

TOPCOM

Mira 100

CORDLESS TELEPHONE

OPERATING GUIDE

ENGLISH



TOPCOM

Mira 100

Dear Customer,

Congratulations on having bought the TOPCOM Mira 100 cordless telephone.

The Mira 100 is a quality product which offers you a whole range of possibilities and is easy to operate.

This operating guide gives you a complete view of all the possible functions.

We advise you to first read this operating guide thoroughly before using your Mira 100.

Kind regards,

TOPCOM



Dit TOPCOM product voldoet aan de laagspanningrichtlijn 73/23/EEC en aan de elektromagnetiese compatibiliteitsrichtlijn 89/336/EEC.

This TOPCOM product meets the low voltage directive 73/23/EEC and the electromagnetic compatibility EMC directive 89/336/EEC.

Ce produit TOPCOM est conforme aux normes de basse tension 73/23/EEC et aux normes de compatibilité électromagnétique 89/336/EEC.

Dieses TOPCOM-Produkt entspricht der Niederspannungsrichtlinie 73/23/EEC und der EMV (Elektromagnetische Verträglichkeit) Richtlinie 89/336/EEC.

De in deze handleiding beschreven mogelijkheden worden gepubliceerd onder voorbehoud van wijzigingen.

Les possibilités décrites dans ce manuel sont publiées sous réserve de modifications.

The features described in this manual are published with reservation to modifications.

Die in dieser Bedienungsanleitung unbeschriebenen Möglichkeiten, werden vorbehaltlich Änderungen publiziert.

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1. IMPORT ANT

Treat the telephone with care. Never place it in a dusty environment and do not expose it to extreme temperatures or direct sunlight.

Use a soft damp cloth to clean the telephone. Never use abrasive or corrosive cleaning products. Never use solvents.

If you do not use the telephone for a long period of time, place the ON/OFF-switch of the handset in the OFF-position.

2. BASE EQUIPMENT

The base equipment consists of the following things:

- Base station
- Handset
- Adaptor Ac 9V/0.7 A
- Telephone plug
- Operating Guide
- Warranty card

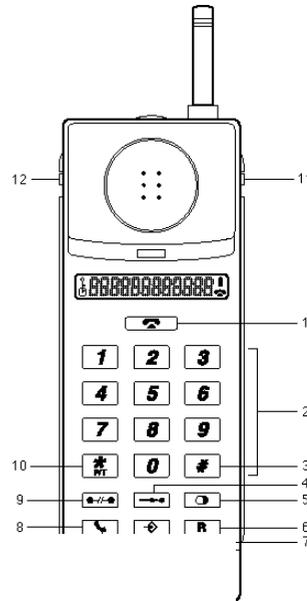
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3. HANDSET

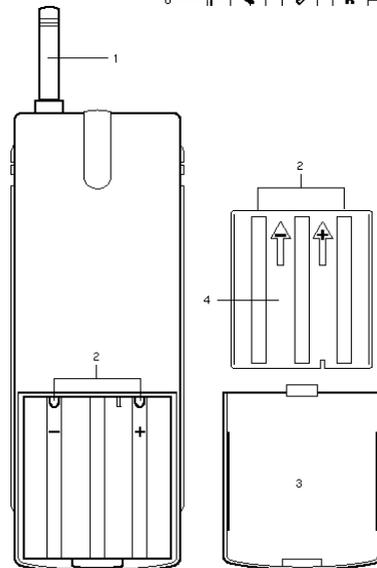
3.1. FRONT VIEW

1. Line button 
2. Numerical buttons
3. # button
4. Memory button 
5. Redial button 
6. Transfer button (flash) R 
7. Set button 
8. Mute button 
9. Hang-up button 
10.  button/ P->T switch
11. Ringer volume switch 
12. ON/OFF-switch
13. Battery charger contacts



3.2. REAR VIEW

1. Antenna
2. Battery contact points
3. Cover of battery compartment
4. Battery



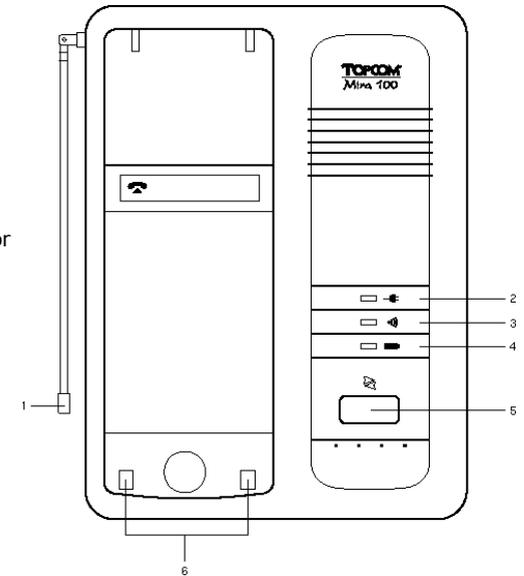
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4. BASE STATION

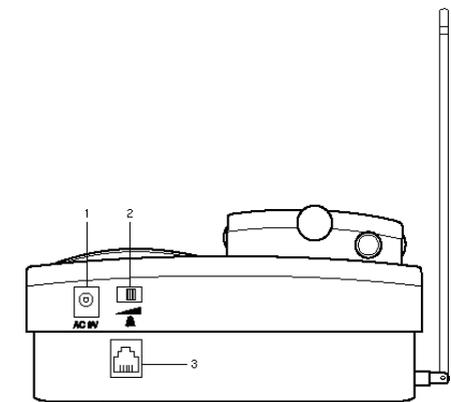
4.1. TOP VIEW

1. Antenna
2. Power indicator
3. Radio connection indicator
4. Battery indicator
5. Paging button
6. Battery charger contacts



4.2. REAR VIEW

1. Connection adaptor
2. Ringer volume switch
3. Connection telephone line



5. GENERAL

With cordless telephones, radio connection replaces the cord connecting the handset to the base unit of traditional telephones. This allows you to make and receive calls even when you are away from the base unit. Thanks to this radio connection, your mobility increases.

The Mira 100 has a working range of 300 m (range is reduced to 60 m inside buildings). This working range is however strongly reduced if there are several obstacles between the base and the handset. If you have gone too far away from the base, you will hear a warning signal.

6. INSTALLATION

1. Connect the telephone cord to the right socket on the rear of the base (rear of base facing you) and plug the other end into the line wall socket.
2. Connect the power cable plug to the power socket with indication "AC9V" on the left side of the rear of the base (rear of base facing you) and plug the adaptor into a power socket.
3. Adjust the antenna located on the left side of the base to a straight upward position.

Remove the transparent plastic protection of the telephone number card on the base station by pushing it to the left. Write down your own telephone number on this card and put the plastic protection back.

7. BATTERY

Open the cover of the battery compartment on the backside of the handset. Now place the battery in the handset and put the ON/OFF-switch in the ON-position ("I").

The battery of the handset has to be charged before telephone calls can be made. The first time the unit is used, it takes at least 10 hours before the battery is fully charged.

Put the handset on the connected base station to charge the battery. The battery indicator lights to indicate that the battery is being charged. After approximately 10 hours the battery is fully charged. Do not put the handset back in the base station, every time the phone has been used! Put the handset only in its base when it is indicated that the battery is almost empty. It is better for the battery to be sufficiently discharged before being recharged.

Remark:

The battery indicator will light when the handset has been put on the base station for charging. It will not turn off when the battery is fully charged.

When you hear an intermittent tone from the handset or when the low battery indicator on the LCD display of the handset is blinking, the handset has to be charged again.

A fully charged battery allows a conversation of 5 hours. In standby mode the battery has to be recharged after approximately 30 hours.

Remarks:

- The charger contacts of the handset should not come into contact with metal since this could cause a short-circuit and damage the battery irreparably.
- The charger contacts of the battery on the base station and on the handset should be cleaned with a soft cloth once a month.
- If you do not use your unit for a longer period of time, remove the battery from the handset or put the ON/OFF-switch of the handset in the OFF-position. In this case, do not put the handset in charging position on the base station. It is better for your batteries not to do so.
- If the battery in the handset has not been charged for a long period of time, charge it during an entire night.
- Do not throw faulty batteries just anywhere, they are small chemical waste and have to be treated as such.

8. OPERATION

8.1. OUT OF RANGE WARNING

Obstacles between the handset and the base station will influence the operation range. When the handset is too far away from the base station, the quality of the connection will deteriorate and you will hear a warning tone (2 signals). The communication will be broken automatically if you do not go back into the operation range within 10 seconds.

If a connection between the handset and the base station is not possible, you will hear an intermittent warning tone.

8.2. TONE AND PULSE DIALLING

Standard the Mira 100 has been set to pulse dialling. It is possible that the dialling system has to be changed to tone dialling (DTMF) before a call can be made. Your telephone has to be set to the dialling system, which is offered on your telephone line.

Pulse dialling : if you are connected to an older (mechanic) telephone exchange.

Tone dialling : if you are connected to a modern electronic (DTMF) telephone exchange.

8.2.1. TEMPORARY PULSE -> TONE SWITCH

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. Press the numbers "28" and the # button.
4. Press the line button .

8.2.2. BACK TO PULSE DIALLING

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. Press the numbers "28" and the # button.
4. Press the line button .

8.3. MAKING A TELEPHONE CALL

Make sure the correct dialling system has been set (pulse or tone dialling) by making an outgoing call. Press the line button  and wait for the dial tone. The radio connection indicator  on the base station lights when the radio connection has been established. Now dial the desired telephone number.

Press the line button  after ending the telephone conversation, the Mira 100 returns to standby and "ON" appears on the display. In case you want to make another phone call, press the hang-up button  instead of the line button and dial the desired telephone number.

8.4. RECEIVING A TELEPHONE CALL

When you are being called, first the base station will ring and after a short period of time also the handset. Press the line button . When you hear a beep, you can start the conversation. Press the line button  again to end the conversation.

8.5. MUTE FUNCTION

If you wish to talk to a third person without your correspondent hearing this conversation, you can temporarily turn off the microphone. Simply press the mute button . The display will start blinking. When you want to continue the telephone conversation, press the mute button  again.

8.6. HANG-UP BUTTON

When you have made a mistake while dialling a telephone number, you can press the hang-up button  and dial the number again. By pressing the hang-up button  it is also possible to make several phone calls after each other without disconnecting the radiolink. After pressing the hang-up button  "BREAK" appears on the display.

8.7. REDIAL

When you have dialled a telephone number but did not receive an answer, you can call this number again afterwards. The last number dialed is saved. When you wish to dial the number again, first press the line button  (the last number dialed appears on the display) and then, after hearing the dial tone, press the redial button . The number is now automatically redialed.

If you wish to redial the number immediately without breaking the connection with the base station, first press the hang-up  button and then the redial button .

8.8. TRANSMISSION (FLASH) R

With the flash button R - also called flash, recall or R button - you can transfer a line to another telephone on your telephone exchange. The R button has a flash function, this means that a short line interruption is being generated.

Consult the operating guide of your telephone exchange for a correct use of this function.

This button is sometimes also used for services offered on your public telephone line.

8.9. TEMPORARY PULSE -> TONE SWITCH

The Mira 100 has been preset to pulse dialling. It is however possible to switch temporarily to tone dialling f.i. for telebanking, pager calls, ...

You can use this function by pressing the  button immediately after having dialed the desired telephone number. Now you can enter the desired numbers in tone dialling mode.

After pressing the line button  or the hang-up button  your Mira 100 automatically returns to pulse dialling.

8.10. DIALLING MEMORY NUMBERS

The Mira 100 disposes of 10 memory numbers (speed dial numbers). Each memory place can store a telephone number of maximum 16 digits. You can call a memory number by pressing the memory button  followed by the number of the memory place where the desired telephone number has been stored (0-9).

8.10.1. STORING MEMORY NUMBERS

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. Press the memory button  ("PHONE NO-" appears on the display).
4. Choose a memory place by pressing a numerical button (0-9).
5. Enter the telephone number that you wish to store.
6. Press the set button  ("DONE" appears on the display).
7. Press the line button  to stop the radio connection.

You can also program a flash or pause in the memory numbers. During the programming of the memory numbers press the R-button for a line interruption or the redial button  for a pause. In order to set the pause time, see 8.13. Setting pause time.

8.10.2. DIALLING A MEMORY NUMBER

1. Press the line button  and wait for the dial tone.
2. Press the memory button  ("SPEED DIAL" appears on the display).
3. Press the number of the memory place, where the telephone number has been stored (0-9). The telephone number is now automatically dialled.

8.10.3. SEARCHING A MEMORY NUMBER

1. Press the line button  and wait for the dial tone.
2. Press the memory button  ("SPEED DIAL" appears on the display).
3. Press the  button to see the following number or the # to see the previous number.

You can dial a memory number while going through the memory numbers by pressing the redial button  when the desired number appears on the display.

8.10.4. ERASING A MEMORY NUMBER

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. Press the memory button  ("SPEED DIAL" appears on the display).
4. Press the number of the memory place (0-9) of the memory number you wish to erase.
5. Press the set button  ("DONE" appears on the display).
6. Press the line button  to stop the radio connection.

8.11. CALL BARRING

The numerical buttons of the Mira 100 can be locked electronically so that outgoing calls are not possible any more.

8.11.1. ACTIVATE CALL BARRING

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. First press the number "3" and then the  button (first "LOCKED" appears on the display and then, until the electronic lock is deactivated, "🔒" is present on the display).
4. Press the line button  to stop the radio connection.

If you now first press the line button  and then any other button, you will hear a long warning tone to indicate that the electronic lock of the numerical buttons is activated.

Remark:

If the Mira 100 is connected to a house telephone exchange, incoming lines can still be put through, even when the electronic lock is activated.

8.11.2. DEACTIVATE CALL BARRING

1. First press the line button  and wait for the dial tone ("LOCKED " appears on the display).
2. Press the set button .
3. Press the number "3" and then the # button ("🔒" disappears and now "UNLOCK" appears on the display).
4. Press the line button .

8.12. BABYCALL (EMERGENCY CALL)

Thanks to the babycall function you can program the Mira 100 so that a preprogrammed telephone number is dialled when pressing any button.

8.12.1. ENTERING A BABYCALL NUMBER

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).

3. Enter the code number 3719 ("SET BABYCALL" appears on the display).
4. Enter the desired telephone number.
5. Press the set button  ("DONE" appears on the display).
6. Press the line button  to stop the radio connection.

8.12.2. ACTIVATE BABYCALL

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. First press the number "1" and then the  button ("☺" appears on the display together with the programmed babycall number. The babycall function is now activated and the handset is in standby mode).

The automatic dialling is done when you first press the line button  and then any button (except the set button ). You hear 2 short warning beeps to indicate that the programmed babycall number is dialled automatically.

Important:

This function can only be activated if a babycall number has been programmed.

8.12.3. DEACTIVATE BABYCALL

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display). The babycall number is not dialled.
3. Press the number "1" and then the # button ("BABY OFF" appears short on the display and then the handset is in standby mode).

8.13. SETTING PAUSE TIME

If your Mira 100 is connected to a house telephone exchange, we advise you to program a pause in the memory numbers after asking access to the external line (see 8.10.1. Storing memory numbers).

Standard the pause time is set to 3 seconds, but this can be changed in the following way:

1. Press the line button  and wait for the dial tone.
2. Press the set button  ("SET" appears on the display).
3. Enter the code number:
 - codenumber 461 = 1 second pause
 - codenumber 462 = 2 seconds pause
 - codenumber 463 = 3 seconds pause (standard)
 - codenumber 464 = 4 seconds pause
4. Press the line button  to stop the radio connection.

If you wish to enter a pause when storing a memory number, press the redial button . The pause will last as long as you have programmed it.

8.14. PAGING

With this function you can call the handset from the base station and vice versa.

Press the paging button  of the base station. When the radio connection is established, the handset will emit a ringer sound and "PAGE" appears on the display. Press the line button  to interrupt the ringer sound. If you press the line button again, the radio connection is broken.

You can also call the base station from the handset. Proceed as follows:

1. Press the line button  and wait for the radio connection to be established (dial tone).
2. Press the set button  ("SET" appears on the display).
3. Press the number "5". The base station will ring.
4. Press the line button .

Remark:

This function does not allow you to have a conversation between the base station and the handset. Only the ringer sound can be activated.

8.15. SETTING RINGER VOLUME

The ringer volume of the handset and the base station can be set by means of a ringer volume switch. On the backside of the base station you will see a switch with 3 positions. On the handset a switch with 2 positions is present on the right side (front of handset facing you).

9. TROUBLESHOOTING

THE TELEPHONE DOES NOT FUNCTION

Check the power supply of the adaptor.

Did you use the adaptor delivered with this telephone?

Has the telephone line been connected correctly?

Did you use the line cord delivered with this telephone?

Is the battery of the handset sufficiently charged?

Is the handset too far away from the base station?

NO DIAL TONE

Has the telephone cord been connected correctly?

OUTGOING CALLS ARE NOT POSSIBLE / WRONG DIALLING SYSTEM

Change the dialling system (pulse/tone dialling).

BAD CONNECTION

The handset is too far away from the base station, move closer.

YOU HEAR AN INTERMITTENT BEEP

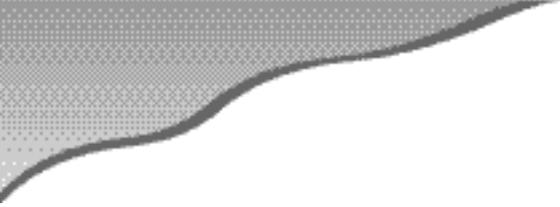
- during the conversation

You are too far away from the base station, if you do not move closer to the base station within 10 seconds, the line will be broken.

- When you try to establish a communication and it is impossible to obtain the connection:
 - in the beginning of a call: wait for the connection to be established.
 - during a call: try again.

10. TECHNICAL SPECIFICATIONS

Frequency	900 MHz
Power	10 mw
Transmission range	inside buildings - max 60 m outside - max 300 m
Dialling system	Pulse/tone switch possible
Memory	10 memory numbers (speed-dial numbers)
Power supply	Base station: adaptor AC 9 V, 700 mA Handset: NiCd - rechargeable battery: 3,6 V
Battery operating time	in standby +/- 30 hours talk time +/- 5 hours
Dimensions	Base station: +/- 140 x 170 x 50 mm Handset: +/- 57 x 160 x 30 mm
Weight	Base station: +/- 300 g Handset: +/- 200 g (incl. battery)



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11. WARRANTY

The Mira 100 has been manufactured and tested to offer you complete satisfaction.

TOPCOM secures this device against material and construction defects for a period of 12 months counting from the date the first user purchased it. The warranty card is only valid if the warranty card has been filled in duely, dated and signed. The warranty card has to be sent back within 10 days after the purchase date to TOPCOM.

The warranty expires completely if people other than our technical personnel have repaired or modified the machine, or in case of improper maintenance.

The battery and adaptor are not covered by the warranty.

If you find any defects during the warranty, please return the unit in its original packing, together with the warranty card and a photocopy of your purchase invoice, to the TOPCOM sales department.

Any transport costs will be debited to the purchaser.

