Emerson®
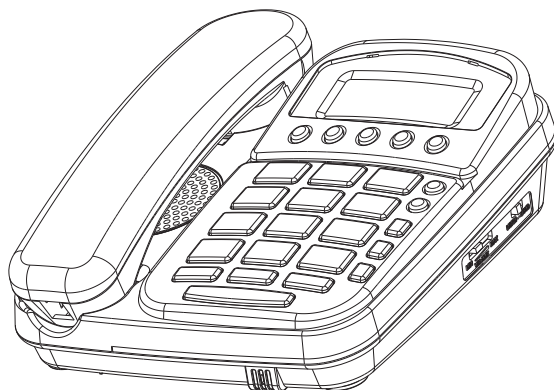
13 MEMORY CALLER ID SPEAKERPHONE
MODEL EM2646
OPERATING INSTRUCTIONS

* 3 Line LCD Display
* 3 Languages (English, Spanish, French)
* 60 Name / Number Caller ID Memory
* 3 One-touch Speed Dial Memory
* 10 Two-touch Speed Dial Memory
* Last Number Redial
* Flash / Phone Book Function
* Speakerphone with Volume control
* Ringer Volume control (HI / LOW / OFF)
* Handset Volume control
* Desk or wall mountable
* Electronic Hold

TO USE THE CALLER ID FEATURE OF THIS PHONE, YOU MUST
SUBSCRIBE TO CALLER ID SERVICE FROM YOUR PHONE COMPANY,
AND REMEMBER TO INSTALL BATTERIES

NOTE: READ AND FOLLOW THESE INSTRUCTIONS BEFORE USING YOUR TELEPHONE

IMPORTANT SAFETY INSTRUCTIONS

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

1. Read and follow all instructions and warnings.
2. Unplug this product from the wall outlet before cleaning. Do not use liquid cleaners or aerosol cleaners. Use a slightly dampened cloth only.
3. Do not use this product near water, for example, near a bathtub, wash bowl, kitchen sink, or laundry tub, in a wet basement, or near a swimming pool.
4. Do not place this product on an unstable cart, stand or table. The product may fall, causing serious damage to the phone.
5. Slots and openings in back or bottom of the phone are for ventilation, and should 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, heat register or a built-in installation such as a bookcase or cabinet unless proper ventilation is provided.
6. 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 risk of fire or electric shock. Never spill liquid of any kind on the product.
7. To reduce the risk of electric shock, do not take this telephone apart. When service or repair work is required, take it to a qualified service representative, opening or removing covers may expose you to dangerous voltage or other risks. Incorrect reassembly can cause electric shock when the appliance is subsequently used.
8. Unplug this product from the wall outlet and refer servicing to qualified service personnel under the following conditions:
   A. When the 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.
9. Avoid using a telephone (other than a cordless type) during an electrical storm. There may be a remote risk of electric shock from lightning.
10. Do not use the telephone to report a gas leak in the vicinity of the leak.
11. Do not allow anything to rest on the telephone cord. Do not locate this product where the cord will be damaged by persons walking on it.
12. Never install telephone wiring during a lightning storm.
13. Never install telephone jacks in wet locations unless the jack is specially designed for wet locations.
14. Never touch uninsulated telephone wires or terminals, unless the telephone line has been disconnected at the network interface.
15. Be careful when installing or modifying telephone lines.

CAUTION: TO REDUCE THE RISK OF FIRE, ELECTRIC SHOCK
AND PERSONAL INJURY, DO NOT OPEN CABINET.

BATTERY SAFETY INSTRUCTIONS

CAUTION: TO REDUCE THE RISK OF FIRE OR PERSONAL INJURY, READ AND
FOLLOW THESE INSTRUCTIONS.

1. Use only the following type and size of batteries: 3 size "AA" alkaline batteries (not included).
2. Do not dispose of the batteries into a fire. The cells may explode. Check with local codes for possible special disposal instructions.
3. Do not open or mutilate the batteries. Released electrolyte is corrosive and may cause damage to the eyes or skin. It may be toxic if swallowed.
4. Exercise care in handling batteries in order not to short the battery with conducting materials such as rings, bracelets and keys. The battery or conductor may over heat and cause burns.
5. Do not attempt to recharge the batteries that are used with this product. The batteries may leak corrosive electrolyte or explode.
6. Do not attempt to rejuvenate the batteries identified for use with this product by heating them. Sudden release of the battery electrolyte may cause burns or irritation to eyes or skin.
7. All batteries should be replaced at the same time. Mixing fresh and discharged batteries could increase internal cell pressure and rupture the batteries.
8. When inserting batteries into this product, the proper polarity or direction must be observed. Reverse insertion of batteries may result in leakage or explosion.
9. Remove the batteries from this product if the product will not be used for a long period of time (several months or more) since during this time the batteries could leak, damaging the product.
10. Discard weak or dead batteries as soon as possible since they are more likely to leak in the product. Batteries should be replaced when the display gets dim or if the Low Battery Indicator appears in the display
11. Do not store this product in high temperature areas. Batteries that are stored in a freezer or refrigerator for the purpose of extending shelf life should be protected from condensation during storage and defrosting. Batteries should be stabilized at room temperature prior to use after cold storage.
12. Installation of batteries should only be done by an adult for safety.

SAVE THESE INSTRUCTIONS

IMPORTANT TELEPHONE COMPANY &
FCC INFORMATION

Your telephone equipment is approved for connection to the Public Switched Telephone Network and is compliance with part 68, FCC Rules and Regulations and the Technical Requirements for Telephone Terminal Equipment published by ACTA.

1. **Notification to the Local Telephone Company**

    On the bottom of this equipment is a label indicating, among other information, the US number and Ringer Equivalence Number (REN) for the equipment. You must, upon request, provide this information to your telephone company.
    The REN is useful in determining the number of devices you may connect to your telephone line and still have all of these devices ring when your telephone number is called. In most (but not all) areas, the sum of the REN of all devices connected to one line should not exceed 5. To be certain of the number of devices you may connect to your line as determined by the REN, you should contact your local telephone company. A plug and jack used to connect this equipment to the premises wiring and telephone network must comply with the applicable FCC Part 68 rules and requirements adopted by the ACTA. A compliant telephone cord and modular plug is provided with this product. It is designed to be connected to a compatible modular jack that is also compliant. See installation instructions for details.

    Notes

    * This equipment may not be used on coin service provided by the telephone company.
    * Party lines are subject to state tariffs, and therefore, you may not be able to use your own telephone equipment if you are on a party line. Check with your local telephone company.
    * Notice must be given to the telephone company upon permanent disconnection of your telephone from your line.
    * If your home has specially wired alarm equipment connected to the telephone line, ensure the installation of this product does not disable your alarm equipment. If you have questions about what will disable alarm equipment, consult your telephone company for a qualified installer.

2. *Rights of the Telephone Company*

    Should your equipment cause trouble on your line which may harm the telephone network, the telephone company shall, when possible, notify you that temporary discontinuance of service may be required. Where prior notice is not possible and the circumstances warrant such action, the telephone company may temporarily discontinue service immediately. In case of such temporary discontinuance, the telephone company must: (1) promptly notify you of such temporary discontinuance; (2) afford you the opportunity to correct the situation; and (3) inform you of your right to bring a complaint to the Commission pursuant to procedures set forth in Subpart E of Part 68, FCC Rules and Regulations.
    The telephone company may make changes in its communication facilities, equipment, operations or procedures where such action is required in the operation of its business and not inconsistent with FCC Rules and Regulation. If these changes are expected to affect the use or performance of your telephone equipment, the phone company must give you adequate notice, in writing, to allow you to maintain un-interrupted service.

IMPORTANT TELEPHONE COMPANY&
FCC INFORMATION

FCC NOTES

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) This device must accept any interference received, including interference that may cause undesirable operation.

WARNING:

Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

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, used in accordance with the instructions, may cause harmful interference to radio communication. 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:
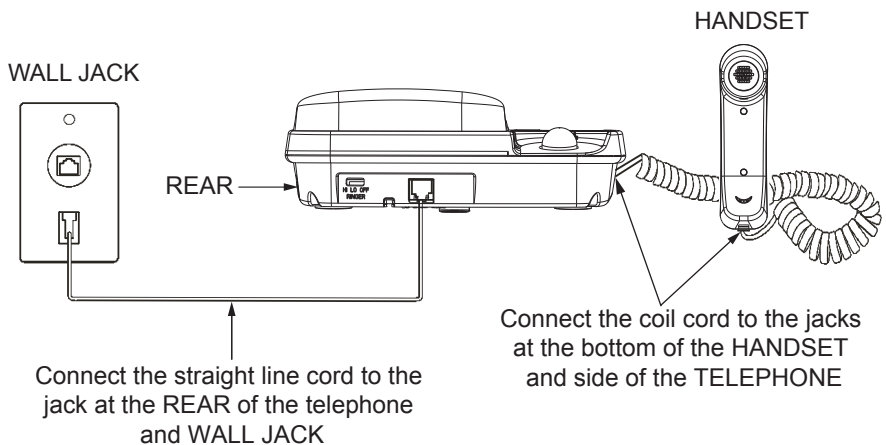
- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio / TV technical for help.

Thank you for purchasing an Emerson phone product, Your Emerson telephone is designed to provide many years or trouble free performance .Please follow the safety and operating instructions below.


CAUTION: When using telephone equipment , there are basic safety instructions that should always be followed .Refer to the **IMPORTANT SAFETY INSTRUCTIONS** provided with this product and save them for future reference.

CONNECTING YOUR TELEPHONE

HANDSET

WALL JACK

REAR →

Connect the coil cord to the jacks
at the bottom of the HANDSET
and side of the TELEPHONE

Connect the straight line cord to the
jack at the REAR of the telephone
and WALL JACK

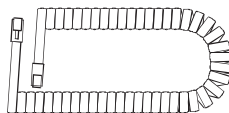# CHECKING THE PACKAGE CONTENTS

As you unpack this set, make sure you have the following items in the package.
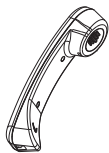
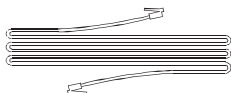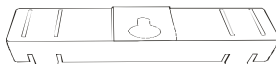HANDSET   TELEPHONE BASE   COILED HANDSET CORD

STRAIGHT TELEPHONE
LINE CORD

WALL MOUNT ADAPTOR
(attached to the back of the
base for wall mounting)

POWERING THE PHONE

Before you connect the phone cords, follow these steps to install the batteries:

1. Insert a flat blade screwdriver or coin into the slot and pry out (lift) the battery
   door (FIG. 1).
2. Insert 3 size "AA" alkaline batteries as shown inside the battery compartment (FIG. 2).
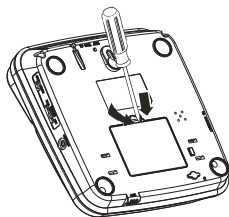3. Replace the battery door and snap it shut (FIG.3)

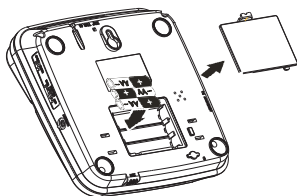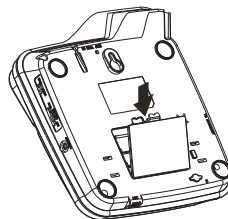FIG.1   FIG.2   FIG.3

CAUTION

Replace the batteries when the low battery indicator ▭ appears in the display.

When the batteries are dead, the display will still function, and you can still make

or receive calls, but you can't use the Caller ID or memory dialing.

When the batteries are dead, your date and settings could be erased.

OPTIONS MENU
To enter the Options Menu:
1. Press and hold the **dial/menu** button until **"Options Menu"** is shown in the display.
2. Use the **up/down** buttons to scroll through the options below, and press the **dial/menu**
   button to select the desired option you wish to set:
   - Set Language
   - Local Area Code
   - Set Time/Date
   - Set Flash Time
   - LED Contrast
   - Set Tone/Pulse
   - Exit Options
3. Use the **up/down** buttons to adjust the setting, and press the **dial/menu** button to confirm
   and set.

*NOTE: It is important to set the Area code so that the telephone can distinguish local or long
distance calls when dialing from the Caller ID list.*

*NOTE: Time and Date will automatically set when you recieve the first or second Caller ID
phone call.*

VOLUME CONTROL AND RINGER SETTINGS

Adjust the handset volume	Slide the **HANDSET VOLUME** control to **NORM** or **LOUD**
Adjust the speakerphone volume	Slide the **SPEAKERPHONE VOLUME** control: **MIN/MAX** (on the right side of the phone).
Adjust the ringer level	**HI** - Rings loud on incoming calls. **LO** - Ring volume is lowered on incoming calls. **OFF** - No ringing on incoming calls.

MAKING CALLS
1. Pick up the handset or press the **speaker** button to get a dial tone.
2. Dial your call.
3. To end the call, replace the handset on the base or press the **speaker** button again.

ANSWERING CALLS
1. After the phone rings, pick up the handset or press the **speaker** button.
2. To end the call, replace the handset on the base or press the **speaker** button again.

HOLD FUNCTION
Press the **hold** button to temporarily put a caller on hold without disconnecting the call.

FLASH
Use the **flash** button for **Call Waiting** and **Three Way Calling** services.

*NOTE: **Call Waiting** and **Three Way Calling** are services provided by your local telephone
company.*

LAST NUMBER REDIALING
1. Pick up the HANDSET or press the **speaker** button.
2. Press the **redial** button. The last dialed number appears in the display and is
   automatically dialed.

PAUSE FUNCTION

Example: In an office where you need to dial a 9 first to get an outside line.

Dial the number 9 and press the **redial** button, and then dial the phone number. You will see a **"P"** displayed for pause. You may also store this into memory.

STORING PHONE NUMBERS INTO MEMORY

1. Press the **store** button, **"Store Number"** will be shown in the display.   .
2. Dial the phone number you want to store.

3.

For (3) one-touch dialing:	*For (10) two-touch dialing:*
Press one of the 3 one-touch speed dial buttons (**M1** to **M3**).	Press the **memo** button, and then press one of the dialing keys (**0** to **9**) to store a phone number in.

4. The stored number and the location will be shown in the display
5. Repeat steps 1 to 4 to store numbers into other memory locations.

NOTE: When the batteries are dead or removed for more than five minutes, the stored numbers may be erased.

MEMORY DIALING

1. Pick up the handset or press the **speaker** button.

2.

For (3) one-touch dialing:	*For (10) two-touch dialing:*
Press one of the 3 one-touch speed dial buttons (**M1** to **M3**).	Press the **memo** button, and then press one of the dialing keys (**0** to **9**).

3. The phone will dial the number you stored into that memory.

BOOK

To store phone numbers in your telephone's Phone Book:

1. Press the **book** button.
2. Use the **up** or **down** buttons to choose **"ADD"**.
3. Press the **book** button to confirm.
4. Enter the information using the keypad and the **up/down** buttons, and press the **book** button to confirm.

To look up stored phone numbers:

1. Press the **book** button.
2. Choose **"SEARCH"** and press the **book** button.
2. Use the **up**/**down** buttons to search entries.

NOTE: To delete an entry, press the **delete** *button twice.*

CALLER ID SYSTEM

This telepphone automatically displays an incoming caller's name and telephone number together with the date and time of the call. It records up to 60 calls and stores the data in Memory.

IMPORTANT: You must subscribe to the Caller ID service from your local telephone company to utilize this feature.

VIEWING THE CALLER ID LIST

You can look through the data (calls) in the Caller ID list to check the numbers and names of the calls received.
1. Press the **down** button to view your calls from the newest call.
2. Press the **up** button to view calls from older calls to newer ones.

NOTE: When the batteries are weak, the low battery indicator ⊏▱ is displayed. Change the batteries as soon as possible; otherwise the Caller ID list may be erased.

CALLING BACK FROM THE CALLER ID LIST

1. Display the phone number you want to call back using the **up** or **down** button.
2. Press the **dial/menu** button.
3. Pick up the handset or press the **speaker** button, the phone will dial the number displayed.

STORING THE PHONE NUMBERS FROM THE CALLER ID LIST

1. Display the phone number you want to store.
2. Press the **store** button

3.

For (3) one-touch dialing:	For (10) two-touch dialing:
Press one of the 3 one-touch speed dial buttons (**M1** to **M3**).	Press the **memo** button, and then press one of the speed dial memories (**0** to **9**).

DELETING THE DATA FROM THE CALLER ID LIST

To delete the Caller ID memory one by one

1. Display the call you want to delete.
2. Press the **delete** button, the display will show **"DELETE CALL?"**, press the **delete** button once more, the display changes to show the next or previous call, and the data is deleted.

To delete ALL the Caller ID memories

1. When the phone is not in use, press the **delete** button and hold for 3 seconds, the display shows **"DELETE ALL?"**
2. Press the **delete** button once more, the display changes to **"NO CALLS"** and all the Caller ID memories (including the new call memories) are deleted.

TROUBLESHOOTING

PROBLEMS	CHECK
The Caller ID display does not show the caller's information.	The Caller ID unit will not function until you have subscribed to Caller ID service from your local telephone company. Call your local telephone company to have Caller ID service installed on your phone line. Check your phone line connections. Also, fresh batteries **MUST** be installed. Make sure all your phone line connections are secure and correct. If it is a private call or a blocked call, the caller's name and/or phone number will not appear in the display. (You will see time & date of call plus some dashes or the words **"UNAVAILABLE"** or **"PRIVATE CALL"**.)
No dial tone.	Is any plug disconnected from the modular phone jack ? Is any jack improperly wired? Use another phone to test the jack.
Phone does not work.	Are all cords connected properly? Are all 3 "AA" batteries installed? Make sure they are installed according to the polarity shown.
Phone does not ring.	**RINGER** may be set to OFF? Slide to **HI** or **LO** position.
Cannot dial.	Check the menu **TONE / PULSE** setting. You may only have **PULSE** service. Set **TONE/ PULSE** to the **PULSE** setting.
Cannot store numbers into memory.	No batteries are installed or batteries are weak or installed up-side-down.
Caller ID does not work.	Make sure the Caller ID service is active. Check if the phone is connected to a working wall jack. Check if all line cord connections are correct and secure.
The Caller ID display gets dim or is blank.	Reset the contrast level of the LCD display . Check if batteries are properly installed. Check if you have received the first Caller ID record. If you have received the first Caller ID record, your **batteries** may be weak.
Static noise on line or cannot hear calling party or calling party cannot hear you.	Make sure the handset coil cord is connected properly,or replace the handset coil cord.

TROUBLESHOOTING

PROBLEMS	CHECK
LINE REDIAL does not work.	Check if "*P*" shows in the display. Since the **redial** button has combined function (pause function), the phone may have been paused. Just press the **HOOK** switch.
Feedback or squealing when using **SPEAKERPHONE.**	Volume is too high. Reduce the **SPEAKERPHONE VOLUME** control setting.
Cannot erase all records in memory	To erase ALL call records, make sure the phone is not in use, press the **delete** button and hold for 3 seconds, the display will show **"DELETE ALL?"**, press the **delete** button again.
Caller ID displays words like *CO IS IS ZONE, CODIGO DE AREA* or *HORA* or *APPEL* or *TEMPS*	Your language is set for French or Spanish. Refer to page 7 " Options Menu" to change the language setting to English
Memory Dialing does not work.	Check if you have stored the numbers correctly by pressing that memory location button(s). Also numbers can only be stored when fresh batteries are installed correctly
Handset falls out of phone base when wall mounted.	Handset clip was not installed properly for wall use.
Caller's information is not registered to the Caller ID memory.	The caller may have an unlisted or blocked number to prevent Caller ID identification, or it may be an overseas call or you may have noise on the line during that call.
Message Waiting does not work.	Check with your telephone company if this service is available and if you have subscribed for it.
Pressing a **memory** button does not display number.	Your **memory** button has no stored number. Please store the number again. Press the **store** button, dial the number and press the **memory** locations you want.

Southern Telecom ™ LIMITED WARRANTY

In the unlikely event that this product is defective, or does not perform properly , you may within ninety (90) days from your original date of purchase return it to the authorized service center for repair or exchange.

TO OBTAIN WARRANTY SERVICE:
- Provide proof of the date of purchase within the package (Dated bill of sale)
- Prepay all shipping costs to the authorized service center, and remember to insure your return.
- Include a return shipping address (no P.O. Boxes), a telephone contact number, and the
  defective unit within the package. Describe the defect or reason you are returning the product.

Your product will be repaired or replaced, at our option, for the same or similar model of equal value if examination by the service center determines this product is defective. Products received damaged, as a result of shipping will require you to file a claim with the carrier.

The shipping address of the authorized service center is:

Southern Telecom Inc.
ATTN: Returns Department
14-C 53rd Street
Brooklyn, NY 11232

Should you have any questions or problems concerning this product, please contact our customer service department via email at cs@southerntelecom.com.

To obtain service after the warranty period, please email cs@southerntelecom.com with product information, date of purchase and nature of the problem. Customer service will reply to the email with service instructions.

Warranty service not provided
This warranty does not cover damage resulting from accident, misuse, abuse, improper installation or operation, lack of reasonable care, and unauthorized modification.
This warranty is voided in the event any unauthorized person opens, alters or repairs this product.
All products being returned to the authorized service center for repair must be suitably packaged.

Limitation of Warranty:

• THE WARRANTY STATED ABOVE IS THE ONLY WARRANTY APPLICABLE TO THIS PRODUCT.
  ALL OTHER WARRANTIES, EXPRESS OR IMPLIED (INCLUDING ALL IMPLIED WARRANTIES
  OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE) ARE HEREBY
  DISCLAIMED. NO VERBAL OR WRITTEN INFORMATION GIVEN BY SOUTHERN TELECOM INC.
  IT'S AGENTS, OR EMPLOYEES SHALL CREATE A GUARANTY OR IN ANY WAY INCREASE THE
  COPE OF THIS WARRANTY.

• REPAIR OR REPLACEMENT AS PROVIDED UNDER THIS WARRANTY IS THE EXCLUSIVE
  REMEDY OF THE   CONSUMER, SOUTHERN TELECOM INC. SHALL NOT BE LIABLE FOR
  INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING FROM THE USE OF THIS PRODUCT
  OR ARISING OUT OF ANY BREACH OF ANY EXPRESS OR IMPLIED WARRANTY ON THIS
  PRODUCT. THIS DISCLAIMER OF WARRANTIES AND LIMITED   WARRANTY ARE GOVERNED
  BY THE LAWS OF THE STATE OF NEW YORK. EXCEPT TO THE EXTENT PROHIBITED BY
  APPLICABLE LAW, ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A
  PARTICULAR PURPOSE ON THIS PRODUCT IS LIMITED TO THE APPLICABLE WARRANTY
  PERIOD SET FORTH ABOVE.

• SOME STATES DO NOT ALLOW THE EXCLUSION NOR LIMITATION OF INCIDENTAL,
  CONSEQUENTIAL DAMAGES, OR LIMITATIONS ON HOW LONG AN IMPLIED WARRANTY LASTS
  SO THE ABOVE LIMITATIONS OR EXCLUSION MAY NOT APPLY TO YOU.

THIS WARRANTY GIVES YOU SPECIFIC LEGAL RIGHTS, AND YOU ALSO MAY HAVE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

Manufactured by: AIT Inc., Brooklyn NY, 11232
Emerson and the G-Clef logo are registered trademarks of Emerson Radio Corp.,
Parsippany, New Jersey USA