

SWITCH SETTINGS

The TC-920 has one switch on the side of the handset and three switches on the back of the base unit.

POWER SAVER/RINGER ON

The TC-920 is shipped with the **HANDSET RINGER SWITCH** set to "PWR SAVER" (the ringer is off). When set to PWR SAVER (power saver), the battery power is conserved. Turn the handset to "RINGER ON" before use.

RINGER ON - The ringer is on and the handset will ring when an incoming call or paging signal is received. When the handset is out of the cradle, the rechargeable batteries will last up to seven days in this mode (the PWR SAVER is off).

POWER SAVER (PWR SAVER) ON - When an incoming call or a paging signal is received the handset will not ring, but all other handset functions will operate. The rechargeable batteries will last up to one month in this mode (the ringer is off).

BASE RINGER ON/OFF

Set the **RINGER ON/OFF SWITCH** on the base to control the telephone ringer. The base ringer is preset to "RINGER ON."

ON = Base ringer is turned on.

OFF = Base ringer is turned off, except if the handset is charging and the handset ringer is On. The handset will ring even if the base ringer is set to Off.

RING SELECT

The answering machine is shipped with the Ring Select Switch set to 4 rings. Set the **RING SELECT SWITCH** (labeled RINGS) to 4, 2, or TS (TollSaver) to select the number of rings before the TC-920 answers.

4 = The TC-920 will answer on the **fourth** ring.
2 = The TC-920 will answer on the **second** ring.
TS = When calling to retrieve messages from a remote location, TollSaver will help eliminate toll charges by letting you know if there are any new messages before the TC-920 answers. When set to TS, the TC-920 answers on:

Second ring = **NEW** messages
Fourth ring = **NO** new messages

Hang up after three rings to avoid toll charges.

NOTE:
■ After you have retrieved messages, (from a remote location or at the machine) TollSaver will reset to answer on the fourth ring until a new message is recorded.

TONE/PULSE

This switch configures the TC-920 to dial out with either touchtone or pulse signals to match the service supplied by your local telephone company. The TC-920 is shipped with the TONE/PULSE SWITCH set to "TONE." If you have rotary or pulse service, set this switch to "PULSE."
PULSE = for Rotary dialing or Pulse services
TONE = for Touchtone service

INITIAL SETUP

SELECT GREETINGS

To select Greeting One or Greeting Two:

1 Press **GREETING SELECT** (in the cradle) You will hear "Greeting One" or "Greeting Two" to indicate the current setting.

2 Pressing **GREETING SELECT** again will change the setting to the other Greeting. The TC-920 will now answer all calls with the selected greeting.

NOTES:
■ If a greeting has not been recorded, all callers will hear "Record a message."

CHECK GREETING

You can listen to either greeting anytime when the TC-920 is turned on.

1 Press **GREETING SELECT** until the desired greeting is announced.

2 Press **GREETING CHECK** (located in the cradle of TC-920.) The TC-920 will play the greeting and reset to answer new calls.

NOTE:
■ If a greeting has not been recorded, you will hear "No greeting. Please record greeting." Callers will hear "Record a message."

SET THE TIME/DAY

Set the current time and day. The TC-920 will stamp each message with the time and day.

1 Press **TIME SET** (located in the cradle). Press **TIME SET** again after hearing "Sunday, 12:00 a.m." You will hear, "Sunday."

2 Press **SKIP/+** or **REPEAT/-** (on the base) until the correct day is announced.

3 Press **TIME SET** again. The TC-920 will announce the hour.

4 Press **SKIP/+** to advance or **REPEAT/-** to reverse the hour. "a.m." and "p.m." will be announced for each hour.

5 Press **TIME SET** again. The TC-920 will announce the minutes.

6 Press **SKIP/+** to advance or **REPEAT/-** to reverse the minutes.

7 Press **TIME SET** again to end. The day and time will be announced.

NOTE:
■ If the time and day have not been set, all messages will be stamped with "Sunday 12:00 a.m."

ON/OFF

1 Press **ON/OFF** (located in the cradle) to turn the answering machine on and off. The PLAY/PAUSE INDICATOR on the base will light when the TC-920 answering machine is on.

TALKING CLOCK

The TC-920 also functions as a clock.

1 Press **TIME SET/CHECK** (in the cradle) once. The day and time will be announced.

BASE MESSAGE PLAYBACK

PLAY/PAUSE INDICATOR

The PLAY/PAUSE INDICATOR on the base has four settings:

- OFF** = the answering machine is off.
- ON** = the machine is on but no messages have been recorded.
- Light flashes quickly = new messages have been received and not yet played.
- Light flashes slowly = messages have been played and saved.

NOTE:
■ Slow flashing also indicates active recording mode.

PLAY NEW MESSAGES

When messages have been received and not played yet, the PLAY/PAUSE INDICATOR on the base will flash quickly. To listen to new messages only:

1 Adjust the base unit **VOLUME CONTROL** (located on the right side).

2 Press **NEW** on the base. The number of new messages will be announced.

3 All new messages are played in the order received. The message number, time and day will be announced before each message. After the last message is played, you will hear, "End of messages."

PLAY ALL MESSAGES

The PLAY/PAUSE INDICATOR on the base will flash slowly when messages have been played and saved.

1 Adjust the **VOLUME CONTROL** (located on the right side of the base).

2 Press **ALL** (on the base) to replay all new plus saved messages. The total number of messages will be announced.

3 All messages are played in the order received. The message number, time and day will be announced before each message. After the end of the last message you will hear "End of messages."

REPEAT MESSAGES

You can repeat the current message.

1 During playback of messages, press **REPEAT** (on the base) once to repeat the current message.

SKIP BACKWARD

Skip backward, message by message.

1 During playback of messages, press **REPEAT** twice to skip backward to the previous message. Press **REPEAT** each time you want to skip backward through messages.

SKIP FORWARD

You can skip forward through messages.

1 Press **SKIP** once to skip forward to the next message.

PAUSE MESSAGE PLAYBACK

You can temporarily pause message playback up to five minutes. The TC-920 will not answer calls in the Pause Mode.

1 Press **ALL** or **NEW** during message playback.

You have three options during pause:

2 Press **ALL** or **NEW** again to resume listening to messages.

OR

2 Leave the TC-920 in Pause Mode. It will automatically reset to answer calls after five minutes. All messages will be saved.

OR

2 Press **ON/OFF** (in the cradle) twice to end pause. All messages will be saved.

REPLAY ALL MESSAGES

To replay all messages,

1 Press **ALL** on the base after hearing, "End of messages."

AUTOMATIC SAVE

If you do not press **SAVE** (1 on the keypad) to messages or after playing them, the TC-920 will automatically save all the messages.

ERASE INDIVIDUAL MESSAGES

You can erase specific messages while saving others.

1 Press **ERASE** while listening to a specific message.

2 If you change your mind and decide to save the message, press **SAVE** at end of message playback.

ERASE ALL MESSAGES

1 Press **ERASE** within seven seconds after hearing "End of messages" to erase all messages. You will hear "Erase Messages".

NOTE:
■ Messages that were individually saved during playback will be erased.

SAVE ALL MESSAGES

1 If you wish to save all messages, press **SAVE** within seven seconds after hearing "End of messages" or after pressing **ERASE**.

NOTE:
■ Messages that were individually erased during playback will be saved.

ANSWERING A CALL DURING PLAYBACK

If you receive an incoming call during message playback:

1 Press **TALK** on the handset or pick up any extension phone to speak with the caller. All messages will be automatically saved.

MESSAGE FILE

Message File offers a convenient way to store important messages, long messages or to separate messages for business, personal use or for other users.

MESSAGE FILE INDICATOR

The green MESSAGE FILE INDICATOR on the base has three settings when the answering machine is turned on:

- OFF** = No messages have been filed.
- Quickly flashes** = New messages have been transferred and not yet played.
- Slowly flashes** = File messages were played and saved.

TRANSFER MESSAGES TO MESSAGE FILE

To store messages into Message File:

1 Press **ALL** or **NEW** on the base to playback your messages.

2 Press **MESSAGE FILE** during message playback. You will hear "Message Two Transferred" to indicate that a newly transferred message has been saved in Message File.

NOTE:
■ If there are no messages in Message File, you will hear "No file messages."
■ After the last message is played you will hear "End of messages."

When playing messages in Message File, you can utilize the convenient playback features such as: Pause, Skip/Repeat and Selective Save/Erase.

1 Press **MESSAGE FILE**. The number of messages in Message File will be announced. Messages stored in this location will be played.

NOTES:
■ If there are no messages in Message File, you will hear "No file messages."
■ After the last message is played you will hear "End of messages."

RECORD A MEMO AT BASE

You can record a memo for another household member or as a reminder for yourself up to five minutes in length. The memo will be stamped with the time and day it was recorded.

1 Press **MEMO** on the base unit.

2 You will hear "Please record message." Begin speaking into the Microphone (located at the bottom right-hand corner) about 7" from the base unit.

3 Press **MEMO** to end the recording.

Recorded memos are played along with the incoming messages in the order in which they were recorded.

HANDSET MESSAGE PLAYBACK

HANDSET MESSAGE INDICATOR

In the Standby Mode, if you have messages, the MESSAGES INDICATOR on the handset flashes for 10 seconds after the handset is used. (In the Standby Mode the TALK INDICATOR on the handset is not lit.)

NOTE:
■ The MESSAGES INDICATOR on the handset does not flash for messages stored in Message File.

MESSAGE PLAYBACK FROM THE HANDSET

You can play new and saved messages privately through the handset. Make sure the handset is in the Standby Mode and the answering machine is on.

1 Press **REMOTE/SCREEN** and then **PLAY** (3 on the keypad). You will hear a beep and the MESSAGES LED on the handset will light solid.

After listening to messages, to exit the Handset Playback Mode:

2 Return the handset to the base cradle.

OR

2 Press **REMOTE/SCREEN** again.

NOTE:
■ If you hang up during handset message retrieval, all messages will be saved.

REPEAT MESSAGES

You can repeat the current message.

1 Press **REPEAT** (* TONE key) once to repeat the current message.

SKIP BACKWARD

Skip backward message by message.

1 Press **REPEAT** (* TONE key) twice to skip backward to the previous message. Press **REPEAT** each time you want to skip backward through messages.

SKIP FORWARD

You can skip forward through messages.

1 Press **SKIP** (# key) once to skip forward to the next message.

SAVE ALL MESSAGES

Messages will be saved within seven seconds after you hear the last message. To manually save all messages,

1 Press **SAVE** (1 on the handset keypad) after hearing, "End of messages."

ERASE ALL MESSAGES

All messages may be erased within seven seconds after hearing the last message.

1 Press **ERASE** (4 on the keypad) after hearing "End of messages."

ERASE INDIVIDUAL MESSAGES

Erase specific messages during Handset message playback.

1 Press **ERASE** (4 on the keypad) during playback of a specific message.

2 The specific message will be erased 7 seconds after hearing "End of Messages" unless **SAVE** (1 on the keypad) is pressed.

AUTOMATIC SAVE

If you do not press **SAVE** (1 on the keypad) or **ERASE** (4 on the keypad) while listening to messages or after hearing "End of messages," the TC-920 will automatically save all messages.

TRANSFER MESSAGES TO MESSAGE FILE

To store messages into Message File while playing back messages through the handset:

1 Press **REMOTE/SCREEN** on the handset and then **PLAY** (3 on the handset keypad) to playback your messages.

2 Press **MSG FILE** (6 on the handset keypad) during message playback. The green MESSAGE FILE INDICATOR on the base will flash quickly to show that a message has been transferred to Message File.

NOTE:
■ If **SAVE** is pressed at the end of message playback, then all messages will be saved in the main location, and the messages that were transferred during playback will also be saved in Message File.

PLAY ALL MESSAGES IN MESSAGE FILE

When playing messages in Message File, you can utilize the convenient playback features such as: Skip/Repeat, and Selective Save/Erase.

1 Press **REMOTE/SCREEN** on the handset and then **MSG FILE** (6 on the handset keypad). Messages stored in this location will be played. After the last message is played you will hear "End of file messages".

CALL SCREENING

When the phone rings, the TC-920 will answer the call. You may use the handset to screen your phone calls.

1 Be sure the PLAY/PAUSE INDICATOR on the base unit is on.

2 Press **REMOTE/SCREEN** to listen to incoming calls from the cordless handset. You will hear the TC-920 play your greeting and your caller leave a message.

3 Press **REMOTE/SCREEN** again to exit Call Screening.

4 To speak to the caller, press **TALK** on the handset. The unit will stop recording.

NOTE:
■ DO NOT press **ON/OFF** on the base unit as you may disconnect your caller.
5 To hang up, press **TALK** or return the handset to the base unit. The unit will automatically reset to answer new calls.

ANSWER A CALL DURING PLAYBACK

If a call comes in while you are playing your messages through the handset, the answering machine will not answer the call. Your phone will ring if the HANDSET RINGER SWITCH is set to "RINGER ON."

1 Press **TALK** on the handset to answer the incoming call. All messages will be saved.

2 To hang up and continue listening to your messages, press **TALK**, **REMOTE/SCREEN** and then **PLAY** (3 on the keypad).

3 After listening to messages, return the handset to the base or wait seven seconds to exit the Playback Mode.

MEMO & CONVERSATION RECORD

RECORD A MEMO

You can record a memo using the handset.

1 Be sure the TALK INDICATOR on the handset is not lit. (The handset must be in Standby Mode.)

2 Press **REMOTE/SCREEN** on the handset.

3 Press **MEMO** (2 on the handset keypad).

4 The LOW BATT/RECORD INDICATOR above the 2 button will light solid and you will hear "Please record a message" through the earpiece. The TC-920 will begin recording.

5 Press **MEMO** or **REMOTE/SCREEN** again to end the recording and return to Standby Mode.

CONVERSATION RECORD

The TC-920 allows you to record important telephone conversations.

1 Press **REMOTE/SCREEN** on the handset during your phone conversation.

2 Press **CONV** (5 on the handset keypad). The LOW BATT/RECORD INDICATOR above the 2 button will light solid and the TC-920 will begin recording.

3 Press **CONV** or **REMOTE/SCREEN** again to end the recording and return to Standby Mode.

NOTE:
■ In certain states, it is unlawful and may lead to criminal penalties to record any telephone conversation without prior consent of all parties.

HANDSET TELEPHONE OPERATION

HANDSET LOW BATTERY INDICATOR

When the battery pack needs recharging, the LOW BATT/RECORD indicator on the handset will flash. You may also notice a reduction in the quality of your cordless handset communications. Return the cordless handset to the base unit when the LOW BATT/RECORD INDICATOR is flashing.

NOTE:
■ The batteries can be recharged many times, but if you get a low battery indication even after 12-15 hours of charging, you should replace the battery pack.

BATTERIES - If it becomes necessary to remove or replace the batteries see "HANDSET NI-CAD BATTERY INSTALLATION."

STANDBY MODE

In the Standby Mode, the handset is inactive and ready to receive calls. INDICATORS on the handset will not be lit in Standby Mode.

HANDSET VOLUME CONTROL

1 Press **VOL +** or **VOL -** to change the volume level of the handset during a conversation or during message playback. Each press of **VOL +** or **VOL -** will increase or decrease the sound level to one of four levels: Normal through High. When you hang up the volume will reset to the "Normal" setting.

ALARM

- If you move out of the base unit's operating range, you will hear a warning tone. Move closer to the base unit to deactivate the alarm. If you remain out of range for too long, the TC-920 will disconnect from the line.
- If the handset loses its security code you will also hear an alarm tone. To reset this security code place the handset in the base unit for a few seconds. Pick up the handset and try your call again.
- Interference from other appliances may also cause the alarm to sound. To prevent interference, move the base unit to another location and vertically position the base unit antenna.

AUTO HANG UP

When the handset is in the Talk Mode and returned to the base unit, it will automatically return to the Standby Mode and disconnect the call. It is not necessary to press TALK on the handset to disconnect the call.

PLACING A CALL

1 Pick up the handset and press **TALK**.

2 Wait for dial tone and dial the phone number. The CHARGING/LINE IN USE INDICATOR on the base flashes slowly to show that the handset is in use.

3 To hang up, press **TALK** again or return the handset to the base unit.

NOTE:
■ When you return the handset to the base unit, you are hanging up the phone (Standby Mode).

MISDIALING A NUMBER

1 Press **TALK** on the handset twice ("off" and "on"). Wait for dial tone and dial the correct number.

RECEIVING A CALL

1 When the phone rings, pick up the cordless handset and press **TALK**. Speak to the caller. To hang up, press **TALK** on the handset or return the handset to the base unit.

PLACING A CALL ON HOLD

1 Press **HOLD**. The TALK INDICATOR on the handset flashes slowly.

NOTE:
■ If a call has been on hold for five minutes, the TC-920 will automatically disconnect the call.

TAKING A CALL OFF HOLD

There are three ways to take a call off HOLD.

1 Press **HOLD** again on the handset.

OR

1 Press **TALK** on the handset.

OR

1 Pick up any extension phone that is connected to the same line.

LAST NUMBER REDIAL

The TC-920 remembers the last number you dialed.

1 Pick up the handset, press **TALK** and then **REDIAL/PAUSE**

FCC REQUIREMENTS
USER INSTRUCTIONS

1. This equipment complies with Part 68 of the FCC rules. On the bottom of this equipment is a label that contains, among other information, the FCC registration number and Ringer Equivalence Number (REN) for this equipment. If requested, provide this information to your telephone company.

2. The REN is useful to determine the quantity of devices you may connect to your telephone line and still have all of those devices ring when your number is called. In most, but not all areas, the sum of the RENs of all devices should not exceed five (5.0). To be certain of the number of devices you may connect to your line, as determined by the REN, you should call your local telephone company to determine the maximum REN for your calling area.

3. If your answering machine causes harm to the telephone network, the telephone company may discontinue your service temporarily. If possible, they will notify you in advance. But if advance notice is not practical, you will be notified as soon as possible. You will be advised of your right to file a complaint with the FCC.

4. Your telephone company may make changes in its facilities, equipment, operations, or procedures that could affect the proper operation of your equipment. If they do, you will be given advance notice so as to give you an opportunity to maintain uninterrupted service.

5. If there is a problem with this unit, the telephone company may ask you to disconnect this equipment from the network until the problem has been corrected or you are sure that the equipment is not malfunctioning.

6. Repairs can only be made by the manufacturer or an authorized service agency. Unauthorized repairs void registration and warranty. Contact seller or manufacturer for details of permissible user-performed routine repairs, and where and how to have other than routine repairs made.

7. This equipment may not be used on coin service provided by the telephone company. Connection to party lines is subject to state tariffs. (Contact your state public utility commission or corporation commission for information.)

Jack: RJ11 Ringer Equivalence: See bottom/underside of the TC-920 base unit.
CASIO PHONEMATE, Inc. 20665 Manhattan Place, Torrance, CA 90501

NOTE: 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.

Any changes made by the user not approved by CASIO PHONEMATE can void the user's authority to operate the equipment. This product is hearing aid compatible.

IMPORTANT
SAFETY INSTRUCTIONS

INSTALLATION INSTRUCTIONS

1. Never install telephone wiring during a lightning storm.

2. Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations.

3. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.

4. Use caution when installing or modifying telephone lines.

SAFETY PRECAUTIONS

When using your telephone equipment, basic safety precautions should always be followed to reduce the risk of fire, electric shock and injury to persons, including the following:

1. Read and understand all instructions.

2. Follow all warnings and instructions marked on the product.

3. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.

4. Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.

5. Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product.

6. Slots and openings in the cabinet and the back or bottom are provided for ventilation, to protect it from overheating, these openings must not be blocked or covered. The openings should never be blocked by placing the product on the bed, sofa, rug, or other similar surface. This product should never be placed near or over a radiator or heat register. This product should not be placed in an enclosed environment unless proper ventilation is provided.

7. Do not allow anything to rest on the power cord. Do not locate this product where the cord will be abused by animals or persons walking on it.

8. Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock.

9. Never push objects of any kind into this product through cabinet slots as they may touch dangerous voltage points or short out parts that could result in a risk of fire or electric shock. Never spill liquid of any kind on the product.

10. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceworker when service or repair work is required. Opening or removing covers may expose you to dangerous voltages or other risks. Incorrect re-assembly can cause electric shock when the appliance is subsequently used.

11. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:

A. When the power supply cord or plug is damaged or frayed.

B. If liquid has been spilled into the product.

C. If the product has been exposed to rain or water.

D. If the product does not operate normally by following the operating instructions. Adjust only those controls, that are covered by the operating instructions because improper adjustment of other controls may result in damage and will often require extensive work by a qualified technician to restore the product to normal operation.

E. If the product has been dropped or the cabinet has been damaged.

F. If the product exhibits a distinct change in performance.

12. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

13. Do not use the telephone to report a gas leak while near the leak.

CHARGE THE HANDSET BATTERIES BEFORE USING THE CORDLESS TELEPHONE

The batteries lose their charge during shipping and storage. Be sure to charge the batteries before you use the TC-920 cordless telephone. Place the handset in the base unit. The CHARGING/LINE IN USE INDICATOR on the base will light. Leave the handset in the base unit for 12-15 hours.

DIGITAL SECURITY CODE

The Digital Security Coding System automatically resets a new personal security code to one of over 64,000 combinations every time you return the TC-920 handset to the base unit. (Whenever the handset is returned to the base unit you will hear a beep.) The security code prevents unauthorized use of your telephone line, false rings and false dialing.

SAVE THESE INSTRUCTIONS

IMPORTANT CORDLESS
TELEPHONE INFORMATION

INTERFERENCE INFORMATION

Notice: This cordless telephone uses radio communications between the handset and the base unit, and may not ensure privacy of communication. Other devices including other cordless telephones may interfere with the operation of this cordless telephone or cause noise during operation. Cordless telephone equipment generates and receives radio waves and, if not installed and used properly, may pick up interference.

To prevent interference:

Avoid locations such as heating appliances, electrical equipment (e.g., fluorescent lamp, TV, radio, refrigerator, computer), places subject to direct sunlight, excessive dust, moisture, vibration, etc.

Locate the base unit in a high place in the house (such as the second floor) in order to receive the most effective communication range. Fully extend the base unit antenna. Telephones must not cause interference to any licensed radio service.

WARNING

To prevent fire or shock hazard, do not expose the set to rain or moisture.

To avoid electrical shock, do not open the cabinet. Refer servicing to qualified personnel only.

CAUTION

1. Use batteries only intended for recharging. Use only the following battery pack:
Nickel-Cadmium Rechargeable, 3.6 volts, 600 mAh.

2. Do not dispose of the battery in a fire. The cell may explode. Check with local codes for special disposal instructions.

3. Do not open or mutilate the battery Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.

4. Exercise care when handling the battery in order not to short the battery with conducting materials such as rings, bracelets, and keys. The battery or conductor may overheat and cause burns.

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IMPORTANT FEATURES

BENEFITS OF 900 MHZ CORDLESS TECHNOLOGY

GREATER RECEPTION RANGE

Shorter, more powerful signals are able to travel farther and penetrate thick concrete walls, enabling users a wider area of reception, free of interference caused by obstructions.

ULTRA CLEAR NOISE REDUCTION CIRCUIT

The TC-920 is equipped with Ultra Clear Noise Reduction Circuitry (Compander Circuit). It reduces background noise-reception is superior to conventional cordless telephones.

40 CHANNELS WITH CLEAR CHANNEL SELECTION

The TC-920 has 40 channels with Clear Channel Selection. Clear Channel Selection checks and secures a clear channel with every call. When you press **TALK** to call out or receive a call, the unit automatically finds a clear channel. Press **CHANNEL** if you wish to change channels manually.

HEADSET JACK

As a convenience, the TC-920 cordless phone can be operated hands-free using a wired headset and the belt clip provided with the unit. An industry standard 2.5mm headset jack is built into the handset for attachment to a headset. The belt clip can be used in conjunction with the headset. It snaps easily and securely into the back of the handset. Note: headset not provided.

OTHER FEATURES

AUTO EXTENSION DISCONNECT

You can answer a call from any extension phone connected to the same line as the TC-920. Pick up any extension phone after the TC-920 has answered a call. The unit will automatically stop playing your greeting or recording a message. If it does not stop, hang up briefly and answer the call again.

MODEM MONITOR™ CONNECTION PROTECTION

Modem Monitor™ constantly scans the telephone line and protects the modem and fax connections when a call attempt is made from the TC-920 or any phone that includes the Modem Monitor™ feature. It distinguishes between data and standard voice communication and allows for normal telephone operation. Modem Monitor™ prevents the telephone from interrupting an online session and safeguards data during file transfer.

When the TC-920 detects a modem in use on the line to which it is connected, the Modem Monitor™ feature prevents the TC-920 from going off-hook. When you attempt to make a call on the TC-920 and a modem is connected, the TALK LED will flash to indicate active data transmission and you will hear the modem data sounded through the handset earpiece. The data you hear is protected from interruptions. The MODEM MONITORTM INDICATOR on the base unit will light red.

NOTE:

■ If you wish to disable Modem Monitor after pressing **TALK**, you can do so by pressing **9**. To insure that you can place outbound calls, you must still manually or electronically disconnect the modem.

CHARGING/LINE IN USE INDICATOR

Flashes red = someone is using an extension phone or the cordless handset.
Lights solid red = the handset is charging .

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Design and specifications are subject to change without notice.

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Internet Web Site:
http://www.casiophonemate.com

US Patents 5,400,393 & 5,289,529; Other Patents Pending.

CASIO
PHONE MATE®

TC-920
900 MHz CORDLESS PHONE WITH
ALL DIGITAL ANSWERING MACHINE

EASY TO USE OWNER'S GUIDE

INSTALLATION

1 **PLUG** the separate Telephone Cord included in the package into the rear of the unit. **PLUG** the TC-920's Telephone Cord into a Telephone Wall Jack.

2 **CONNECT** the AC Adapter Plug into the AC Adapter Outlet on the back of the TC-920. **LOOP** the cord through the AC Adapter Cord Holder to prevent accidental disconnection.

3 **PLUG** the AC Adapter into an Electrical Wall Outlet.

NOTE:
■ Disconnection of the AC Adapter from the back of the unit will cause the TC-920 to erase all recorded messages, greetings and the time and day.

4 The TC-920 will broadcast a beep in about 20 seconds indicating that the unit is fully initialized and ready to operate. On the base, all indicators will flash. The TC-920 is ready to record your personalized greeting.

5 You must install a fresh 9 volt battery in the base unit to prevent loss of the greetings and messages if power is interrupted. See "Installing a 9V battery".

6 Position the base antenna vertically for clear reception. Before use, place the handset in the base unit for 12-15 hours to charge the cordless handset batteries.

CHARGE THE HANDSET BATTERIES BEFORE USING THE CORDLESS TELEPHONE

The batteries lose their charge during shipping and storage. Be sure to charge the batteries before you use the TC-920 cordless telephone. Place the handset in the base unit. The CHARGING/LINE IN USE INDICATOR on the base will light. Leave the handset in the base unit for 12-15 hours.

TROUBLESHOOTING

Recorded greeting sounds garbled or difficult to hear.

Strictly follow the guidelines for recording your greetings to ensure the best possible quality:

1. Speak loudly and clearly about 7" from the Microphone.

2. Avoid any background noise.

3. Greeting should be recorded using the voice of one person.

No dial tone is heard when calling out.

1. Place the handset in the charging cradle for about 3 seconds to reset the security code.

2. Make sure the handset battery pack was charged for at least 12-15 hours.

3. Is the handset LOW BATT/RECORD INDICATOR on?

4. Check the telephone cord connection.

Your incoming messages, greetings and machine settings were erased.

Disconnection of the AC Adapter from the back of the unit will cause the TC-920 to lose all recorded messages, greetings and other settings. Make sure that you have looped the power cord through the AC Adapter Cord Holder on the back of the unit.

The unit does not record incoming messages.

1. Memory may be full. Erase messages to allow new messages to be recorded.

2. The VOLUME SWITCH may be set too low and recorded messages cannot be heard.

3. The machine may have been accidentally turned off.

4. The caller may have hung up within four seconds of the machine answering the call. The TC-920 will not record a message by design.

5. Your local telephone company may transmit signals that are recorded by your machine.

6. No calls were actually received.

Calls on hold are disconnected.

1. The call placed on hold may have exceeded the five minute holding limit.

2. Review the hold section.

The handset does not ring.

1. Place the handset in the charging cradle for about 3 seconds to reset the handset security code.

2. Make sure the HANDSET RINGER SWITCH is on.

3. Check the AC Adapter and the telephone cord connections.

Recorded messages are cut off.

The TC-920 is designed to disconnect from the line after a caller stops talking. Calls may be cut off if a four second pause is detected, if the caller does not speak loud enough, or if the message is less than four seconds in length.

You have more than one telephone number and are experiencing difficulty.

See MULTI-LINE INSTALLATION.

There is no sound during playback.

Check and adjust the base volume control.

Between messages there is an operator recording or a beep and dial tone.

The caller has hung up without leaving a message. A shorter greeting will reduce the frequency of these recordings.

LO BATT INDICATOR on the handset lights.

The handset needs to be charged.

The unit does not automatically stop playing the greeting or recording a message when an extension phone is picked up.

Hang up briefly and answer the call again.

After several attempts the TC-920 will not operate properly.

Reset the TC-920 by unplugging the AC ADAPTER PLUG from the back of the unit for 10 seconds and remove the battery (if one is installed). The greetings, incoming messages and time/day stamp will be lost. Re-record the greeting and set the time and day. If this action does not fix the problem, call the CASIO PHONEMATE Helpline. CASIO PHONEMATE's Helpline staff can often resolve problems or recommend repair service when needed.

Unless you live close to a CASIO PHONEMATE Service Center, you may be required to mail a product to CASIO PHONEMATE for repair. To mail the product to the service center you should:

1. Package the unit in its original box or a comparable package.

2. Include a clear and specific explanation of the problem.

3. Include your name, address, and phone number.

4. Provide a legible photocopy of the dated store receipt for warranty purposes.

TEMPLATE

FACTORY SERVICE CENTERS

CASIO PHONEMATE, INC.
Attn: Customer Service
20665 Manhattan Place
Torrance, CA 90501
(310) 328-6453

CASIO PHONEMATE, INC.
Attn: Customer Service
8805 Kelso Drive
Baltimore, MD 21221
(410) 391-0974

Should you have additional questions, please call the CASIO PHONEMATE Helpline at (310) 320-9810 for assistance.

WALL MOUNTING

The TC-920 can easily be wall mounted by following these instructions. If you have a standard telephone wall mounting bracket, begin with step 2.

1. Purchase and mount wood screws, round head, brass, size #10, 1/4 inches in length into wall. Use the template (left) to space screws correctly.

2. Guide the telephone cord through the right cord holder on the unit's bottom. Tightly coil the telephone cord around the four guides on the inside of the wall mounting bracket. Pull the telephone cord through the center opening on the wall mounting bracket.

3. Guide the AC Adapter through the left cord holder on the bottom of the unit. Tightly coil the AC Adapter cord around the four guides on the inside of the wall mounting bracket. Direct the AC Adapter cord through the opening in the side of the wall mounting bracket.

4. Snap the wall mounting bracket into the back of the TC-920.

5. Plug the AC Adapter into a wall outlet and hang the Handset on the fixed Handset hook and insure that the CHARGING LED on the base is lit solid. Vertically position the base antenna to ensure the best reception.

ADDITIONAL INFO

CHARGING THE BATTERIES

Charge the cordless handset batteries for 12-15 hours before using the handset for the first time or after installing a new battery pack. The handset is always charging while it is in the base unit and cannot be overcharged.

1 Check the AC Adapter to see that it is connected correctly.

2 Place the handset in the base unit. The CHARGING INDICATOR on the base unit lights to indicate the TC-920 is charging.

BATTERY BACKUP

Install one 9 volt (9V) battery in the base to protect your outgoing and incoming messages and any programmed information (i.e.; time/day stamp, remote access code) during a power failure. Otherwise, your greeting, incoming messages, the time/day and the handset security code will be lost, even during a short power failure. (The 9V battery is not included.)

INSTALLING A 9V BATTERY

1. Turn the TC-920 over and remove the battery cover while unit power is on.

2. Install a fresh 9V alkaline battery. Make sure the battery is connected correctly. Replace the cover.

PAGING THE HANDSET FROM THE BASE UNIT

To page the handset user or to locate the handset from the base unit, the handset must be in the Standby Mode (the TALK INDICATOR on the handset is not lit) and the Handset Ringer must be ON.

1 Press **PAGE** on the base unit. You will hear the handset ring, if the HANDSET RINGER SWITCH is set to "RINGER ON."

CHANGING CHANNELS

After TALK is pressed, the TC-920 selects a clear channel using Clear Channel Selection. If you hear noise or interference while using the TC-920, press **CHANNEL** on the handset to manually change channels.

DISTINCTIVE RING GREETING MODE

If you subscribe to a distinctive ring service from your local telephone company, you can set the TC-920 to play a different greeting for normal ring calls and distinctive ring calls. To set the TC-920 to Distinctive Ring Greeting Mode, select Greeting Two by pressing **GREETING SELECT**. The TC-920 will answer normal ring calls with Greeting Two and will answer special (distinctive) ring pattern calls with Greeting One.

POWER FAILURE

When power is restored after a power failure, all Base INDICATOR's will flash to indicate that the installed battery was depleted during the power failure. After you install a new 9 volt battery, reset the time/day stamp, record a new greeting and reprogram other settings.

TWO-LINE INSTALLATION

Two-line installations may require a two-line T-Adapter for your machine to operate correctly. The T-Adapter allows you to connect your machine to Line 1 or Line 2. The TC-920 will only answer one line.

MULTI-LINE INSTALLATION

Installations with more than two lines, such as a business phone system, may require a separate RJ11 jack for answering machines. Please contact your telephone equipment provider for additional information. You can use the TC-920 as an extension phone on a business phone system, but some systems will require that you install an A+A1 Adapter to light the in-use indicator on the receptionist's console.

WARNING: Use only NiCd Rechargeable Battery Pack (3.6 volts 600 mAh.)

LIMITED WARRANTY

IMPORTANT! SALES SLIP OR EVIDENCE OF PURCHASE DATE REQUIRED

This limited warranty gives you specific legal rights; you may also have other rights which vary from state to state. The limited warranty is extended only to the original consumer of a CASIO PHONEMATE product and is valid only with respect to consumers within the United States of America and Canada. Should this product prove defective by reason of improper workmanship or material during the period of one (1) year from the date of original purchase, CASIO PHONEMATE will repair or, at its option, replace the product without charge for parts or labor. If CASIO PHONEMATE elects to replace the product, such replacement may be accomplished with a factory-reconditioned unit. This limited warranty does not apply: (a) to any product damaged by accident, misuse, improper line voltage, lightning, fire, water, or other acts of nature, (b) if the product is altered or repaired by anyone other than CASIO PHONEMATE, INC. or one of its authorized warranty stations or (c) if the FCC-approved connector plugs are removed. This limited warranty does not cover broken or marred cabinets.

Except to the extent prohibited by applicable law, all implied warranties made by CASIO PHONEMATE in connection with this product are limited in duration to a period of one (1) year from the date of original purchase, and no warranties, whether expressed or implied, shall apply to this product after said period.

Should this product prove defective in workmanship or material, the consumer's sole remedies shall be such repair or replacement as is herein-above provided. Under no circumstances shall CASIO PHONEMATE be liable for any loss or damage, direct, consequential, or incidental arising out of the use of or inability to use this product.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusion may not apply to you.

In order to obtain warranty service, you must provide evidence of purchase date. For your convenience, keep the dealer's dated bill of sale or delivery ticket as evidence of the purchase date.

Before returning or exchanging your product, call CASIO PHONEMATE's Helpline at (310) 320-9810.

ACCESSORIES

To order accessories, simply cut out this order form, fill in the appropriate information and send it with payment (check, money order or credit card information) to: CASIO PHONEMATE Parts Department, 8805 Kelso Drive, Baltimore, MD 21221 or Call: 1-800-322-9995 for credit card orders.

Description	Part No.	Price	Qty.	Total
Lightning Arrestor - Recommended for areas prone to electrical storms.	2700140	\$19.95		
AC Adapter - For Model TC-920.	1601073	\$13.50		
Belt Clip (White)	2401734	\$4.95		
Belt Clip (Black)	2401735	\$4.95		
Headset (over ear)	8000688	\$19.95		
Headset (over head)	8000689	\$19.95		
Subtotal				
CA & MD residents add applicable sales tax				
All orders add shipping & handling				\$3.50
Total				

☐ Enclosed is my check/money order for the total amount.

Please charge my credit card. ☐ VISA ☐ MasterCard

Card No.

Expiration Date

Signature _____

City _____ State _____ Zip Code _____

Telephone _____

We do not accept C.O.D. orders. Allow 15 working days for delivery. Prices subject to change without notice. Returns subject to 20% restocking charge upon approval.

REFERENCIA RÁPIDA

GRABANDO EL SALUDO UNO

Usted puede grabar uno o dos saludos personales con duración hasta de 20 minutos. El saludo es grabado en un circuito integrado digital.

1 Asegúrese de que las luces indicadoras de su TC-920 estén encendidas o centellando.

2 Ajuste el control de volumen a su punto medio (control localizado en el lado derecho de su TC-920).

3 Oprima **GREETING RECORD** (grabación del saludo) (localizado en el área donde se coloca el auricular en la base).

4 Usted escuchará un bip seguido por la siguiente grabación *"Please Record Greeting One"* y luego otro bip. Hable claramente y con voz fuerte a unos 18 cm del micrófono localizado en la esquina derecha de la unidad base.

5 La luz indicadora junto a PLAY/PAUSE en la unidad base centellará lentamente para indicarle que está grabando.

FIJANDO LA HORA Y EL DÍA

Fije la hora y el día correctos. Su TC-920 asignará a cada mensaje la hora y el día en que fueron recibidos.

1 Oprima **TIME SET** (fijación de la hora) (localizado en el área donde se coloca el auricular en la base) dos veces rápidamente. Usted escuchará, "Sunday."

2 Oprima **SKIP** o **REPEAT** (en la base) hasta que el día correcto sea anunciado.

3 Oprima **TIME SET**. Su TC-920 anunciará la hora.

4 Oprima **SKIP** para avanzar o **REPEAT** para retroceder la hora. «a.m.» y «p.m.» será anunciado para cada hora.

5 Oprima **TIME SET**. Su TC-920 anunciará los minutos.

6 Oprima **SKIP** para avanzar o **REPEAT** para retroceder los minutos.

7 Oprima **TIME SET** de nuevo para terminar. El día y la hora serán anunciados.

NOTE:
■ Para grabar el Saludo Dos, oprima **GREETING SELECT** (selección de saludo) para indicarle a su TC-920 que conteste utilizando el Saludo Dos, luego siga los pasos indicados anteriormente en la sección GRABANDO EL SALUDO UNO.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs; to minimize or prevent such interference, the base of the cordless telephone should be placed near or on 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.

** This will be included in the manual **