



Digital Key Telephone Quick Guide

LDP - 9030D

Please read this manual carefully before operating your set.
Retain it for future reference.

Important Safety Information

To prevent the unexpected danger or damage please read this information before installing and repairing the phone. There are “**Warning**”, it means as follows;



Warning: To reduce the possibility of electric shock, do not expose your phone to high humidity areas, such as a bathroom, swimming area, etc.



Warning

1. Only trained and qualified service personnel shall install, replace or service the phone.
2. Do not spill liquid like water on the phone. **If so, call for the service center as this may result in a fire or an electric shock.**
3. If you see smoke or smell something during, unplug the phone line. Call for service centre immediately.
4. Do not tug the power cord or the phone line. **This may result in a fire, an electric shock or equipment damage.**
5. Do not use the phone during a thunderstorm. Lightning strike may result in a fire, severe electrical or acoustic shock.
6. Ensure that children do not pull on phone cords. This may injure children or result in equipment damage.
7. The ear-piece houses a magnetic device which may attract pins or small metal objects. Keep handset clear of such objects and check before use.
8. Avoid placing the phone in an area that is dusty, damp or subject to vibration.
9. Choose a site that is dry and well ventilated.
10. Do not put the heavy things on the phone.
11. Do not drop or throw the phone.
12. Static electricity discharge will damage electronic components.
13. Keep out of direct sunlight and away from heat.
14. No user serviceable parts inside. No not insert a screw driver or any metal objects into the phone. This may cause electric shock or damage the equipment and will render the warranty void.
15. Clean the phone with a soft, dry cloth only. Do not use volatile liquids such as petrol, alcohol or acetone as this may cause a fire or result in discoloration or damage to plastics. Do not clean with wax or silicon products as these may enter the equipment and cause operation to become unreliable.



Disposal of your old appliance

1. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the European Directive 2002/96/EC.
2. All electrical and electronic products should be disposed of separately from the municipal waste stream via designated collection facilities appointed by the government or the local authorities.
3. The correct disposal of your old appliance will help prevent potential negative consequences for the environment and human health.
4. For more detailed information about disposal of your old appliance, please contact your city office, waste disposal service or the shop where you purchased the product.



Fixed Feature button definition

Button	Description
3 Soft	Used in conjunction with fixed and flexible features, and the function changes in relation to call progress, as indicated on the LCD display.
Page	Used to change more additional functions on the LCD display.
Trans/PGM	This button is used to initiate a call transfer (TRS) or to enter programming mode (PGM).
Speed	Used to access speed dialing, speed programming, save number redial, and last number redial.
DND	The DND (Do Not Disturb) feature blocks all incoming calls. When DND is active, the red LED in this button is illuminated.
Call Back	A station can initiate a call back request to a busy station. Once that station becomes idle, the initiating station is signaled.
Mute	Toggle outgoing audio; red LED illuminates.
Volume	The volume button adjusts the audio levels for ringing, handset and speakerphone functions.
Speaker	Speaker toggles the speakerphone state, and the red LED is illuminated when the speakerphone is active.
Hold/Save	This button is used to put a call on hold or save information when programming.
Flexible	Some flexible buttons are pre-programmed in the system for line appearances, loop functions etc. The remaining flexible buttons can be user-programmed.
Visual Ringing LED	Illuminates when the phone is ringing.
LCD Display	Displays information about telephone status, dialing directories, and test message information.
Hands-free Microphone	Microphone is used for hands-free speakerphone function.

LDP Keypad User Operation

Receiving calls _ Answering a Call While Idle :

1. Lift the handset and press the flashing Flex button (as needed), the call will be connected.

Responding to a Call While Busy

1. Press **[Hold/Save]** and/or
2. Press the flashing CO line button.

Answering Calls to Other Stations

To answer a call ringing at another station:

1. Lift the handset,
2. Dial 7 (Directed Call Pick-Up code),
3. Dial the Intercom Number of the ringing station; the call will be connected.

To answer a call ringing at a station in your group:

1. Lift the handset,
2. Dial * * (Group Call Pick-Up code), the call is connected.

Using Do-Not-Disturb (DND) to Block Incoming Calls

To toggle DND ON and OFF:

1. Press the **[DND]** button.

Forwarding calls to another Station or Voice Mail

To activate Call Forward from your phone to another phone or internal system resource:

1. Lift the handset,
2. Press the **[Fwd]** Soft button,
3. Dial the type of forward code 1-4
4. Dial the destination number.

Placing Intercom calls

To place an Intercom call:

1. Lift the handset,
2. Dial the Intercom number of the desired station,
3. On answer or Splash tone, speak to the called party.

Using Camp-On when calling a busy station

To Camp-On (wait off-hook) for a busy station:

1. Press **[*]** and wait an answer.

Using Last Number Redial (LNR)

To dial the Last Number for an external call:

1. Lift the handset,
2. Select the **[Redial]** Soft button,
3. Press **[volume]** to select from the last 10 numbers dialed,
4. Press the **[Send]** Soft button or **[Hold/Save]**.

Using System Speed Dial Numbers

To place a call using System Speed Dial:

1. Lift the handset,
2. Press the **[Speed]** button,
3. Dial the desired System Speed Dial bin number

Using and Entering Station Speed Dial Numbers

To place a call using Station Speed Dial:

1. Lift the handset,
2. Press **[Speed]**,
3. Dial the desired Station Speed Dial bin number

To enter a Station Speed Dial number with CO Line and Name:

1. Press **[Trans/PGM]**,
2. Press **[Speed]**,
3. Dial the desired Station Speed Dial bin number,
4. Select/dial the CO line/group,
5. Dial the desired number to be stored,
6. Press **[Hold/Save]**,
7. Enter the associated name if desired, using the alpha-numeric entry chart,
8. Press **[Hold/Save]**.

To assign a Station Speed Dial number directly to a Flex button:

1. Press **[Trans/PGM]**,
2. Press the desired **[Flexible]** button,
3. Dial the desired number including CO Line/Group access code
4. Press **[Hold/Save]**,
5. Enter the associated name if desired, using the Character Entry chart,
6. Press **[Hold/Save]**.

ACNR: To retry a busy external number until answered

To set up an ACNR, while on an outgoing call:

1. Use the Navigation button to display the next menu and select the **[ACNR]** Soft button,
2. Hang-up handset.

To cancel the ACNR request:

1. Press the **[ACNR]** Soft button.

Call Transfer: Sending a call to a different destination

To Transfer an active call:

1. Press **[Trans/PGM]**,
2. Call receiving party,
3. Hang-up with or without announcement.

Call Hold: Placing a call in a waiting state

To place a call on Hold:

1. Press **[Hold/Save]**.

Joining Multiple People in a Conference

To establish a Conference:

1. Establish call with one of the desired conference parties,
2. Select the **[Conf]** Soft button,
3. Establish call with the other conference party,
4. Select the **[Conf]** Soft button,
5. Select the **[Conf]** Soft button again to establish the conference.

To place a Conference on Hold:

1. Press the **[Hold/Save]** button.

To retrieve the Conference:

1. Select the **[Conf]** Soft button.

To make an External-parties-only Conference:

1. Establish conference with two external parties,
2. Select the **[Conf]** Soft button to exit.

To enter pre-opened Conference Room:

1. Dial 5 7 X when X is the conference room number.

User Program Codes

- Press the **[Trans/PGM]** button
- Enter the desired feature code below table

CODE	FUNCTION	CODE	FUNCTION
11	Answer mode (H/T/P)	56	Create Conference Room
12	Station Name Program	57	Delete Conference Room
13	Set Wake Up	61	Speaker/Headset PGM
14	Reset Wake Up	62	Headset Ring Program
15	Language Program	71	Register Station ICLID
16	LCD Date Mode Change	72	View Station ICLID
17	LCD Time Mode Change	73	Outcall Notification Enable
18	Set Back Light	74	Outcall Notification Attempts
21	ICM Ring Type Program	75	Outcall Notification Interval
22	CO Ring Type Program	76	Outcall Notification Number
23	Set BGM	81	View IP Address
31	Temporary COS Mode	82	View Mac Address
32	Retrieve COS	83	View Keypad Version
33	Walking COS	91	MPB Version Display
34	Register Password	92	View IP Address
35	Call Log Protect		
36	SMS Message Protect		
41	Preselected MSG PGM		
42	Set User Message		
51	Mobile-Ext. Enable		
52	Mobile-Ext. Number PGM		
53	Mobile-Ext. CLI PGM		
54	Mobile Service By CLI		
55	Mobile-Ext. Service CLI		

Specification

Input Voltage	22 ~ 28Vdc
I/O port	RJ11
Operating Temperature	0 ~ 40
Size	225.5 mm X 198 mm X 146 mm
Weight	960 g

Part 15.19

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Part 15.21

Any changes or modifications (including the antennas) made to this device that are not expressly approved by the manufacturer may void the user's authority to operate the equipment.

RF Exposure Statement

FCC RF Radiation Exposure Statement: This equipment complies with FCC RF radiation exposure limits set forth for an uncontrolled environment. This device and its antenna must not be co-located or operating in conjunction with any other antenna or transmitter.

Part 15.105

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/ TV technician for help.

1. Introduction

The LDP-9000BTU can be connected to a compatible Bluetooth headset that supports Bluetooth technology. (version 1.1 or higher)

This allows you freedom to make and receive calls while on the move or in the office.

Read this user's guide carefully before using the LDP-9000BTU.

2. Bluetooth wireless technology

Bluetooth headset is specially designed for special phones (such as GSM, CDMA mobile phone) may be not compatible with the LDP-9000BTU.

The LDP-9000BTU can be used with any compatible Bluetooth devices that support only Headset profiles. (Profile is a set of Bluetooth commands that the phone uses to control the headset).

The LDP-9000BTU is compliant with and adopts the Bluetooth Specification V2.0+EDR.

However, interoperability between the LDP-9000BTU and other Bluetooth headset is not guaranteed because it depends on compatibility.

A followed list is Bluetooth headset model supported by the LDP-9000BTU.

- Jabra BT-250
- Jabra BT-135
- Jabra BT-620S
- Plantronics M3500
- Plantronics Voyager 510
- Plantronics Voyager 520
- Motorola H700
- Motorola HS810
- Sony Ericsson HBH-970
- SamSung WEP500
- LG Innotek BMX-200
- MOVON TP1
- DREAMTECH DT100V
- SEECODE SCM-711

3. Installation of Option Modules

A BTU(BLUETOOTH Unit) module must be connected to the LDP-9030D Digital Key telephones.

You can set up the phone to send and receive a call through Bluetooth.

In the Bluetooth menu, you can manage connections and define settings.

3-1. Unpacking

Unpack the box and check the items below :



LDP-9000BTU



Installation guide

3-2. Installation.

when installing or removing the option module the Line power must be stopped.

If not, in the worst case, will damage the option module or Keypad.

Caution

The Optional Unit connection should make earlier and break later than the line cord.



- a. After disconnecting the line, open the dummy cover. (-)
(on the bottom of the keyset)
- b. Insert the LDP-9000BTU board into the optional connector on the keyset, making sure that it is connected securely. ()
- c. Hook the option module cover onto the Keypad base. And then turn the screw clockwise to tighten.

4. Before you use the LDP-9000BTU

1. Make sure that the bluetooth headset is charged.
2. Enable the Bluetooth Usage. (PGM + 6 + 1)
For more information, see the user's guide of the LDP-9030D.
3. You must first pair LDP-9000BTU with the headset you want to use.

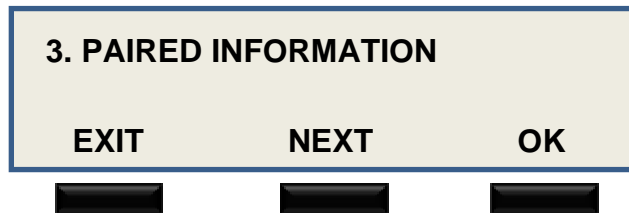
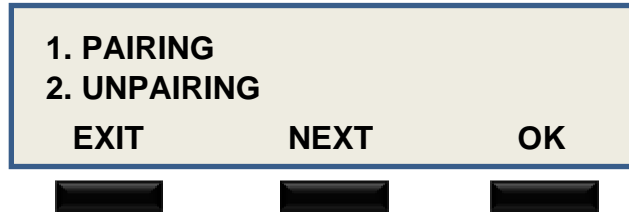
The Bluetooth connection between the headset and LDP-9000BTU can be established by setting up a paired link.

With a paired link, the LDP-9000BTU remembers the headset's ID, and these 2 items are then 'paired' together - eliminating the need to repeat the set up process with future use.

4. If you want to use another headset, you can erase paired information and pair LDP-9000BTU with new headset.

5. Using Bluetooth menu [PGM+ 6 + 3]

5-1. When Bluetooth Usage is enable.



5-2. When Bluetooth Usage is disable.



[Using Button]

EXIT	Exit Bluetooth Menu
NEXT or Volume	Scroll the Menu
Digit, OK or Hold/Save	Select the Menu

6. PAIRING

6.1 When already paired



6.2 Searching for Device



Note.

It may take about 15 seconds to finish searching for devices.

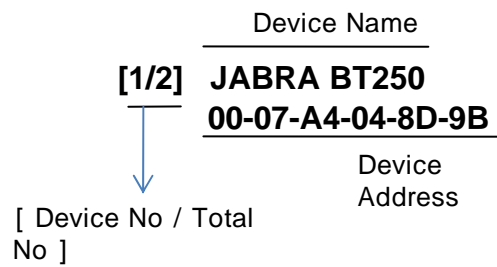
1. Before you can pair your headset you need to put it into pairing mode.
(Note: Pairing must be done every time the Headset establishes a link with LDP-9000BTU. Refer to headset's user guide for more detail information.)
2. During pairing it is recommended that the headset and LDP-9000BTU are not more than 1 metre apart-
with no solid objects in between.
3. LDP-9000BTU starts searching for audio enabled devices and accessories.

6.3 Select device




1. Devices responding to the inquiry appear on a list of Bluetooth device starting from the device found first after 15 seconds.
2. Scroll to the device you want and press [OK] or [Hold/Save].

Note : Device information



6.4 Enter device PIN CODE(PASSWORD)

** ENTER PIN CODE **		
CODE :		
EXIT	DEL	OK
		

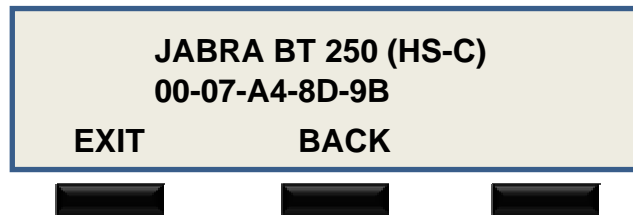
1. The desired bluetooth device requests to enter the pincode of it.
(The Bluetooth Passcode is a 1 to 16 character-long numeric code.)
2. Enter the pincode and send to headset by pressing [OK] or [Hold/Save].
3. When the connection has been established, the device shows connected to followed by the device's name and address.
(Note that you can have only one active connection at a time.)
4. If the connection is failed, you can try to connect device again.
5. Once the headset and LDP-9000BTU have successfully paired, you are ready to place and receive calls. (see section 9, 10.)

7. UNPAIRING

INITIALIZE DEVICE ARE YOU SURE?		
EXIT	BACK	OK
		

1. If you want use another headset, you can erase paired information and pair with the another headset desired
2. It will take a few seconds to erase paired information.
3. If it is unpaired already, it will display "UNPAIRING FAILED"

8. PAIRED INFORMATION



JABRA BT 250 (HS-C)

Device Status

D Disconnect	Already paired but not linked - radio with headset
C Connect	Ready to make and answer a call.

9. LED Indication

The LDP - 9000BTU indicates current status using LED on the bottom of phone.

OFF	not paired or Bluetooth Usage disable status.
STEADY ON	Already paired but not linked - radio with headset
BLINK	Ready to make and answer a call.

10. Using your LDP - 9000BTU

You will need to make sure that you pair / link your headset and LDP - 9000BTU.

10.1 Answer a call

1. If there is an incoming call while you are wearing the headset a ring tone will sound in your headset.
2. Just press the headset's function button to answer the call.

10.2 Make a call from the phone

Using the phone's keypad, dial the phone number in BTU mode of the phone. (Set PGM + 6 + 1)

10.3 Make a call from the headset

1. Press headset's function button.
2. You will hear dial tone.
3. Dial the phone number.

10.4 Ending a call from the headset

1. Press headset's function button.
2. Or press the [Speaker] button of phone

10.5 Transferring a call from phone to headset

If the phone is in Handset mode, press the headset's function button and replace the handset of the phone.

10.6 Transferring a call from headset to phone

1. Lift the handset
2. The call will be transferred to the phone.

10.7 Performance range

1. Optimal performance range : up to 3m.
2. Limited performance range : up to 5m.
3. Performance range may be decrease in case of the collision with the wireless LAN (802.11b)

10.8 Restriction of the LDP-7000BTU

1. If the phone goes to the speaker disable state, then Bluetooth Usage will be disabled automatically.
2. If the headset's battery is running out of power while a call is in progress, then the phone will terminate a current call automatically.