

# Cordless Telephone

## Operating Instructions



### SPP-151

Sony Corporation © 2001

## WARNING

To prevent fire or shock hazard, do not expose the unit to rain or moisture.  
To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

## Setting up the phone

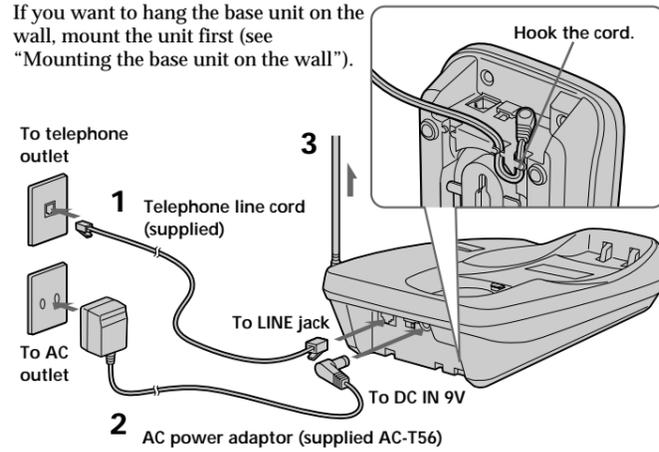
### Caution

The cordless telephone operates at a frequency that may cause interference to nearby TVs and VCRs; the base unit should not be placed near or on the top of a TV or VCR; and, if interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

Since this cordless telephone emits high-power radio frequency, it also may cause interference to electronic devices other than TVs and VCRs. If interference occurs, use the devices away from the cordless phone.

### Connect the base unit

If you want to hang the base unit on the wall, mount the unit first (see "Mounting the base unit on the wall").



- 1 Connect the telephone line cord to the LINE jack and to a telephone outlet.
- 2 Connect the AC power adaptor to the DC IN 9V jack and to an AC outlet.
- 3 Fully extend the antenna. Make sure it points toward the ceiling.

#### Notes

- Use only the supplied AC-T56 AC power adaptor. Do not use any other AC power adaptor.
- Connect the AC power adaptor to a continuous power supply.
- Place the base unit close to the AC outlet so that you can unplug the AC power adaptor easily.

#### Tip

If your telephone outlet is not modular, contact your telephone service company for assistance.

#### Polarity of the plug

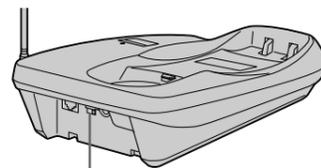


#### Modular



### Choose the dialing mode

For the telephone to work properly, select an appropriate dialing mode (tone or pulse).



DIAL MODE switch

Depending on your dialing system, set the DIAL MODE switch as follows:

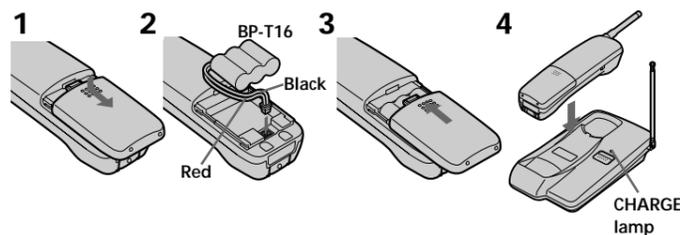
If your dialing system is	Set the switch to
Tone	T
Pulse	P

### If you aren't sure of your dialing system

Make a trial call with the DIAL MODE switch set to T. If the call connects, leave the switch as is; otherwise, set to P.

### Prepare the battery pack

Insert the battery into the handset and charge first before you start using your phone.



- 1 Slide open the battery compartment lid of the handset.
- 2 Connect the battery connector with correct polarity (black wire goes on right side and red wire goes on left).
- 3 Insert the battery pack, and close the lid.
- 4 Place the handset on the base unit.

The CHARGE lamp lights up when the handset is properly seated on the charge terminals of the base unit. Charge the battery pack for more than 12 hours so that the battery is fully charged. The CHARGE lamp remains lit even after charging is completed.

### Battery duration

A fully charged battery pack lasts for about:

- 6 hours when you use the handset continuously.
- 14 days when the handset is in standing by.

#### Notes

- The battery pack will gradually discharge over a long period of time, even if not in use.
- If you leave the battery pack in the handset without charging it, the battery pack will be completely discharged. It may require several times of charging to recover to its full capacity.
- If the battery runs out completely, the speed dial numbers and the digital security code will be erased. If this happens, charge it on the base unit for over 12 hours. Then reprogram the speed dial numbers, assign a new digital security code (see "Resetting the digital security code"). You may need to charge the battery several times before it is recharged to its full capacity.

### To obtain the best performance from battery

Do not place the handset on the base unit after each call. The battery works best if the handset is returned to the base unit after two or three calls. However, do not leave the handset off the base unit for a long period of time as this will completely discharge the battery pack.

### When to purchase a new battery pack

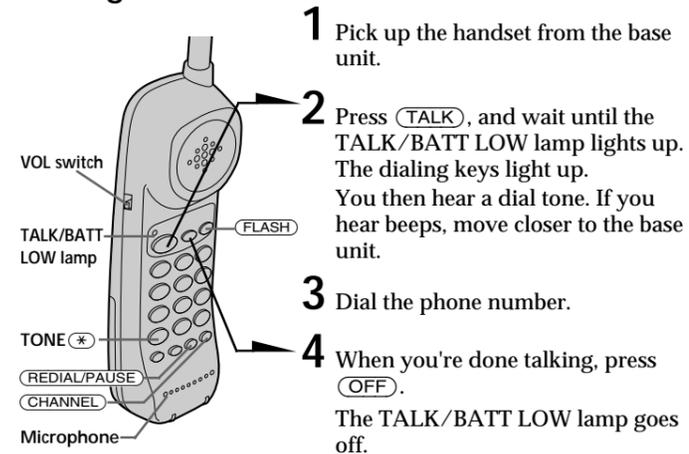
If the battery lasts only a few minutes even after 12 hours of charging, the usable life of the battery has expired and needs replacement. Contact your local Sony authorized dealer or service center, and ask for Sony BP-T16 rechargeable battery pack.

#### Note

Battery life may vary depending on usage condition and ambient temperature.

## Making and receiving calls

### Making calls

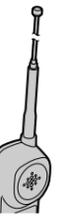


### Additional tasks

To	Do this
Adjust the handset volume	Set the VOL switch to H (high), M (middle) or L (low).
Switch to tone dialing temporarily	Press TONE (*) after you're connected. The line will remain in tone dialing until disconnected.

#### Note

- Fully extend the antenna when you use the cordless handset away from the base unit.



### Receiving calls

- 1 When you hear the phone ring;
  - Press TALK (or any key except OFF).
  - or
  - Pick up the handset from the base unit when the handset is placed on the base unit. The TALK/BATT LOW lamp lights up. The dialing keys light up.
- 2 When you're done talking, replace the handset on the base unit or press OFF. The TALK/BATT LOW lamp goes off.

### Additional tasks

To	Do this
Switch to another call ("call waiting" service*)	Press FLASH. Press the button again to get back to the first caller.

\* You need to subscribe to this service from your telephone company.

#### Notes

- Do not cover the microphone during the conversation; otherwise, the other party cannot hear your voice.
- If you hear beeps during the conversation, move closer to the base unit; otherwise, the call will be disconnected after 15 seconds. Note that, however, you may not hear beeps if it's noisy on the handset.

### If interference occurs on the handset

When you press TALK, the handset automatically searches for the channel with the best reception. However, if you notice interference during a conversation, move closer to the base unit. If interference persists, press CHANNEL to switch to another channel to improve the sound quality of your telephone conversation.

#### Note

If you hear five short beeps when you press CHANNEL, move closer to the base unit.

### If the handset battery becomes weak during a call

The handset will beep every three seconds with the TALK/BATT LOW lamp flashing at the same time. Finish your call and charge the battery pack.

#### Caution

If this occurs, you cannot use the handset without charging it for more than one minutes.

### Redialing

- 1 Press TALK, and wait until the TALK/BATT LOW lamp lights up. The dialing keys light up.
- 2 Press REDIAL/PAUSE to redial the number last dialed.

#### Note

If the number exceeds 32 digits, the beeps will alert you that the number cannot be dialed.

### To erase the last phone number dialed

Press REDIAL/PAUSE twice.

The number will be erased from the memory, and you'll hear a long confirmation beep.

## Speed dialing

You can dial with a touch of a few keys by storing a phone number on a dialing key.

### Storing phone numbers

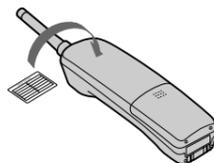
- 1 Press **(PGM)**.  
The TALK/BATT LOW lamp flashes.  
The dialing keys light up.
- 2 Press **(SPEED DIAL)**.
- 3 Press one of the dialing keys (0 to 9) to store a phone number on.  
You hear a confirmation beep.
- 4 Enter the phone number you want to store.  
You can enter up to 20 digits, including a tone and a pause, each of which is counted as one digit.
- 5 Press **(PGM)**.  
You hear a long confirmation beep, and number is stored. The TALK/BATT LOW lamp goes off.

#### Note

Do not allow more than 20 seconds to elapse between each step of the procedure.

#### Tips

- If you enter a wrong number, press **(PGM)**, then start from the beginning.
- You can attach the supplied directory on the handset.
- You cannot receive calls while you're storing numbers.



### To store a number to be dialed via Private Branch Exchange (PBX)

Before entering a phone number in step 4, do as follows:

- 1 Enter the outside line access digit (e.g., 9).
- 2 Press **(REDIAL/PAUSE)**.

### To change a stored number

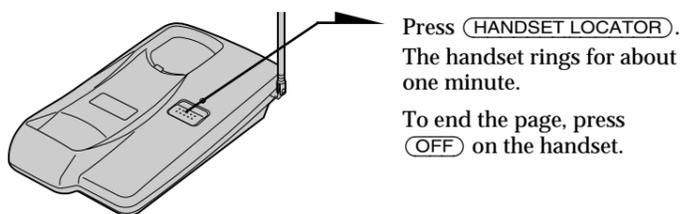
Store a new number, as described previously.

### Making calls with speed dialing

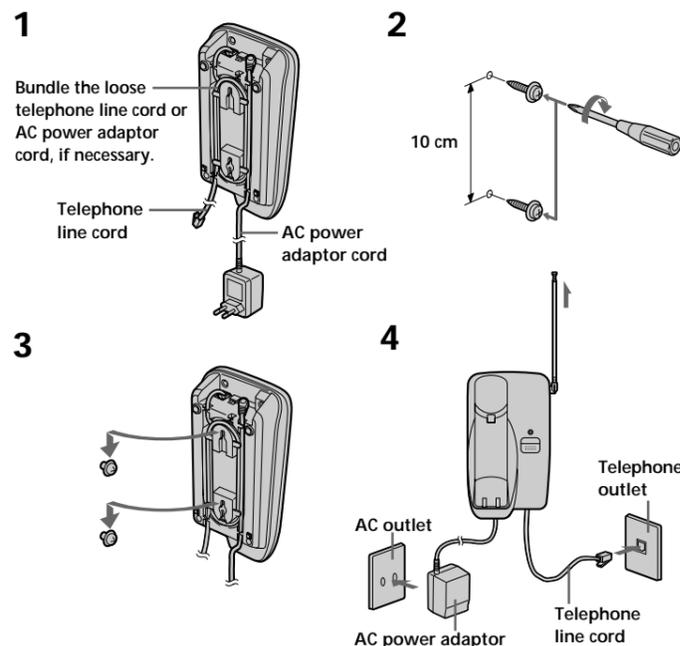
- 1 Press **(TALK)** and wait until the TALK/BATT LOW lamp lights up.  
The dialing keys light up.
- 2 Press **(SPEED DIAL)**.
- 3 Enter the desired speed dialing number (0 to 9).  
The phone number stored in the speed dialing number will be dialed.

## Locating the handset

You can page the handset from the base unit. Note that you cannot page if the handset is in use.



## Mounting the base unit on the wall



- 1 Attach the telephone line cord and AC power adaptor cord to the base unit. Bundle the loose telephone line cord or AC power adaptor cord, if necessary.
- 2 Attach the screws (not supplied) to the wall.
- 3 Hook the base unit to the screws.
- 4 Plug the telephone line cord into the telephone outlet, and the AC power adaptor into an AC outlet. Then fully extend the antenna.

### Template for mounting the phone on the wall

To determine the positions for the screws (not supplied), cut out the template below "Specification" and use it as a guide. Consider the weight of the phone when you choose the place to hang it.

## Resetting the digital security code

The first time you charge the battery pack, a random security code is automatically assigned between the base unit and the handset. Only a handset which has this security code can make calls through the base unit. This system prevents the possibility of other cordless telephone handsets making calls through your base unit. You normally do not need to reset the security code. However, in the unlikely event that you suspect that another cordless phone uses the same security code, you can manually change the code. Pick up the handset from the base unit, and proceed as follows:

- 1 Press **(PGM)**.  
The TALK/BATT LOW lamp flashes.  
The dialing keys light up.
- 2 Press **(#)**.  
You hear a confirmation beep.
- 3 Press three of the dialing keys (001 to 999) to store a new code.
- 4 Press **(PGM)**.  
You hear a long confirmation beep and the TALK/BATT LOW lamp goes off.
- 5 Immediately replace the handset on the base unit.  
You hear a long confirmation beep and the phone stores the new code.

#### Note

If the battery pack in the handset is completely discharged, or is removed from the handset for more than several seconds, the digital security code stored will be lost. If this happens, charge the battery pack and a new security code will be automatically assigned.

#### Tip

This procedure will change the code in both the base unit and the handset. The code can be changed as often as desired.

## Maintenance

### On handling

- Do not attempt to disassemble the casing. Refer servicing to qualified personnel only.
- Do not put foreign objects into the base unit. Should any liquid or solid object fall into the base unit, unplug the unit and have it checked by qualified personnel before operating the unit any further.
- Do not put anything in the DC IN 9V (external power input) jack.
- Do not drop the unit as a malfunction may result.

### On cleaning

- Clean the cabinets with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzine as they may damage the finish of the cabinet.
- If the charge terminals of the base phone and handset are soiled, wipe them with a soft cloth.

If you have any questions or problems concerning your phone, please consult your nearest Sony dealer.

## Notes on power sources

### On battery pack

- Store the battery pack at a temperature between 41°F (5°C) and 95°F (35°C) for best performance.
- If you do not use the handset for a long period of time, remove the battery pack after charging for more than 12 hours.
- Keep the battery pack away from fire.
- Do not short-circuit the battery terminals.
- Do not disassemble the battery pack.

### On power failure

- During a power interruption, you cannot make or receive calls.

### On the safety

- Do not unnaturally bend or crimp the cord, and do not place heavy objects on it.
- If the cord or plug is damaged, do not continue to use it. Contact your local Sony dealer for replacement.

## Troubleshooting

Should any problem persist after you have made these checks, consult your nearest authorized Sony dealer.

Problem	Solution
The handset does not make or receive a call.	<ul style="list-style-type: none"> <li>• Reset the digital security code.</li> <li>• Place the base unit away from noise sources such as TV, FM radio or PC.</li> <li>• Make sure the base unit is connected to an AC outlet.</li> <li>• The battery pack may be discharged. Charge the battery pack for more than 12 hours.</li> </ul>
You hear no dial tone.	<ul style="list-style-type: none"> <li>• Make sure the telephone line cord is securely connected to the telephone outlet.</li> </ul>
The handset does not connect at all, even the numbers you dial are correct.	<ul style="list-style-type: none"> <li>• Make sure the dial mode setting (pulse or tone) is correct.</li> </ul>
The handset does not redial correctly.	<ul style="list-style-type: none"> <li>• Make sure the number (including the tone and pause digits, if used) you last dialed is less than 32 digits.</li> </ul>
The handset does not make a speed dialing call.	<ul style="list-style-type: none"> <li>• Make sure there is a phone number correctly stored in the speed dialing.</li> <li>• Store the desired phone number once more.</li> </ul>
The handset does not ring.	<ul style="list-style-type: none"> <li>• Make sure the base unit is connected to an AC outlet.</li> </ul>
The handset does not ring when paging from the base unit.	<ul style="list-style-type: none"> <li>• The battery may have little or no power. Charge the battery pack for more than 12 hours.</li> <li>• Extend the antenna of the base unit vertically.</li> <li>• Place the base unit away from noise sources.</li> </ul>
You hear a beep every three seconds and the TALK/BATT LOW lamp flashes.	<ul style="list-style-type: none"> <li>• Charge the battery pack for more than 12 hours.</li> </ul>
The handset does not work.	<ul style="list-style-type: none"> <li>• The battery pack may be discharged. Charge the battery pack for more than one minute. After this initial one minute, you may be able to use the handset, but more than 12 hours are necessary for full charging.</li> </ul>

## Specification

General	
Frequency control	Crystal-controlled PLL
Operation mode	FM, duplex
Operation channel	10 channels
Supplied accessories	AC power adaptor AC-T56 (1) Telephone line cord (1) Rechargeable battery pack BP-T16 (1) Directory (1 sheet)
Handset	
Power source	Rechargeable battery pack BP-T16
Battery life	Standby: Approx. 14 days Talk: Approx. 6 hours
Dimensions	Approx. 2 3/4 x 7 3/4 x 1 1/4 inches (w/h/d), antenna excluded (approx. 58 x 194 x 47 mm) Antenna: Approx. 4 3/8 inches (approx. 110 mm)
Mass	Approx. 7.8 oz (approx. 220 g), battery included
Base unit	
Power source	DC 9V from AC power adaptor
Battery charging time	Approx. 12 hours
Dimensions	Approx. 5 1/4 x 2 1/4 x 8 3/4 inches (w/h/d), antenna excluded (approx. 132 x 56 x 220 mm) Antenna: Approx. 23 3/8 inches (approx. 600 mm)
Mass	Approx. 11 oz (approx. 310 g)

Design and specifications are subject to change without notice.

