you enter **RF codes**, remember that you must enter each one as a 3-digit code. The level LEDs will flash after each code is entered.
- b) To enter **IR codes**, follow the instructions in section 3.3: Choose the level you require - Select the programming mode on the remote - Choose the key you wish to program - Enter the code 000 - record the IR signal by facing the original remote and the Control Pro IR port.

NOTE: Up to 7 codes (RF or IR) can be entered in each key.

6. End the sequence

To end the sequence, enter code 700. The battery LED and three level LEDs will switch themselves off and the remote will return to standby mode.

To record a macro with numbers, for example "channel 17" in one cell: 1) Choose the level you require. 2) Select the programming mode on the remote. 3) Choose the key you wish to program. 4) Enter code 700. 5) Press 000, then first number in the macro (1) Then 000 again and second number (7). Finish entering code 700.

IMPORTANT: Remember that you can only enter 7 codes for each key, including a maximum of 7 IR codes.

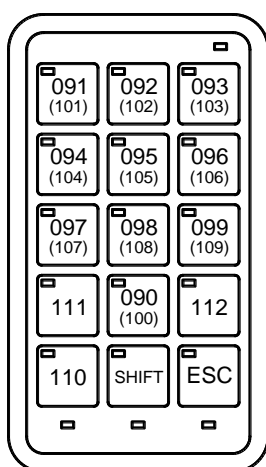
NOTE: When the sequence is activated, there will be a 1-second time lag between the actions.



3.5 Direct programming of a complete telephone control level

If you wish to control a BJ telephone, you can programme the remote directly with all the keys and memories stored in the telephone. For this type of programming, follow steps 1, 2 and 3 for RF code recording. To make programming simpler, you should follow the steps below according to your specific case:

- a) **To record all keys and memories** stored on the BJ telephone, enter **code 600**. This code affects the entire level. By entering code 600, each cell on the remote control in the selected level will be programmed with the following RF codes:



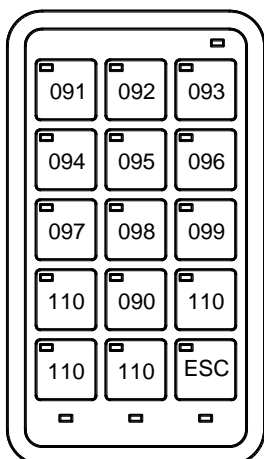
Codes 90-99= memories stored in the BJ telephone

Code 110 = pick up and hang up

Codes 100-112 = numerical keys on the BJ telephone

If you press the key with the code 91, the telephone dials the number stored in memory 1. When you press the [SHIFT] key, the next time a key is pressed, the value in brackets will be sent, i.e. if you now press the same key as above, number 1 will be dialled. The [SHIFT] key does not affect the other functions of the remote and is not disabled if a key without a dual value is pressed.

- b) **To record memories only**, enter **code 601**. This code affects the entire level. When you enter the code 601, each cell on the remote in the selected level will be programmed with the following RF codes:

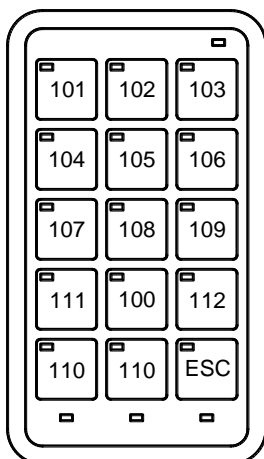


Codes 90-99= memories stored in the BJ telephone

Code 110 = pick up and hang up

If you press the key with the code 91, the telephone dials the number stored in memory 1, and so on.

- c) **To record telephone keys only**, enter the **code 602**. This code affects the entire level. When you enter the code 602, each cell on the remote in the selected level will be programmed with the following RF codes:



Codes 100-112 = numerical keys on the BJ telephone

Code 110 = pick up and hang up

If you press the key with code 101, number 1 on the BJ telephone will be dialled, and so on.

4 Scanning types

This section describes the different types of scanning that can be configured on the remote when used in "sequential control" mode.

It is a good idea to select the type of scanning that suits you because this can make it significantly easier to use the cells on the remote.

Type 1: cell-to-cell scanning

- Connect the switch to the control input (Figure 2).
- To enable scanning, press the switch. The different cells will be highlighted sequentially, one by one.
- Press the switch again to activate the cell whose LED is lit at that moment.

Type 2: scanning by rows and columns

- Connect a switch to the control input (Figure 2).
- To enable scanning by rows, press the switch. The different rows of the remote will be highlighted sequentially, one by one.
- To select a row, press the switch again. Each of the cells in that row will then be highlighted sequentially (scanning by columns within the selected row).
- Press the switch again to activate the cell whose LED is lit at that moment.

NOTE: Sometimes, when the switch is connected to the remote via the control input, the LEDs of the different cells begin to light up in sequence. This is not a malfunction. Once the LED of every cell has lit up, the remote will go into standby mode, ready for use.

NOTE: Full scanning is performed just once any time you press the switch. To repeat it, press the switch again.

5 Configuring the remote

We recommend configuring the remote to suit your needs when you use it in "sequential control" mode. Configuring the remote correctly will ensure more efficient and convenient access and control. This section describes the various parameters that can be configured. Section 7 of this manual describes how you can modify any of these parameters.

The parameters that can be configured are:

- **Scan time**

Indicates the time elapsed between one cell lighting up and the next, or between one row and the next. Values from 0.1 to 9.9 seconds can be entered. The values must be entered in the format "x.y" [seconds][.] [tenths of a second].

- **Scan mode**

You can choose between the two types of scan described in the previous section: cell-to-cell scanning and scanning by rows and columns. The codes to enter are 000 (simple scanning) or 001 (scanning by rows/columns).

- **First scan option extra time**

Extra time needed for the user to activate the switch a second time in order to activate the first cell. Values from 0.1 to 9.9 seconds can be entered. The values must be entered in the format "x.y" [seconds][.] [tenths of a second].

- **Accidental press time**

Refers to the time after the switch is pressed during which the remote ignores subsequent presses. For example, if a time is set of 0.5 seconds after the switch is pressed, the remote will ignore further presses until this time has elapsed.

Increase this value if the switch may be unintentionally activated repeatedly just after it has been intentionally activated.

The values must be entered in the format "x.y" [seconds][.] [tenths of a second].

- **Levels**

This determines the maximum number of levels you wish to have available on the remote both for scanning and for use as a direct control, up to a maximum of eight. Codes 001, 002, 003, 004, 005 and so on should be entered.



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- **Scan buttons**

Indicates the number of active cells on which you wish to scan. To indicate the number of cells, enter a number from 001 to 015. If less than 15 buttons are configured and a change of level is required, one button needs to be programmed to change levels. The number of scan buttons configured will be the same in every level.

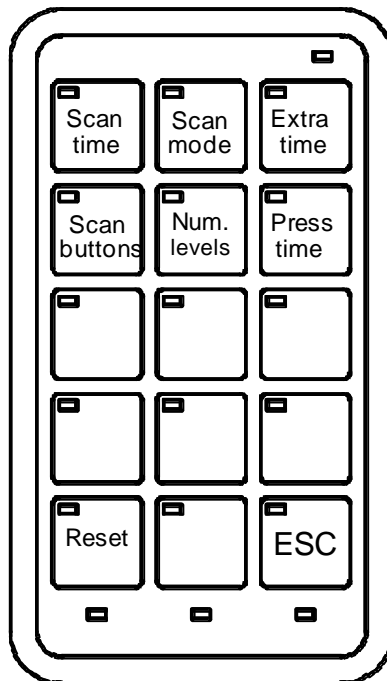
- **Restore factory default settings**

This option sets the value of all parameters to their factory defaults. Code 000 should be entered to reset the remote. If any other value is entered, the remote will do nothing. The number of levels set by default is 4 and the number of cells 15, including the key for changing levels.

IMPORTANT: All key programming is lost when the factory default settings are restored.

To configure any of these parameters, follow the process outlined below.

The figure below shows the template required for configuration. It shows the relationship between each of the cells and the parameter to be set.

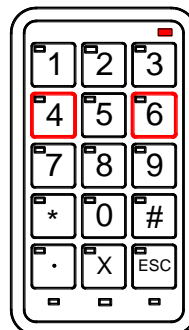


To help clarify the explanation, the following description includes an example of the configuration of a scan time, with the value set to 2 seconds.



1. Enable the configuration mode on the remote

To enter the remote configuration mode, press keys 4 and 6 simultaneously. The battery LED will turn red, indicating that the remote is ready to be configured.

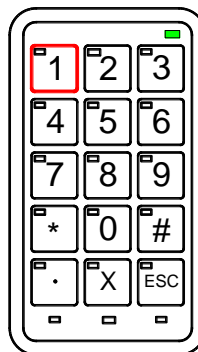


2. Select the parameter to set

Activate the cell for the parameter you wish to set, following the instructions in the configuration template (Figure 3).

In the example shown, if we wish to change the scan time we will need to press the 1 key.

The battery LED will turn green, indicating that the remote is waiting for the value of the parameter.

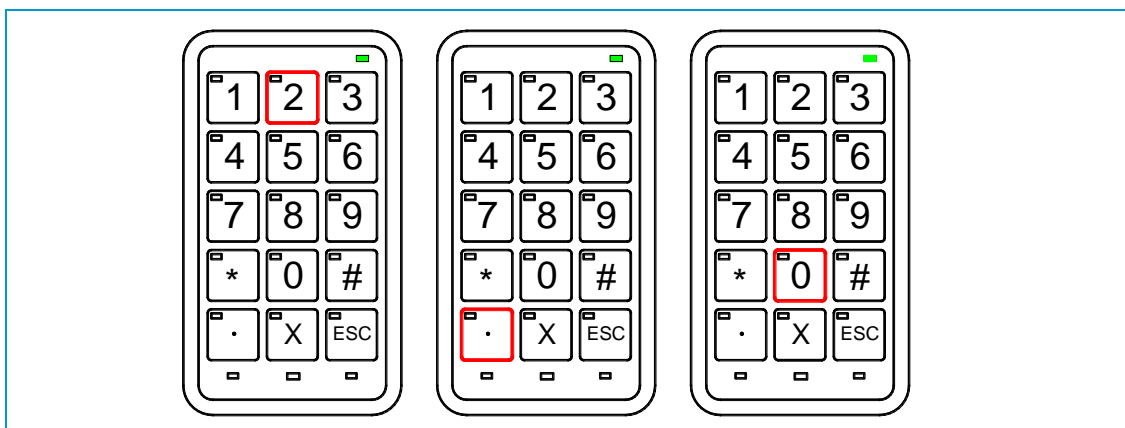


3. Select the parameter value

In this step, we must enter the value of the parameter in the format indicated in section 6.

In our example, to enter a scan time of 2 seconds, we must press the "2" key followed by the "." key and then the "0" key, using the format "x.y".

Once the process is complete, the start-up sequence will run, i.e. all the LEDs on the remote will light up for an instant to confirm the reading of the new value.



6 General features

- 3.7 V, 900 mAh lithium ion battery
- Micro USB charging connector
- 112 programmable functions in 8 levels
- RF working frequency: 433 MHz (ISM)
- Dimensions: 114 x 65 x 14 mm
- 3.5mm jack input connector, for scanning switch

7 Proper care and use of the device

- Keep the device dry. Moisture and liquids may damage the parts or electronic circuits of the device. Water damage to your device may void the warranty.
- Do not use or store the device in dusty or dirty areas. Dust may cause the device to malfunction.
- Do not leave the device on a sloping surface if it is not properly secured. Do not drop the product or subject it to impacts. It may be damaged if dropped.
- Do not store the device in hot or cold areas. Use it at temperatures between 0°C and 50°C. The device could explode if left inside a closed vehicle as the internal temperature could reach 80°C.
- Do not expose the device to direct sunlight for long periods (e.g. on the dashboard of a car).
- Avoid letting the device come into contact with metal products that could scratch the surface. Avoid storing the device in your pockets as it could be damaged if it is bent or deformed, or parts may stop functioning correctly.
- Do not store the device near magnetic fields.
- Do not store the device in or near heaters, microwaves, hot cooking equipment or high-pressure containers, because the battery may leak and the device could overheat and cause a fire.
- Press the keys gently and do not use sharp objects that could damage the surface of the keypad.

BJ-256 BJ Control Pro

User Guide

- Do not disassemble, modify or repair the device. Any changes or modifications made to your device could void the warranty.
- Do not paint your device or attach stickers to it.
- When cleaning the device:
 - Use a towel or soft cloth to clean the device and charger.
 - Do not use chemicals, detergents or solvents.
- Do not use it for any purpose other than that for which it was designed.
- The device is not a toy. Do not allow children to play with it because they could hurt themselves and others or damage the device.
- Only allow qualified professionals to service your device.

Medical devices

- Radio equipment can interfere with the functioning of medical devices that are not suitably protected. Consult a physician or the manufacturer of the medical device to determine whether it is adequately shielded from external radio frequency energy.

Implanted medical devices

- Manufacturers of medical devices recommend a minimum separation of 15.3 centimetres (6 inches) between a wireless device and an implanted medical device such as a pacemaker or implanted cardioverter defibrillator, to avoid potential interference with the medical device. Persons who have such devices should:
 - Always keep the wireless device more than 15.3 centimetres (6 inches) from the medical device.
 - Not carry the wireless device in a breast pocket.
 - Move the wireless device away if there is any reason to suspect that interference is taking place.
 - Follow the manufacturer directions for the implanted medical device.
 - If you have any questions about using the wireless device with an implanted medical device, consult your doctor.

Operating environment

- During infrared recording, make sure that there is nothing nearby generating an infrared signal. Note that some types of fluorescent lighting emit infrared signals.
- Other products that use the same frequency band (433 MHz) as this remote control can interfere with the control of the receivers. Make sure that neither the remote nor the receivers are located near these sources.



Potentially explosive environments

- Do not use the device in any area with a potentially explosive atmosphere. Follow the instructions.

8 Battery use, care and safety

- The battery installed in the remote is a single lithium ion cell. The battery will slowly lose its charge. Even if you do not use the remote, the battery will self-discharge after a time. Depending on how long the product was stored for, the battery may be discharged when you purchase the product. If this is the case, fully charge it before using the product.
- The battery can be charged and discharged countless times but it will eventually wear out. You will need to replace the battery when the battery life is noticeably shorter than normal. To do this, contact BJ Adaptaciones to replace it.
- The full charging time of the battery can vary between 2 and 3 hours.
- Lithium ion batteries can be charged before they are fully discharged because they are not susceptible to the memory effect. We do not recommend charging the battery before it has lost 5% of its charge. This will cut down on unnecessary charging that can be harmful due to the increase in temperature. Charging and discharging quickly and often will increase the inaccuracy between the battery charge status and power meter readings.
- Leaving the battery in a depleted condition for an extended period accelerates the decrease in full charge capacity.
- Leaving the battery at a high level of charge in a high-temperature environment for extended periods (> 60°C) also accelerates the loss of capacity.
- Frequent full charges and discharges put stress on the battery and drastically reduce its lifespan.
- Lithium ion battery cells suffer gradual, irreversible capacity loss with each discharge-charge cycle. Such ageing occurs more rapidly as temperature and discharge loads increase.
- Try to keep it between 15°C and 25°C (59°F and 77°F). Extreme temperatures reduce the capacity and lifetime of the battery. A device with a hot or cold battery may not work temporarily.
- When the battery is fully charged, disconnect it from the charger, as overcharging may shorten the battery's lifetime.
- This equipment is not designed to run on an external power supply.
- The correct way to disconnect the device from an external power supply is, firstly, to unplug the cable from the socket transmitting the electricity to the power supply/equipment charger. You may then remove the connector socket directing the voltage to the actual equipment.
- You should do this the other way round when connecting to the power supply.

- When you unplug a charger or an accessory, hold and pull the plug, not the cord.
- When your charger is not in use, unplug it from the electrical plug and the device.
- Do not use the charger outdoors.
- Use the battery and charger for their intended purposes only. Improper use, or use of unapproved batteries or chargers may present a risk of fire, explosion, or other hazard, and may invalidate any approval or warranty.
- If you believe the battery or charger is damaged, contact BJ Adaptaciones to have it inspected before continuing to use it. Never use a damaged charger or battery.

9 Correct disposal of this product

- At the end of its life, this product and its electronic accessories (e.g. charger or USB cable) should not be disposed of with other household waste.
- To prevent possible harm to the environment or human health from uncontrolled waste disposal, please separate these items from other types of waste and recycle them responsibly to promote the sustainable reuse of material resources
- Household users should contact either the retailer where they purchased this product, or their local government office, for details of where and how they can take these items for environmentally safe recycling.

Correct disposal of batteries in this product

- The batteries should not be disposed of with other household waste. Where marked, the chemical symbols Hg, Cd or Pb indicate that the battery contains mercury, cadmium or lead above the reference levels in EC Directive 2006/66. If batteries are not properly disposed of, these substances can cause harm to human health or the environment.
- To protect natural resources and to promote material reuse, please separate batteries from other types of waste and recycle them through your local, free battery return system.
- Do not dispose of batteries in a fire as they may explode. Dispose of batteries according to local regulations. Recycle when possible. Do not dispose as household waste.
- Do not dismantle, cut, open, crush, bend, puncture, or shred cells or batteries. If a battery leaks, do not let battery liquid touch skin or eyes. If this happens, immediately flush the affected areas with water, or seek medical help.



