Front Cover
Introduction

The Citizen® JRT 2001 900 MHz cordless phones are designed and engineered to exacting standards for reliability, long life, and outstanding performance.

▼ Features
- 900 MHz Extended Range Technology
- 40 Channel Autoscan
- 10-Number Memory Dialing
- 3 “One-Touch Priority” Keys
- Desk or Wall Mountable
- Tone/Pulse Dialing
- Handset Volume Control
- 32 Digit Redial
- Page
- AutoTalk™
- AutoStandby™
- 7 Hours Talk Time
- Hearing Aid Compatible

Ringer Tone and Volume: 8
Setting the Handset Earpiece Volume: 8

Using Your Phone: 8
- Making and Receiving Calls: 8
- Storing a Number in Memory: 8
- Entering a Pause in Memory Dialing: 9
- Storing Mixed Tone/Pulse Numbers: 9
- Dialing a Stored Number: 9
- One-Touch Dialing: 9
- Chain Dialing: 9
- Erasing a Stored Number: 10
- Replacing a Stored Number: 10
- Selecting a Different Channel: 10
- Using the Flash Button: 10
- Using the Page Feature: 10
- Traveling Out-of-Range: 10

Troubleshooting: 11

Specifications: 11

AutoTalk, AutoStandby, Random Code, and AutoSecure are proprietary trademarks of Uniden America Corporation.

AutoTalk, AutoStandby, Random Code, and AutoSecure are proprietary trademarks of Uniden America Corporation.
Included with Your JRT 2001 Phone

- Base
- Handset
- Rechargeable Battery (Located inside handset)
- AC Adapter
- Telephone Cord

Also included:
- This Reference Guide
- IC Information
- Precautions and Important Safety Instructions
- Other Printed Material
Controls and Functions

1. Handset Speaker
2. **TALK/BATT LOW** LED - indicates when phone is in use or the battery is low
3. **TALK** - answers or places calls
4. **MEM** - enters or recalls numbers in memory
5. *** / TONE** - switches to tone dialing in pulse dial mode
6. **REDIAL** - redials the last number
7. **PAUSE** - adds a timed pause in a memory dialing sequence
8. **M1, M2, M3** - accesses stored numbers in memory locations 1, 2, and 3 for one-touch dialing
9. Handset Microphone
10. Handset Antenna
11. **FLASH** - accesses call waiting (if available)
12. **VOLUME** - sets both the ringer and earpiece volumes
13. **CHAN** - selects another channel for clearer reception
14. **P/T switch** - selects pulse or tone dialing
15. **DC Power Input**
16. Phone Line Jack
17. Handset Retainer - holds handset in base for wall mounting.
18. Base Antenna
19. **STATUS** LED - indicates the phone is in use or the handset is charging
20. **PAGE** - locates the handset
Installation

Charging the Battery Pack

The rechargeable Nickel-Cadmium battery pack must be fully charged before using your phone for the first time. **Before plugging the phone line into your new phone, you must charge the battery for approximately 15-20 hours without interruption.**

1. Remove the handset battery cover. *(For initial charging, the battery pack will already be inside the compartment, but will not be plugged in.)*

2. Plug the battery’s cable into the handset.

3. Replace the battery cover.

**NOTE**

The plastic connectors will fit together only one way. Make sure the battery’s connector is properly aligned. Use only the battery pack (model BT905) supplied with your phone.

▼ Charging the Handset

Place the handset on the base to charge. *(The handset can charge in either the face-up or face-down position.)*

▼ Low Battery Indicator

When the battery pack in the handset is low and needs to be charged, the **BATT LOW** LED flashes every 3 seconds.

If this occurs while you are on the phone, you will hear an alert tone. Complete your call as quickly as possible, and return the handset to the base for charging.

▼ Cleaning the Battery Contacts

To maintain a good charge, it is important to clean all battery contacts on the handset and base about once a month. Use a pencil eraser or other contact cleaner. **Do not use any liquids or solvents.**

Selecting a Location

Before choosing a location for your new phone, read the “Installation Considerations” included in the “Precautions and Important Safety Instructions” brochure.

**Important:** Do not place the power cord in an area where it may create a trip hazard or become chafed and create a fire or electrical hazard.

Setting the Dial Mode Switch

Place the switch in the **T** position for tone dialing, or the **P** position for pulse dialing.
Desk or Tabletop Installation

1. Plug the AC adapter cord into the **DC IN 9V** input jack on the base.
2. Wrap the AC adapter cord inside the molded strain-relief.
3. Plug one end of the telephone cord into the **TEL LINE** jack on the base.
4. Place the telephone cord into the right molded channel cord holder.
5. Plug the other end of the telephone cord into the telephone wall jack. *(Remember, the handset must be fully charged before you can use it.)*
6. Plug the AC adapter into a standard 120V AC wall outlet that is not controlled by a wall switch.
7. Raise the antenna on the base.

Wall Installation

**Setting the Handset Retainer for Wall Mounting**

1. Remove the handset retainer on the base by sliding it upward.

**Mounting on a Standard Wall Plate**

The phone is designed to be mounted on a standard telephone company wall plate.

1. Plug the AC adapter into the **DC IN 9V** input jack on the base.
2. Place the AC adapter cord inside the left molded channel cord holder.
3. Plug a telephone cord into the **TEL LINE** jack on the base.
4. Place the telephone cord into the right molded channel cord holder and plug the other end of the cord into the wall jack. *(Remember, the phone must be fully charged before you can use it.)*
5. Place the base on the two posts of the wall plate and slide downward to secure.
6. Plug the AC adapter into a standard 120V AC wall outlet that is not controlled by a wall switch.
7. Raise the antenna on the base.
Mounting Directly on a Wall

If you do not have a standard wall plate, you can mount the phone directly on a wall. Before mounting your cordless telephone, consider the following:

- Select a location away from electrical cables, pipes, or other items behind the mounting location that could cause a hazard when inserting screws into the wall.
- Make sure the wall material is capable of supporting the weight of the base and handset; otherwise, damage to the unit could result.
- Use #10 screws with anchoring devices suitable for the wall material where the base will be placed.

1. Insert the screws, with their appropriate anchoring devices, 3 5/16 inches apart. Allow 3/16 of an inch between the wall and screw heads for mounting the phone.

2. Plug the AC adapter into the base.

3. Place the AC adapter cord inside the left molded channel cord holder.

4. Plug one end of the telephone cord into the TEL LINE jack on the base.

5. Place the telephone cord into the right molded channel cord holder.

6. Place the base on the screws and push down until it's firmly seated.

7. Plug the other end of the telephone line into the telephone wall jack. (Remember, the phone must be fully charged before you can use it.)

8. Plug the AC adapter into a standard 120V AC wall outlet that is not controlled by a wall switch.

9. Raise the antenna on the base.

Use only the AC adapter that came with the phone.
Setting Up Your Phone

Raising the Antenna
Before using your phone, be sure to raise its antenna to the vertical position.

Adjusting Ringer/Volume Controls

Ringer Tone and Volume
1. While the phone is not in use, press VOLUME.
2. The phone has two ringer tones, each with two volume levels. Press VOLUME again until you hear the ringer tone and volume level you want.

Setting the Handset Earpiece Volume
1. While you are on a call, press VOLUME.
2. The phone has three receiver volume levels, Normal, High and Loud. Press VOLUME again until you hear the volume level you want. When you hang up, the phone keeps the last volume setting selected.

Using Your Phone

Making and Receiving Calls

<table>
<thead>
<tr>
<th>Handset on Base</th>
<th>Handset off Base</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Answer call</strong></td>
<td>When the phone rings, remove the handset from the base. (AutoTalk)</td>
</tr>
<tr>
<td><strong>Make call</strong></td>
<td>1. Remove the handset from the base and press TALK. 2. The TALK LED lights. 3. Listen for the dial tone. 4. Dial the number.</td>
</tr>
<tr>
<td><strong>Hang up</strong></td>
<td>Return handset to the base. (AutoStandby)</td>
</tr>
<tr>
<td><strong>Redial</strong></td>
<td>1. Remove the handset from the base and press TALK. 2. Listen for the dial tone. 3. Press REDIAL to dial the number.</td>
</tr>
</tbody>
</table>

Storing a Number in Memory
Your JRT 2001 phone has 10 memory locations for storing important telephone numbers.

1. Remove the handset from the base and press MEM. The TALK LED flashes and you hear a beep.
2. Enter the phone number you want to store (up to 16 digits).

3. Press MEM and enter a number (0-9) on the keypad for the memory location you want to use.

You hear a long beep and the TALK LED goes out indicating the number has been stored successfully.

If you select any keys other than 0-9, the handset will beep rapidly and no number will be stored.

You cannot store numbers in M1, M2, or M3. Refer to “One-Touch Dialing.”
Entering a Pause in Memory Dialing

If you would like to use a phone number stored in memory to access voice mail, for example, you can store a pause in the phone number sequence.

To use this function, follow steps 1 and 2 in “Storing a Number in Memory,” then press the PAUSE button on the handset to place a pause in the phone number sequence.

Storing Mixed Tone/Pulse Numbers

If your phone is set up for pulse dialing, you can store a mixed mode number (up to 16 digits) to easily access long distance services.

1. Remove the handset from the base and press MEM. The TALK LED flashes and you hear a beep.
2. Enter the number to be dialed in pulse mode.
3. Press the *TONE button on the handset. The *TONE button counts as one digit and enters a pause.
4. Enter the number(s) to be dialed in tone mode.
5. Press MEM and a number (0-9) on the keypad for the memory location you wish to use. You hear a long beep and the TALK LED goes out.

Dialing a Stored Number

To dial a phone number stored in memory, press TALK, then press MEM and the memory location (0-9). Your phone will dial the stored number.

Remember, the phone number you wish to store cannot have more than 16 digits, including the pause. (The PAUSE button counts as one digit.)

One-Touch Dialing

Your phone is equipped with three “One-Touch Priority” keys for instant dialing (M1, M2, and M3). You cannot store phone numbers directly into M1, M2, and M3. They are only used to dial phone numbers stored into memory locations 1, 2, and 3 on the keypad.

1. To instantly dial phone numbers stored in memory locations 1, 2, or 3, simply press M1, M2, or M3. (There is no need to press talk; the phone will automatically dial.)
2. If no phone number was stored in memory locations 1, 2, or 3 on the keypad, pressing M1, M2, or M3 will do nothing.

Chain Dialing

After dialing a number you may be requested to enter a special access code, for example, when performing a banking transaction.

1. Store the access code into one of the memory locations (0-9).
2. Dial the main number.
3. Press MEM and the memory location of the access code at the appropriate time.
Erasing a Stored Number

1. Remove the handset from the base.
2. Press MEM twice.
3. Press the memory location number (0-9) you want to clear. You hear a long beep confirming that you have erased the number.

Replacing a Stored Number

Remember, your JRT 2001 phone has 10 memory locations, represented by the numbers 0-9 on the keypad. If you store a phone number in one of these locations, then attempt to store a different number in the same location later, the new number will replace the previous one.

Selecting a Different Channel

If you encounter interference while using your phone, you can manually change the phones channel for clear operation. Interference can come from appliances or other phones in your home. This function works only when the phone is in use.

The CHAN button on the handset allows you to choose between 40 factory set channels. During the course of a conversation, if you hear static or noise which makes it difficult to hear, press CHAN. The TALK LED flashes, indicating the phone is changing to another channel.

Using the Flash Button

Use FLASH for accessing services such as call waiting. (You must subscribe to Call Waiting Service from your phone company to use this feature.) If you receive a call during your conversation, press the FLASH button on the handset. Press FLASH again to return to the previous call.

Using the Page Feature

The Page feature sends a signal from the base to the handset causing it to beep. This is useful for locating the handset when it is away from the base. To use this feature, press PAGE on the base. The handset beeps for 60 seconds. (Press and hold the PAGE button to get a continuous beep.)

NOTE

The paging feature does not work when the phone is in use.

On the handset press TALK to end the page. Press TALK again if you do not wish to make a call.

Traveling Out-of-Range

As you begin to move too far from the base, you hear a clicking sound. As you travel further, the noise increases. If you travel out-of-range, your call terminates.
Troubleshooting

If your JRT 2001 cordless telephone is not performing to your expectations, please try these simple steps.

Caution: Do not attempt to service this unit yourself. Servicing must be performed by qualified personnel.

<table>
<thead>
<tr>
<th>Problem</th>
<th>Suggestion</th>
</tr>
</thead>
</table>
| Charge light won’t come on when handset is placed in base. | • Make sure the AC adapter is plugged into the base and wall outlet.  
• Make sure the handset is properly seated in the base.  
• Make sure the rechargeable battery pack is properly connected in the handset.  
• Make sure that the charging contacts on the handset and on the base are clean. |
| The audio sounds weak and/or scratchy. | • Make sure that the base antenna is in the vertical position.  
• Move the handset and/or base to a different location away from metal objects or appliances and try again. |
| Can’t make or receive calls. | • Check both ends of the telephone line cord.  
• Make sure the AC adapter is plugged into the base and a wall outlet.  
• Disconnect the AC adapter for a few minutes, then reconnect it.  
• Place the handset back on the base for a few seconds.  
The STATUS LED will blink indicating that the phone has been reset. |
| Handset doesn’t ring or receive a page. | • The Nickel-Cadmium battery pack may be weak. Charge the battery for 15-20 hours.  
• The handset may be too far away from the base.  
• Place the base away from appliances or metal objects.  
• Place the handset back on the charging cradle for a few seconds.  
The STATUS LED will blink indicating that the phone has been reset. |

Specifications

General
Frequency Control Phase Locked Loop  
Modulation FM  
Operating Temperature -10° to 50° C, 14° to 122° F

Base
Transmit Frequency 925.997 ~ 927.947 MHz (40 Channels)  
Power Requirements 9V 210mA (from AC adapter)  
Size 4.53 in. W X 2.17 in. D X 8.82 in. H  
Weight Approximately 12 oz.

Handset
Transmit Frequency 902.052 ~ 904.002 MHz (40 Channels)  
Size 2.28 in. W X 1.73 in. D X 7.09 in. H  
Weight Approximately 8.9 oz.

Battery
Capacity 600 mAH, 3.6V  
Talk Mode 7 hours  
Standby Mode 14 days

Specifications shown are typical and subject to change without notice.
Back Cover