

WARNING & PRECAUTION

- Do not leave the unit in a location near heat sources such as radiators and airducts, under direct sunlight, mechanical shock or vibration.
- Always refer servicing to qualified personnel only.
- Keep this manual for future reference.
- Clean the unit with soft and damp cloth only, never apply chemical solvent.
- Take out batteries if you are not to use the unit for a long time.

PREPARING FOR USE

POWER SOURCE

BATTERY

- slide open the battery cover, and insert two pieces of R6 (AA SUM-3) battery as indicated.

EXTERNAL POWER

- you can connect the unit with external power adaptor (NOT supplied) through the unit's power socket, it is DC 3V, centre positive, and current rating 0.5A.

MICROCASSETTE TAPE

- only micro cassette (NOT supplied) is suitable for use, and MC-60 normal bias is recommended.
- flip open the cassette compartment, and insert the tape into it.
- the unit automatically detects if there is tape in the unit, and stops automatically when the tape reaches its end.

INITIAL SWITCHES SETTINGS

- check that the **HOLD** switch at the side of the unit is **OFF**.
- turn volume half way.
- select speed to **2.4cm**

HOLD SWITCH

When **HOLD** is activated, a " " key symbol is displayed in the LCD PANEL, If **HOLD** function is ON, the " " key symbol flashes every time you press any tape related button : **PLAY/REC/FF/REW**.

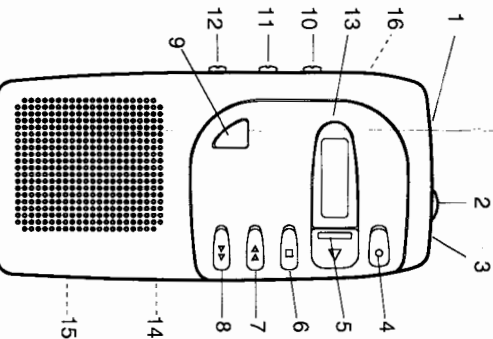
Release **HOLD** function to invoke other tape functions. Switch **HOLD** to **OFF**.

RESET

-press and hold **STOP** switch for about 2 seconds, this resets the tape counter to 000, and at the same time prepares the unit in operating condition.

FUNCTIONS & CONTROLS

1. EARPHONE JACK
2. VOLUME CONTROL
3. BUILT-IN MICROPHONE
4. RECORD BUTTON
5. PLAY / PAUSE BUTTON
6. STOP / RESET BUTTON
7. REWIND BUTTON
8. FAST FORWARD BUTTON
9. INDEX BUTTON
10. SPEED SWITCH
11. HOLD SWITCH
12. VOR SWITCH
13. LCD PANEL
14. 3V DC JACK
15. BATTERY COMPARTMENT
16. MICROCASSETTE COMPARTMENT



LCD DISPLAY

000	:	TAPE COUNTER
▶▶	:	PLAY (when it blinks, it is in PAUSE mode)
▶▶▶	:	FAST FORWARD (FF)
◀◀	:	REWIND (REW)
REC	:	RECORD
INDEX	:	INDEX ON
:	:	HOLD ON
LCD PANEL BLINKS :	:	NO TAPE

RECORDING

TAPE COUNTER

You can reset the tape counter; press and hold **STOP** for about 2 seconds, counter resets to 000, and any previous index IS also cleared.

TAPE SPEED

Select the tape speed you want, **2.4cm** for normal or **1.2cm** for extended recording time. For optimum playback sound quality, use **2.4cm**.

Variable Voice Operated Recording (VOR)

To save tape, you can turn on **VOR** function, recording stops after a few seconds of silence, and **REC** indicator flashes, it records again if sound resumes, and **REC** indicator stops flashing. You can adjust the recording sensitivity by turning the **VOLUME**, when volume is high, recording starts with a small sound, and if volume is low, recording starts only with loud sound.

INDEX

For convenience, it may be necessary to always locate the start of recording, in this case, **INDEX** function best suits this application.

Press and hold about one second to activate this function (before or during any of the tape operation : **RECORD/PLAYBACK/REW**), **INDEX** appears in the **LCD PANEL**.

When you want to go back to the beginning location, simply press **INDEX** again, the tape moves to the original position.

To cancel **INDEX**, press and hold **STOP** for 2 seconds.

PAUSE

To pause during recording, press **PLAY**, "▶" flashes, indicating pause mode.

To resume Recording, press **PLAY** again.

FULL AUTO STOP

When the tape reaches its end, it stops.

RECORD

When all previous settings are made, press and hold **REC** for about one second to begin recording. When finished, press **STOP**.

N.B.

to protect the recorded tape, break out and remove the tab.

if the tape has the tab removed, recording is not possible, when you press **REC**, the unit beeps twice and stops. However, you can cover the hole with adhesive tape.

TROUBLE SHOOTING

Sound is weak, distorted or speed is excessively high or slow

- a. check that the tape speed setting is correct
- b. clean tape head/pinch roller
- c. replace micro cassette

LCD all indicators flash

no tape, insert tape and press **STOP** to reset **LCD PANEL**

ALL indicators on with " —● " key flashes

you press a button while **HOLD** is **ON**
switch **HOLD** to **OFF** and press the button for the desired function

Recording stops in the middle, REC/ ► flash

VOR in operation, speak louder to mic, or turn **VOLUME** higher

Cannot rewind to beginning of tape

check if **INDEX** indicator appears in the **LCD PANEL**
if yeas clear it by pressing and hold **STOP** for 2 seconds

Sound becomes distorted, tape speed slow

Batteries are weak, replace them immediately

CITIZEN

INSTRUCTION MANUAL

PLEASE READ CAREFULLY AND KEEP FOR REFERENCE

MICROCASSETTE RECORDER

THE CITIZEN HELPLINE TOLL FREE 1-800-663-5954
CALL US IF YOU HAVE ANY PROBLEMS OR QUESTIONS
WITH YOUR NEW CITIZEN PRODUCT

9am - 5pm (TORONTO TIME) MONDAY TO FRIDAY

MODEL NO.: JMC24

JUTAN INTERNATIONAL LIMITED
TORONTO, CANADA

PLAYBACK

To playback, press **PLAY**.

Adjust **VOLUME** to desired level.

You can make use of **INDEX** or tape counter to locate desired tape content.

Press **FF/REW** to fast forward or rewind tape.

If **INDEX** function have been used, press **INDEX** once to go back to start position of tape.

Press **PLAY** again to **PAUSE** tape. Press **PLAY** again to resume playback.

IMPORTANT

The unit turns itself off after 10 minutes of non-operation and the LCD PANEL also goes off

To start the unit again, press either STOP or REC key and the indicators of LCD PANEL appears.

MAINTENANCE

Prolong use may dirt the magnetic head of the unit, and sound becomes distorted. Clean the pinch roller and tape head every month with any commercially available cleaning kit.

Change tape every 3 months.

Clean the casing with moistened cloth, never use chemicals.