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 HANDSE RINGER SWITCH set to "PWR SAVER" (the ringer Select Switch set to 4 rings. Set the *RING* is off). When set to PWR SAVER (power saver), SELECT SWITCH (labeled RINGS) to 4, 2, or TS the battery power is conserved. Turn the handset (Tollsaver) to select the number of rings before to "RINGER ON" before use. the TC-920 answers.

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.

SELECT GREETINGS

Press **GREETING SELECT** (in the cradle)

You will hear "Greeting One" or "Greeting

• Pressing **GREETING SELECT** again will

The TC-920 will now answer all calls with

change the setting to the other Greeting.

■ If a greeting has not been recorded, all callers will

RECORD GREETING ONE

ou can record one or two customized greetings

Be sure the TC-920's indicators are lit or

■ Set the VOLUME CONTROL at midpoint

■ The sound level is automatically adjusted when the

? Press *GREETING RECORD* (located in

Record Greeting One" and a beep. Speak

microphone located at the lower right hand

corner of the base unit. The PLAY/PAUSE

Press **GREETING RECORD** again after

resets to answer phone calls with Greeting

INDICATOR on the Base unit will flash

slowly to confirm that recording is in

you have finished speaking. The greeting

replays automatically and the TC-920

■ If a greeting has not been recorded, callers will hear

■ The greeting should be recorded by only one person

RECORD GREETING TWO

GREETING SELECT to set the TC-920

to answer with Greeting 2, then follow the

steps noted above in the section "RECORD

■ The greeting should be recorded without any

o record Greeting Two, press

"Record a message.

speaking into the Microphone.

GREETING ONE."

background noise.

the cradle area). You will hear "Please

loudly and clearly about 7" from the

(located on right side of TC-920).

greeting is played over the phone line.

up to 20 minutes in length. The greeting is

Two" to indicate the current setting.

the selected greeting.

hear "Record a message."

recorded on a digital chip.

To select Greeting One or Greeting Two:

RING SELECT

The answering machine is shipped with the Ring

4 = The TC-920 will answer on the fourth ring

2 = The TC-920 will answer on the **second** ring.

eliminate toll charges by letting you know

if there are any new messages before the

TC-920 answers. When set to TS, the

Second ring = NEW messages

Fourth ring = NO new messages

Hang up after three rings to avoid toll

■ 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

TONE/PULSE

This switch configures the TC-920 to dial out

the service supplied by your local telephone

or pulse service, set this switch to "PULSE."

TONE = for Touchtone service

the TC-920 is turned on

with either touchtone or pulse signals to match

company. The TC-920 is shipped with the TONE/

PULSE SWITCH set to "TONE." If you have rotary

PULSE = for Rotary dialing or Pulse services

CHECK GREETING

You can listen to either greeting anytime when

Press **GREETING SELECT** until the

? Press GREETING CHECK (located in

Let the cradle of TC-920.) The TC-920 will

play the greeting and reset to answer new

desired greeting is announced

TS = When calling to retrieve messages from a

remote location, Tollsaver will help

TC-920 answers on:

charges.

PLAY/PAUSE INDICATOR he PLAY/PAUSE INDICATOR on the base has

- four settinas
- . **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.
- 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

- Adjust the base unit **VOLUME CONTROL** (located on the right side).
- The number of Press **NEW** on the base. The number of new messages will be announced.
- All new messages are played in the order **J** 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 he PLAY/PAUSE INDICATOR on the base will

flash slowly when messages have been played and saved. Adjust the **VOLUME CONTROL**

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

1 All messages are played in the order 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

During playback of messages, press

REPEAT (on the base) once to repeat the

SKIP BACKWARD

During playback of messages, press

REPEAT twice to skip backward to the

previous message. Press **REPEAT** each

time you want to skip backward through

SKIP FORWARD

Press **SKIP** once to skip forward to the

ou can skip forward through messages.

ou can repeat the current message

Skip backward, message by message.

messages

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

INITIAL SETUP

SET THE TIME/DAY set the current time and day. The TC-920 will

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

stamp each message with the time and day.

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

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

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

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

6 Press SKIP/+ to advance or REPEAT/-

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

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

ON/OFF

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.

The ringer will operate with the unit off, but no messages will be recorded.

TALKING CLOCK

The TC-920 also functions as a clock.

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

BASE MESSAGE PLAYBACK

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

You have three options during pause:

? Press **ALL** or **NEW** again to resume Listening to messages.

Leave the TC-920 in Pause Mode. It will automatically reset to answer calls after

five minutes. All messages will be saved.

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

REPLAY ALL MESSAGES

o replay all messages,

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

AUTOMATIC SAVE

If you do not press ERASE while listening 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

Press ERASE while listening to a specific

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

message playback.

ERASE ALL MESSAGES

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

Messages that were individually saved during playback will be erased

SAVE ALL MESSAGES

repeat the current message. If you wish to save all messages, press **SAVE** within seven seconds after hearing "End of messages" or after pressing

Messages that were individually erased during

ANSWERING A CALL **DURING PLAYBACK**

If you receive an incoming call during message

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 nessages 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. 2. Quickly flashes = New messages have been

transferred and not yet played. . Slowly flashes = File messages were played

TRANSFER MESSAGES TO MESSAGE FILE

To store messages into Message File:

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

1 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.

ERASE

■ 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: 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.

■ 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

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.

Press **MEMO** to end the recording.

Press **MEMO** on the base unit.

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

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.

HANDSET MESSAGE PLAYBACK

HANDSET MESSAGE INDICATOR

You will hear "Please record message."

L Begin speaking into the Microphone

about 7" from the base unit.

(located at the bottom right-hand corner)

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.)

■ 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

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 **7** Return the handset to the base cradle.

1 Press **REMOTE/SCREEN** again.

■ If you hang up during handset message retrieval, all

REPEAT MESSAGES ou can repeat the current message.

Press **REPEAT** (* TONE key) once to

SKIP BACKWARD Skip backward message by message

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

SKIP FORWARD

ou can skip forward through messages.

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

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.

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

ERASE INDIVIDUAL MESSAGES Erase specific messages during Handset

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

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

TRANSFER MESSAGES TO

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

MESSAGE FILE

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

→ 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.

■ 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

CALL SCREENING

incoming calls from the cordless handset.

You will hear the TC-920 play your greeting

To speak to the caller, press **TALK** on the

and your caller leave a message.

3 Press **REMOTE/SCREEN** again to exit

handset. The unit will stop recording.

■ DO NOT press *ON/OFF* on the base unit as you may

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

Press **TALK** on the handset to answer the

incoming call. All messages will be saved.

◆ To hang up and continue listening to your

messages, press TALK, REMOTE/

SCREEN and then PLAY (3 on the

3 After listening to messages, return the handset to the base or wait seven seconds

to exit the Playback Mode.

ring if the HANDSET RINGER SWITCH is set to

5 To hang up, press *TALK* or return the

disconnect your caller.

"RINGER ON."

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

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".

When the phone rings, the TC-920 will answer the call. You may use the handset to screen your Each press of **VOL** + or **VOL** - will Be sure the PLAY/PAUSE INDICATOR on the base unit is on. "Normal" setting. • Press **REMOTE/SCREEN** to listen to

ALARM

1. 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.

2. 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.

cause the alarm to sound. To prevent interference, move the base unit to another location and vertically position the base unit

AUTO HANG UP When the handset is in the Talk Mode and

handset to disconnect the call.

PLACING A CALL

CONVERSATION RECORD

handset during your phone conversation.

• Press *CONV* (5 on the handset keypad).

Press **CONV** or **REMOTE/SCREEN**

again to end the recording and return to

In certain states, it is unlawful and may lead to

criminal penalties to record any telephone

conversation without prior consent of all parties.

above the 2 button will light solid and the

The LOW BATT/RECORD INDICATOR

TC-920 will begin recording.

The TC-920 allows you to record important

1 Press **REMOTE/SCREEN** on the

telephone conversations.

Standby Mode.

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

MEMO & CONVERSATION RECORD

HANDSET TELEPHONE OPERATION

RECORD A MEMO

handset is not lit. (The handset must be in

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

The LOW BATT/RECORD INDICATOR

will hear "Please record a message"

□ Press MEMO or REMOTE/SCREEN

again to end the recording and return to

HANDSET LOW BATTERY

INDICATOR

LOW BATT/RECORD Indicator on the handset will

When the battery pack needs recharging, the

flash. You may also notice a reduction in the

quality of your cordless handset communica-

tions. Return the cordless handset to the base

■ 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

unit when the LOW BATT/RECORD INDICATOR is

through the earpiece. The TC-920 will

above the 2 button will light solid and you

You can record a memo using the handset.

Be sure the TALK INDICATOR on the

Press **REMOTE/SCREEN** on the

Standby Mode.)

begin recording.

Inumber. The CHARGING/LINE IN USE INDICATOR on the base flashes slowly to show that the handset is in use.

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

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

PLACING A CALL ON HOLD Press **HOLD**. The TALK INDICATOR on the handset flashes slowly.

TAKING A CALL OFF HOLD There are three ways to take a call off HOLD

Press HOLD again on the handset.

Press **TALK** on the handset.

connected to the same line. 3. Interference from other appliances may also

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

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

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

MISDIALING A NUMBER

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

RECEIVING A CALL

■ 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

the cradle). You will hear the current

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

Press SKIP/+ or REPEAT/- until the first number you select is announced.

Repeat steps 2 and 3 to set the second and third remote code digits. Press **CODE SET/CHECK** again to end.

3-digit access code announced. Pick up any extension phone that is

The TC-920 remembers the last number you Call your answering machine from most cellular

automatically redial the number.

FLASH/CALL WAITING

FLASH (on the handset) to answer the second call. Press *FLASH* again to return to the first call. Flash may also be used on a business phone system (CENTREX, PBX) for transferring calls.

AUTODIAL

STORING AUTODIAL NUMBERS

You may store up to 10 of your most frequently

numbers can be up to 24 digits in the Tone Mode

Press **STORE** on the handset. You will

Enter one of the telephone numbers you

want to store in the AutoDial memory by

dialing it on the keypad. You will hear a

Enter a one-digit keypad number (0-9) as

the AutoDial location for that number. You

Write the names and telephone numbers

of the people whose numbers you have

Repeat steps 1-4 to store up to 10

(located under the base unit).

Autodial numbers are stored in the handset

permanently until they are changed. Autodial

numbers will not be lost when installing a new

■ You can store important emergency numbers in

example) but Casio PhoneMate assumes no

responsibility for this feature

AutoDial memory (police, fire, medical or 911 for

USING AUTODIAL

■ To erase AutoDial numbers, store a new number in

the AutoDial location you wish to erase. For example

you may store a one digit number to erase an old

will hear two beeps

AutoDial numbers.

phone number

handset battery.

the dial tone.

dialed numbers in AutoDial memory. Autodial

and the Pulse Mode.

7 Press the one-digit AutoDial location number you wish to dial (0-9 on the automatically. You will hear a series of

ONE/PULSE MIXED DIALING

It is assumed that the TC-920 is set to "PULSE (see "TONE/PULSE SWITCH SETTING".) If you live in a pulse or rotary dialing area, you can use tone to access a long distance service (i.e. Sprint or MCI), bank by phone or any other service that

Dial your telephone number and wait for I the line to connect. (You dialed your call in

↑ Press *** TONE** on the handset to temporarily change from Pulse to Tone

Special service or access number.

Pause is convenient for use on a busines be dialed to reach an outside phone line. This feature can also be used for a long distance service (i.e.; MCI) where you have to wait for a second dial tone before you continue dialing. Follow instructions for "STORING AUTODIAL NUMBERS.'

Press **REDIAL/PAUSE** on the handset digit in the AutoDial memory

REMOTE OPERATION

You can use Remote Operation from most touchtone or cellular phones to retrieve, replay, erase and save messages.

PROGRAM Enter 3 to erase messages.

TC-920 is shipped with the code set to 1-2-3. To change your 3-Digit Remote Access Code:

REMOTE ACCESS CODE

first remote code digit is announced.

You will hear the newly programmed

Press CODE SET/CHECK (located in ■ Remote menu items 1, 2 and 3 will not be announced if no messages are received and stored. Remote

The Press CODE SET/CHECK again within are stored in Message File five seconds after the audio speech. You will hear, "Enter remote code one." The

REPEAT MESSAGES - Press * once SKIP BACKWARD - Press * twice SKIP FORWARD - Press # once. **REPLAY ALL MESSAGES** - Press 1

GREETING BYPASS requent callers can skip your greeting when they call to leave a message. Instruct them to press # on their touchtone keypad any time after the TC-920 answers their call.

REMOTE MESSAGE RETRIEVAL

pay or touchtone telephones. Enter your 3-DIGIT REMOTE ACCESS CODE immediately after the greeting begins. ■ If the TC-920 does not respond when you enter your

code, try again after the beep. After entering your 3-digit remote access code, the number of new messages will be announced. If new messages have been received, they will play in the order of receipt. After all new messages have played, you will hear "End of messages." Select another option or hang up.

■ Hang up anytime to cancel Remote Message Playback. The TC-920 will automatically save all messages, unless you choose to erase them.

? Press **AUTODIAL**.

keypad). The TC-920 will dial your number beeps during dialing.

requires touchtone dialing.

when a pause is required. Each pause is two seconds in length and counts as one

REMOTE VOICE MENU Enter **1** to play messages. Enter 2 to save messages

Enter 6 for Greeting One (or Two) Enter 7 to play file messages.

REMOTE OPERATION OPTIONS

SAVE ALL MESSAGES - Press 2. message plays back, you will hear, "Erase "End of messages." AUTO SAVE - If you do not press SAVE or ERASE,

the TC-920 will automatically save all messages.

PLAY MESSAGES IN MESSAGE FILE - Press 7.

CHANGE GREETINGS - Press **6**.

Call and let your phone ring 10 times or more. The TC-920 will turn on and you will hear "Please enter remote code."

MEMORY FULL MESSAGE RETRIEVAL

is played. Enter your 3-DIGIT REMOTE ACCESS CODE. After listening to messages, press **3** on the keypad to erase them. If you have erased messages, the TC-920 can now answer calls and

LAST NUMBER REDIAL

Pick up the handset, press **TALK** and then **REDIAL/PAUSE**. The TC-920 will

If you subscribe to a call waiting service and you

receive another call while using the phone, press

Enter 4 to record message. Enter 5 to record greeting.

menu item 7 will not be announced if no messages

ERASE INDIVIDUAL MESSAGES - Press 3 as a message" and then the next message will play. **RASE ALL MESSAGES** - Press 3 after hearing

RECORD MEMO - Press 4. **RECORD GREETING** - Press 5.

REMOTE TURN-ON

You will hear "Memory is Full" after your greeting

record new messages.

beep after entering each digit. Press **AUTODIAL**

 Dial the tone numbers. This could be a stored on the TC-920's AutoDial index card

Hang up and the TC-920 automatically returns to the Pulse Mode.

PROGRAMMABLE PAUSE telephone system (i.e.; PBX) when an 8 or 9 must

■ Press TALK on the handset and wait for the land wait.

FCC REQUIREMENTS **USER INSTRUCTIONS**

- 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
- . 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.
- 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
- 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.
- . 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.
- 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.
- 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 quarantee 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
- 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

- Never install telephone wiring during a lightning storm.
- Never install telephone jacks in wet locations unless the jack is specifically designed for wet locations. Never touch uninsulated telephone wires or terminals unless the telephone line has been disconnected at the network interface.
- . 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 o fire, electric shock and injury to persons, including the following:

- . Read and understand all instructions
- . Follow all warnings and instructions marked on the product
- . Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a damp cloth for cleaning.
- Do not use this product near water; for example, near a bath tub, wash bowl, kitchen sink, or laundry tub, ir a wet basement, or near a swimming pool.
- . Do not place this product on an unstable cart, stand, or table. The product may fall, causing serious damage to the product
- . 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 nea or over a radiator or heat register. This product should not be placed in an enclosed environment unless proper ventilation is provided
- 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.
- . Do not overload wall outlets and extension cords as this can result in the risk of fire or electric shock. . 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
- 0. To reduce the risk of electric shock, do not disassemble this product, but take it to a qualified serviceperson 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
- 1. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions
- 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. If the product has been dropped or the cabinet has been damaged.
- F. If the product exhibits a distinct change in performance.
- 2. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.

SAVE THESE INSTRUCTIONS

CHARGING THE BATTERIES

Charge the cordless handset batteries for 12-15

hours before using the handset for the first time

handset is always charging while it is in the base

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

stamp, remote access code) during a power

security code will be lost, even during a short

power failure. (The 9V battery is not included.)

INSTALLING A 9V BATTERY

Turn the TC-920 over and remove the battery

the battery is connected correctly. Replace the

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

handset is not lit) and the Handset Ringer must

Press **PAGE** on the base unit. You will hear

the handset ring, if the HANDSET RINGER

Standby Mode (the TALK INDICATOR on the

SWITCH is set to "RINGER ON."

2. Install a fresh 9V alkaline battery. Make sure

failure. Otherwise, your greeting, incoming

messages, the time/day and the handset

cover while unit power is on

and any programmed information (i.e.; time/day

or after installing a new battery pack. The

unit and cannot be overcharged.

connected correctly.

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

TELEPHONE INFORMATION

IMPORTANT CORDLESS

INTERFERENCE INFORMATION

lotice: 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 elephone equipment generates and receives radio waves and, if not installed and used properly, may pick ip interference

o prevent interference Avoid locations such as heating appliances, electrical equipment (e.g., fluorescent lamp, TV, radio,

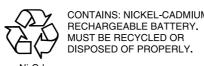
efrigerator, computer), places subject to direct sunlight, excessive dust, moisture, vibration, etc. Locate the base unit in a high place in the house (such as the second floor) in order to receive the nost effective communication range. Fully extend the base unit antenna. Telephones must not cause nterference to any licensed radio service.

WARNING

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

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

- Use batteries only intended for recharging. Use only the following battery pack: Nickel-Cadmium Rechargeable, 3.6 volts, 600 mAh.
- Do not dispose of the battery in a fire. The cell may explode. Check with local codes for special disposal instructions
- 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.
- 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.



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 us the TC-920 cordless telephone. Place the handset in the base unit. The CHARGING/LINE IN USE NDICATOR 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 s 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.

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. 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 t 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.

■ 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

> CASIO PHONEMATE, INC. 20665 Manhattan Place Torrance, CA 90501-1827

Internet Web Site:

Printed in China

Design and specifications are subject

http://www.casiophonemate.com

to change without notice. Position the base antenna vertically for O clear reception. Before use, place the handset in the base unit for 12-15 hours US Patents 5,400,393 & 5,289,529; Other Patents Pending

CHARGE THE HANDSET BATTERIES BEFORE USING THE CORDLESS TELEPHONE

Open for easy

pperating guide

EASY TO USE OWNER'S GUIDE

900 MHz CORDLESS PHONE WITH

ALL DIGITAL ANSWERING MACHINE

INSTALLATION

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

ecorded greeting sounds garbled or difficult to Strictly follow the guidelines for recording your greetings to ensure the best possible quality:

Microphone . Avoid any background noise. Greeting should be recorded using the voice of

Speak loudly and clearly about 7" from the

- one person No dial tone is heard when calling out.
- Place the handset in the charging cradle for about 3 seconds to reset the security code
- Make sure the handset battery pack was charged for at least 12-15 hours.
- 3. Is the handset LOW BATT/RECORD INDICATOR
- . 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.

- Memory may be full. Erase messages to allow new messages to be recorded . The VOLUME SWITCH may be set too low and
- recorded messages cannot be heard. . The machine may have been accidentally turned
- of the machine answering the call. The TC-920 will not record a message by design. . Your local telephone company may transmit signals that are recorded by your machine.

The caller may have hung up within four seconds

. No calls were actually received Calls on hold are disconnected.

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

. Review the hold section.

connections

The handset does not ring. Place the handset in the charging cradle for about 3 seconds to reset the handset security code. Make sure the HANDSET RINGER SWITCH is on.

. Check the AC Adapter and the telephone cord

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

LO BATT INDICATOR on the handset lights. The handset needs to be charged

recordings.

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

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
- 3. Include your name, address, and phone number. 4. Provide a legible photocopy of the dated store receipt for warranty purposes.

FACTORY SERVICE CENTERS CASIO PHONEMATE, INC.

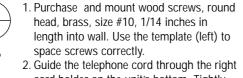
Attn: Customer Service 20665 Manhattan Place Torrance, CA 90501 (310) 328-6453

> 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.



- 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
- 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
- the telephone cord into a wall jack. 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

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

Check the AC Adapter to see that it is 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

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

MOVING THE TC-920

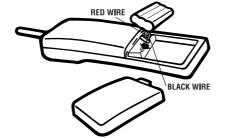
Unplug the AC Adapter from the wall outlet. DO NOT unplug the AC Adapter from the back of the unit or your greeting, incoming messages, remote access code and the time and day may be erased.

CLEANING THE TC-920

CAUTION: Disconnect the TC-920 from the AC power outlet before cleaning. Make sure you have a 9 volt battery installed in the base unit. Clean the battery charging contacts on the base unit and the handset with a soft cloth once a month. Clean the antenna, and the plastic cabinet of the base unit and the handset, with a soft cloth only. Do not use excess water or cleaning liquid of any kind.

HANDSET NI-CAD BATTERY INSTALLATION

- 1. Press down on the battery compartment cover and slide it toward the bottom of the handset. 2. Install the new battery pack with the red wire on the right side of the black wire.
- Replace the battery cover by sliding it up from the bottom. 4. Place the handset in the base unit and charge
- the battery pack for 12-15 hours.



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

LIMITED WARRANTY

IMPORTANT! SALES SLIP OR EVIDENCE OF PURCHASE DATE REQUIRED s 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 f 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 lects to replace the product, such replacement may be accomplished with a factory-reconditioned unit his 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

In order to obtain warranty service, you must provide evidence of purchase date. For your convenience, keep the

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.

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

dealer's dated bill of sale or delivery ticket as evidence of the purchase date.

Signature _

subject to 20% restocking charge upon approval.

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. Part No. | Price | Oty | Total

Fait No.	FIICE	Luty.	iulai
2700140	\$19.95		
1601073	\$13.50		
2401734	\$4.95		
2401735	\$4.95		
8000688	\$19.95		
8000689	\$19.95		
CA & MD residents add applicable sales tax All orders add shipping & handling Total			\$3.50
	2700140 1601073 2401734 2401735 8000688 8000689	2700140 \$19.95 1601073 \$13.50 2401734 \$4.95 2401735 \$4.95 8000688 \$19.95 8000689 \$19.95 CA & MD readd applicable s	2700140 \$19.95 1601073 \$13.50 2401734 \$4.95 2401735 \$4.95 8000688 \$19.95 8000689 \$19.95 Subtotal CA & MD residents add applicable sales tax orders add shipping & handling

We do not accept C.O.D. orders. Allow 15 working days for delivery. Prices subject to change without notice. Returns

Zip Code _

Telephone

TC-920

CASIO

PHONE MATE

PLUG the separate

Telephone Cord included in

the package into the rear of

the unit. **PLUG** the TC-920's

CONNECT the AC Adapter Plug into the AC

Adapter Outlet on the back of the TC-920.

Holder to prevent accidental disconnection.

PLUG the AC Adapter into an

■ Disconnection of the AC Adapter from the

back of the unit will cause the TC-920 to

erase all recorded messages, greetings

your personalized greeting.

■ The TC-920 will broadcast a beep in

about 20 seconds indicating that the

unit is fully initialized and ready to

flash. The TC-920 is ready to record

You must install a fresh 9 volt battery in

greetings and messages if power is

interrupted. See "Installing a 9V battery".

to charge the cordless handset batteries.

The base unit to prevent loss of the

operate. On the base, all indicators will

Electrical Wall Outlet.

and the time and day.

LOOP the cord through the AC Adapter Cord

Telephone Cord into a

Telephone Wall Jack.

Usted puede grabar uno o dos saludos

- Asegúrese de que las luces indicadoras de su TC-920 estén encendidas o
- medio (control localizado en el lado derecho de su TC-920).
- 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.

área donde se coloca el auricular en la

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

Oprima *GREETING RECORD* de nuevo después de que usted a terminado de decir su mensaje. El mensaje se reproduce automáticamente una vez, luego su TC-920 se re-posiciona para contestar llamadas telefónicas usando el Saludo Uno.

■ 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.

REFERENCIA RÀPIDA

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

- 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."
- **1** Oprima **SKIP** o **REPEAT** (en la base) hasta que el día correcto sea anunciado.
- Oprima **SKIP** para avanzar o **REPEAT**

5 Oprima *TIME SET*. Su TC-920

para retroceder los minutos.

terminar. El día y la hora serán anunciados.

FIJANDO LA HORA Y EL DÍA

GRABANDO EL SALUDO UNO

personales con duración hasta de 20 minutos. El saludo es grabado en un circuito integrado

Ajuste el control de volumen a su punto

Oprima *TIME SET*. Su TC-920 **2** Oprima **GREETING RECORD** (grabación del saludo) (localizado en el anunciará la hora.

> para retroceder la hora. «a.m.» y «p.m.» será anunciado para cada hora.

> > Oprima **SKIP** para avanzar o **REPEAT**

Oprima *TIME SET* de nuevo para