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TABLE OF CONTENTS

	page
1 INTRODUCTION	7
DIAGRAMS	8-11
2 QUICK GUIDE	12-18
3 DETAILED OWNER'S MANUAL	19
INSTALLING BATTERIES	19
SELECTING AND USING AN AC ADAPTOR	20
SIGNAL STRENGTH AND BATTERY STRENGTH INDICATOR	20
IMPORTANT INITIAL SETUP	21
4 BASIC RADIO OPERATION	22
TURNING ON AND OFF	22
VOLUME AND TONE CONTROLS	23
SELECTING AM, FM OR SHORTWAVE	23
SETTING UP AM AND FM OUTSIDE OF NORTH AMERICA	24
FOUR WAYS TO TUNE IN STATIONS	25
5 USING SHORTWAVE	26
SELECTING A SHORTWAVE METER BAND	27
AUTOSCAN TUNING WHILE IN SHORTWAVE	28
SHORTWAVE BAND CHART OF AUTOSCANNING RANGES	28
6 CLOCK AND ALARM FEATURES	29
SETTING THE CLOCK	29
SETTING THE ALARM	30
FAVORITE STATION WAKE-UP	30
USING THE SNOOZE FEATURE	31
ACTIVATING AND DEACTIVATING THE ALARM	31
7 WORKING WITH MEMORY	32
SELECTING MEMORY PAGES	32
STORING STATIONS INTO MEMORY	33
ACCESSING WHAT IS STORED INTO MEMORY	34
DIRECT MEMORY ACCESS	35
MEMORY SEARCH	35
MEMORY AUTOSCAN	35
MOVING A STORED FREQUENCY	36
DELETING A STORED FREQUENCY	36
DELETING ALL MEMORY CONTENTS OF A PAGE	37
CUSTOMIZING MEMORY PAGES	37
8 SYSTEM SET CODE TABLE	38
CHANGING SYSTEM SET CODES	38
CHANGING THE CLOCK FORMAT	39
DEFAULT FACTORY SYSTEM SET CODES	40
MONITORING CURRENT SET CODE STATUS	40
SYSTEM SET CODE TABLE	41

TABLE OF CONTENTS *continued*

9	ADDITIONAL INFORMATION	43
	USING THE LIGHT	43
	USING EARPHONES	43
	USING THE DX/LOCAL SWITCH	43
	USING THE LOCK SWITCH	44
	PREVENTING BATTERY ACID LEAKAGE	44
	TROUBLESHOOTING	45
	RESET PROCEDURE	47
	MAJOR FEATURES OF THE YB 550PE	48
10	SERVICE INFORMATION	50

1 INTRODUCTION

Thank you for purchasing the **YB 550PE AM/FM/Shortwave Radio**. This owner's manual is conveniently divided into two sections, BASIC OPERATION and INTRODUCTION TO SHORT-WAVE (both sections are important). If you are new to short-wave listening, the INTRODUCTION TO SHORTWAVE section will give you all the information that you need to fully enjoy broadcasts from around the world. This radio has been designed and manufactured to high quality standards, and will provide reliable operation for many years. Please carefully read the Owner's Manual in order to take advantage of the many interesting features of the YB 550PE.

WHAT THE YB 550PE INCLUDES

- Earbud style earphones
- Batteries
- Carrying pouch

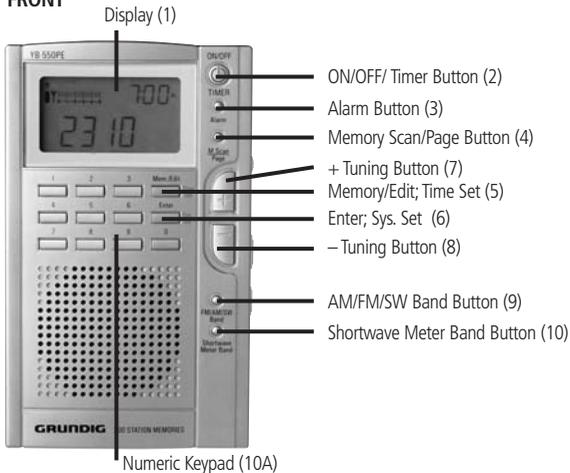
QUICK GUIDE

More experienced digital product users may want to use the quick guide, titled YB 550PE QUICK GUIDE, starting on page 12.

NOTE: however, that the DETAILED OWNER'S MANUAL, starting on page 19, is the most thorough and comprehensive guide to the YB 550PE's operation.

DIAGRAMS

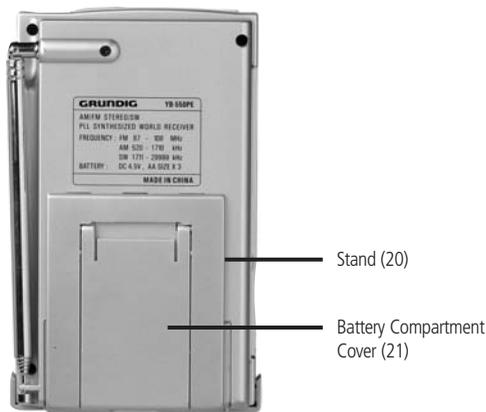
FRONT



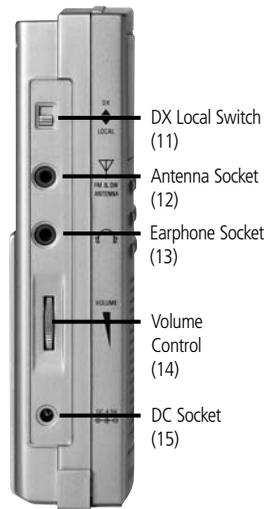
TOP



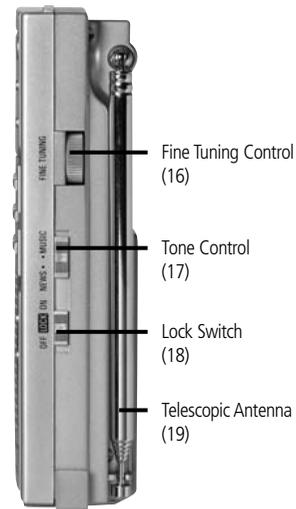
BACK



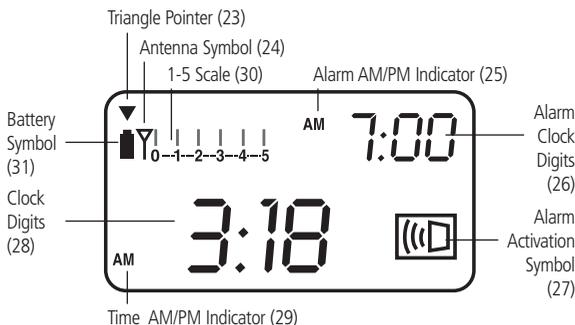
LEFT SIDE



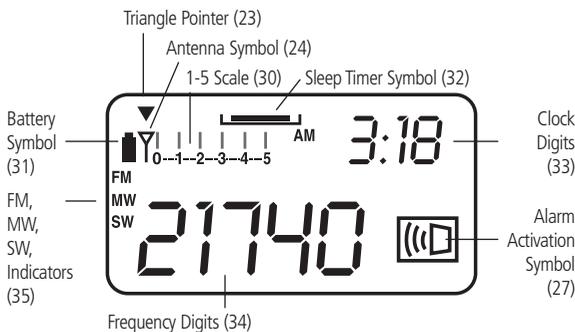
RIGHT SIDE



RADIO OFF DISPLAY



RADIO ON DISPLAY



MEMORY DISPLAY

Refers only to the display's upper right corner.



SHORTWAVE METER BAND DISPLAY

Refers only to the display's upper right corner.



SYSTEM SET CODE DISPLAY



2 QUICK GUIDE

The purpose of this Quick Guide is to enable immediate use of the radio. Please note that it is not a replacement for the Detailed Owner's Manual, a much more thorough document. Please refer to it for detailed operating instructions, starting on Page 19.

INSTALLING BATTERIES

Remove the stand and battery compartment cover and install 3 AA alkaline batteries.

PERFORMING INITIAL SET-UP

Assure that the radio is unlocked. The LOCK switch is on right side of the radio and should be OFF. Assure that the DX/LOCAL switch, on the left side of the radio is in the DX position.

TURNING THE YB 550PE ON AND OFF

A short press of the  (ON/OFF-TIMER) button turns the radio on with a 90 minute, automatic turn-off timer engaged, with  in the display. To defeat this timer, allowing indefinite turn-on and play, use a long press on the button. When defeating the timer 'yb550' will appear in the display for 5 seconds before turning on.

QUICK GUIDE *continued*

SELECTING FM, AM OR SHORTWAVE

Use the FM/AM/SW Band button to select FM, AM or SW (shortwave). AM is shown with the MW symbol in the display.

TUNING STATIONS

Use the +/- buttons. Quick, short presses for non-scan tuning; long presses for autoscan tuning. If you know the frequency, press the 'Enter' button, then key in the frequency with the numeric keypad. Use the FINE TUNING control for fine tuning or as you would a tuning knob.

SHORTWAVE BASICS

- Night shortwave reception is almost always better than daytime shortwave reception
- During daytime, the most active shortwave bands are 13, 15, 16, 19, and 22 meters, 16 and 19 usually best. At night, the most active bands are 25, 31, 41 and 49 meters, with 31 and 49 usually best
- Around sunset and sunrise, both the day and night bands may be good. It pays to experiment with this
- Getting very close to a window often helps signal strengths
- Holding the radio often helps signal strengths (this may also be true for AM and FM reception)

QUICK GUIDE *continued*

SELECTING A SHORTWAVE METER BAND

The following bands can be selected: 120, 90, 75, 60, 49, 31, 25, 22, 19, 16, 15, 13 and 11 meters. Pressing the SHORT-WAVE METER BAND BUTTON successively jumps it to the beginning of bands. Alternately, press the same button followed by the +/- buttons to go up and down bands. Start tuning after the clock reappears. When using autoscanning tuning, it will jump to the next band automatically after tuning through the band that was initially selected.

QUICK GUIDE *continued*

SHORTWAVE BAND CHART OF AUTOSCANNING RANGES

BAND (meters)	FREQUENCY RANGE (kilohertz)
120	2250 - 2550
90	3150 - 3450
75	3850 - 4050
60	4700 - 5100
49	5800 - 6300
41	7100 - 7500
31	9400 - 1000
25	11500 - 12150
22	13500 - 13900
19	15000 - 15900
16	17450 - 18000
15	18850 - 19100
13	21450 - 21950
11	25600 - 26100

QUICK GUIDE *continued*

STORING A FREQUENCY INTO MEMORY

200 frequencies can be stored into 8 pages of memory, each page holding 25 frequencies. Turn on the radio. First, select a memory page by pressing the M.Scan/Page button for about 3 seconds. The memory page then flashes in the upper right corner of the display. Within 5 seconds select the desired page with the +/- buttons. Once selected, either press/release the M.Scan/Page button or wait about 3 seconds, causing the memory page to be entered. Next, tune to the desired radio station, then press/release the Mem./Edit button and note that the 'PRESET' digits flash in the upper right corner of the display. Within 5 seconds use the numeric keypad to enter the memory preset number that you wish to store the station into (in the factory default setting, there are 25 presets per page). Punch in a number from 1 to 25. Within 5 seconds press the Mem./Edit button.

QUICK GUIDE *continued*

ACCESSING WHAT IS STORED INTO MEMORY

Once a page number has been selected or changed, even if it is not seen on the screen, you can access any memory preset on that page by keying in the memory number with the numeric keypad. To change pages, use the procedure described previously. Memory Search enables searching through the memory presets within a memory page. Press/release the M.Scan/Page button, then use quick, short presses on the +/- buttons to search through the memory presets. Using a longer, 3 second press of +/- engages Memory Autoscan, allowing about 5 seconds on each memory before automatically moving on to the next one. To stop memory preset autoscan, press/release one of the +/- buttons.

QUICK GUIDE *continued*

DELETING MEMORIES AND MEMORY PAGES

To delete a frequency stored in a memory, press/release the M.Scan/Page button, then use the +/- buttons to select the memory preset location of the frequency that you wish to delete. Then press/hold the Mem./Edit button for about 2 seconds and then release it. 'dEL' appears flashing in the display. Within 2 seconds, press/release the Mem./Edit button. To delete all contents of a page, press/release the M.Scan/Page button, then press/hold the Mem./Edit button for 4 seconds and then release it. 'dEL' appears flashing in the display. Within 2 seconds, press/release the Mem./Edit button.

LEARNING MORE ABOUT THE YB 550PE

All of the YB 550PE's capabilities cannot be addressed in this Quick Guide. You can tailor the radio to your own liking with System Set Codes. To do this, see the section titled SYSTEM SET CODE TABLE, pages 41-42.

3 DETAILED OWNERS MANUAL

NOTE: In the instructions below, numbers in parenthesis (), refer to the diagrams and appear only at the first use or description of the item. See the previous section titled DIAGRAMS.

INSTALLING BATTERIES

Install 3 AA alkaline batteries into the battery compartment (21), observing the battery polarity diagram on the back of the radio. To remove the battery compartment cover, first remove the STAND (20) by pulling its locking tabs away from the lower sides of the radio and then removing it from the back.

USING RECHARGEABLE BATTERIES: Rechargeable batteries must be charged in their own charger. They will not charge inside the YB 550PE. We suggest nickel-metal-hydride batteries (Ni-MH). Be sure to change the SYSTEM SET CODE accordingly. See the section titled SYSTEM SET CODE TABLE, on pages 41-42.

DETAILED OWNERS MANUAL *continued*

SELECTING AND USING AN AC ADAPTOR

Use an adaptor with the following specifications: output of 4.5 volts DC, negative polarity; rated at 100 milliamperes or greater; coaxial plug tip inner diameter of 3.4 millimeter, inner diameter of 1.3 millimeters. An appropriate adaptor for use in North America is available for purchase from Eton Corporation/Grundig. For details, visit www.etoncorp.com or contact us via phone. Plug it into the DC socket (15), located on the left side of the radio.

SIGNAL STRENGTH AND BATTERY STRENGTH INDICATOR

When the radio is turned off, the upper left corner of the display (1) shows battery strength on the 1–5 scale (30), with the triangle pointer (23) over the battery symbol (31) on the far left side of the scale. When the radio is turned on, the pointer is over the antenna symbol (24) and the 1-5 scale shows relative signal strength.

DETAILED OWNERS MANUAL *continued*

IMPORTANT INITIAL SET-UP

2. Assure that the radio is unlocked, with the LOCK switch (18) on right side of the radio in the OFF position. This switch can be used to lock the radio when it is not in use or when traveling.
3. Assure that the DX/LOCAL switch (11), on the left side of the radio is in the DX position.

4 BASIC RADIO OPERATION

TURNING ON AND OFF

The YB 550PE can be turned on by the two methods shown below. To turn it off, press the ON/OFF-TIMER button  (2).

1. BATTERY SAVER / SLEEP TIMER METHOD:

Perform a quick, short press of the ON/OFF-TIMER button  (2). This causes the radio to shut off automatically after 90 minutes. Note that  (32) appears in the display. To change the time from 90 minutes to a time of your preference, use the + and – buttons (7, 8) immediately after pressing the  button, allowing selection of 1 – 120 minutes of play time. The number of minutes that you last set are also used the next time the radio is turned on.

2. TIMER-DEFEAT METHOD:

This method defeats the automatic 90 minute timer and causes the radio to stay on until deliberately turned off. Hold the  button down for about 2 seconds, then release. Note that 'YB550' appears in the display for about 5 seconds, then the radio turns on.

BASIC RADIO OPERATION *continued*

VOLUME AND TONE CONTROLS

The volume control (14), labeled VOLUME, is located on the left side of the radio. The tone control (17), on the right side of the radio is labeled NEWS/MUSIC. Use the position that you like best.

SELECTING FM, AM OR SHORTWAVE

Pressing the button labeled 'FM/AM/SW Band' (9), allows selection of FM, AM and SW (35). The frequency digits (34) appear in the lower portion of the display. The local stations of your area will be heard on AM and FM. International Shortwave stations from around the world will be heard on SW.

NOTE: When the AM band is selected, the display shows MW, not AM.

If you live outside of North America, see instructions on page 14.

BASIC RADIO OPERATION continued

SETTING UP AM AND FM OUTSIDE OF NORTH AMERICA

You can skip this section if you are in North America and just purchased the YB 550PE. It is already set-up in the factory for use in North America. If you travel to other world regions, make the changes below as necessary. Outside of North America, AM stations (MW in the YB 550PE's display) are spaced at 9 KHz. The FM frequency range may be like that used in Japan, 76-108 MHz. To make these changes please see the instructions titled SYSTEM SET CODE TABLE, on pages 41-42.

BASIC RADIO OPERATION continued

FOUR WAYS TO TUNE IN STATIONS

There are four ways to tune in stations, described in detail below:

1. REGULAR TUNING (MANUAL TUNING)

Quick, short presses of the +/- buttons enables tuning up or down frequency.

2. AUTOSCAN TUNING

Pressing the + or – buttons for just over 1 second enables automatic scan-tuning. The radio will then automatically stop on the next station encountered. Use the + button to autoscans upward in frequency and the – button to autoscans downward in frequency.

3. DIRECT FREQUENCY ENTRY

When the exact desired frequency is known, it can be entered via the numeric keypad (10A) and the 'Enter' button. Make sure that the correct band, AM, FM or SW is selected. To enter a frequency, do the following in a rapid sequence:

- a. Press/release the 'Enter' (6) button.
- b. Enter the frequency using the numeric keypad.

4. FINE TUNING

The FINE TUNING control (16) is located on the right side of the radio. It tunes in 1 Kilohertz steps in AM and Shortwave and .05 Megahertz steps in FM. Use it to 'fine-tune' stations to your liking, or use it as you would a tuning knob.

Shortwave enables listening to stations from around the

5 USING SHORTWAVE

world. If you are completely new to shortwave, or just need a refresher on shortwave basics, please see the **SHORTWAVE LISTENING GUIDE** that accompanies this product. To get you started, some basics are noted below

- Night shortwave reception is almost always better than daytime shortwave.
- During daytime the most active shortwave bands are 13, 15, 16, 19, and 22 meters, 16 and 19 usually best. At night, the most active bands are 25, 31, 41 and 49 meters, 31 and 49 usually best
- Around sunset and sunrise, both the day and night bands may be good, sometimes exceptionally good. Listening at these times can often be quite rewarding
- Signal strengths are often stronger when holding the radio and being very close to a window

USING SHORTWAVE *continued*

SELECTING A SHORTWAVE METER BAND

All 14 of the international broadcast bands can be accessed. The bands are numbered 120, 90, 75, 60, 49, 31, 25, 22, 19, 16, 15, 13 and 11 meters. See the section below titled **SHORTWAVE BAND CHART OF AUTOSCANNING RANGES** which shows the full frequency range of each band used by the radio's autoscanner system.

There are two ways to access a band, each method placing the tuner at the beginning of the band that has been accessed.

1. Each successive quick, short press of the button labeled **SHORTWAVE METER BAND (10)** places the radio at the beginning of a band. While pressing the button, the band number shows in the upper right corner of the display (37) and disappears a few seconds after it is released, causing the clock to reappear in the corner. Start tuning only after the clock reappears.
2. Perform one quick, short press of the button labeled **SHORTWAVE METER BAND**, immediately followed by quick, short presses of either the **+** or **-** tuning buttons. The band number appears in the upper right corner of the display. After the band of choice is selected, start tuning after the clock reappears in the upper right corner.

USING SHORTWAVE *continued*

AUTOSCAN TUNING WHILE IN SHORTWAVE

In shortwave, autoscanning only autoscans in the shortwave frequency ranges noted below in the SHORTWAVE BAND CHART OF AUTOSCANNING RANGES. To tune shortwave frequencies that are in-between these ranges, or outside of these ranges, use one of the other tuning methods.

SHORTWAVE BAND CHART OF AUTOSCANNING RANGES

BAND (meters)	FREQUENCY RANGE (kilohertz)
120	2250 - 2550
90	3150 - 3450
75	3850 - 4050
60	4700 - 5100
49	5800 - 6300
41	7100 - 7500
31	9400 - 1000
25	11500 - 12150
22	13500 - 13900
19	15000 - 15900
16	17450 - 18000
15	18850 - 19100
13	21450 - 21950
11	25600 - 26100

6 CLOCK AND ALARM FEATURES

SETTING THE CLOCK

The factory default has set the clock to function as a 24 hour format clock. If you prefer a 12 hour, AM/PM clock format, see the section titled CHANGING THE CLOCK FORMAT, on page 39.

To set the clock:

1. Turn the radio off. The clock digits appear in the lower portion of the display (28).
2. Press/release the button labeled 'Time Set' (5). The clock's digits flash in the display.
3. Within 5 seconds, set the hour using the + button and the minutes using the – button. Make sure that AM or PM (29) appear in the display appropriately for the time of day if your clock is set up in the 12 hr. AM/PM format.
4. Within 5 seconds of finishing, press/release the 'Time Set' button twice.

CLOCK AND ALARM FEATURES continued

SETTING THE ALARM

After setting the alarm time, be sure to read the next section titled ACTIVATING AND DEACTIVATING THE ALARM. The alarm will wake you to the last radio station tuned, unless set for Favorite Station Wake-Up. See Below. The radio will play for 30 minutes, until you turn it off or until you press the SNOOZE/LIGHT button (see USING THE SNOOZE FEATURE, below).

1. Turn the radio off. The alarm clock digits (26) appear in the upper right corner of the display.
2. Press/release the button labeled 'Time Set' twice. The alarm clock's digits flash in the display.
3. Within 5 seconds, set the hour using the + button and the minutes using the – button. Make sure that AM or PM (25) appear in the display appropriately for the time of day if your clock is set up in the 12 hr. AM/PM format.
4. Within 5 seconds of finishing, press the 'Time Set' button once.

FAVORITE STATION WAKE-UP

Use system set code 01. See pages 41-42.

CLOCK AND ALARM FEATURES continued

USING THE SNOOZE FEATURE

When the alarm activates and turns the radio on, the  symbol appears flashing in the display. While it is flashing, press/release the SNOOZE/LIGHT button (22). The radio will turn off and then turn on again in 10 minutes. This process can be repeated 3 times.

ACTIVATING AND DEACTIVATING THE ALARM

For the alarm to function, it must be activated by pressing the button labeled ALARM (3). The  symbol (27) appears in the display. To deactivate the alarm, press/release the ALARM button again, causing the  symbol to disappear from the display.

Note that once the alarm turns on the radio and the above pictured alarm symbol is flashing, except for the SNOOZE/LIGHT button, the radio's controls will not function until the ON/OFF-TIMER button is pressed.

7 WORKING WITH MEMORY

To store frequencies into memory, it must first be learned how to select memory pages. By factory default, there are 8 pages of memory, each page holding 25 frequencies. This enables storing of 200 frequencies into memory. This default can be changed and tailored to your personal need. See the section CUSTOMIZING MEMORY PAGES on page 37.

SELECTING MEMORY PAGES

1. Press/hold the M.Scan/Page button (4) for about 3 seconds. Then release it. Note that the memory page (36) is flashing in the upper right corner of the display.
2. Within 5 seconds select the desired page with the + and – buttons. You will see the memory page change with each press. When the page of your choice is reached, stop pressing.
3. When finished, either press/release the M.Scan/Page button, or wait about 3 seconds, causing the memory page to be entered. The clock (33) will reappear in the display's upper right corner.

WORKING WITH MEMORY *continued*

STORING STATIONS INTO MEMORY

In the instructions below, the term 'preset' and 'memory preset' refer to memory locations.

1. Turn on the radio.
2. Select the memory page that you wish to use, using the procedure titled SELECTING MEMORY PAGES, above. If you know that it's already on the correct memory page, skip this step.
3. Tune to the desired station.
4. Press/release the Mem./Edit button. Note that the 'PRESET' digits (36) flash in the upper right corner of the display. The memory page number also appears, but does not flash.
5. Within 5 seconds use the numeric keypad to enter the memory preset number that you wish to store the station into (in the factory default setting, there are 25 presets per page). Punch in a number from 1 to 25.
6. Within 5 seconds press the Mem./Edit button, or wait 5 seconds. After a few seconds, the upper right corner's display returns to the clock.

WORKING WITH MEMORY *continued*

ACCESSING WHAT IS STORED INTO MEMORY

Below, the three ways to access what has been stored into memory are described: Direct Memory Access, Memory Search and Memory Autoscan. When the memory page and memory preset numbers appear in the upper right corner of the display, as it will in the sections below, the radio is in MEMORY ACCESS MODE. This mode can be exited any time with a press/release of the M.Scan/Page button.

DIRECT MEMORY ACCESS: To directly access a memory preset, the page number and preset number must be entered, as shown below:

1. Press/hold the M.Scan/Page button for about 3 seconds. Then release it. Note that the memory page is flashing in the upper right corner of the display.
2. Within 5 seconds select the desired page with the + and – buttons.
3. Within 5 seconds, use the numeric keypad to key-in the memory preset number that you wish to access. (if it is under 10, key in 01, 02, etc.). NOTE: Once a page number has been selected or changed, even if it is not seen on the screen, a memory preset on that page can be selected by keying in the memory number with the numeric keypad, without having to re-do steps 1 and 2 above.

WORKING WITH MEMORY *continued*

MEMORY SEARCH

Memory Search enables searching through the memory presets within a memory page, as shown below:

1. Press/release the M.Scan/Page button.
2. Use quick, short presses on the + or – buttons to search through the memory presets.

MEMORY AUTOSCAN

Memory Autoscan enables scanning through the memory presets within a memory page. The memory being scanned enables listening to the station for about 5 seconds and will then move on to the next memory automatically. Autoscan will continue indefinitely on the selected page until deliberately stopped.

1. Press/release the M.Scan/Page button.
2. Press/hold either the + or – button for about 3 seconds. Then release it. Note that the memory preset number in the upper right corner of the display flashes and the preset being scanned remains for about 5 seconds. It then moves on to the next memory preset for another 5 seconds. To stop memory preset autoscan, press/release either the + or – button.

WORKING WITH MEMORY continued

MOVING A STORED FREQUENCY

1. Turn on the radio.
2. Press/hold the M.Scan/Page button for about 3 seconds and release it.
3. Use the + or – button to select the required memory page.
4. Press/release the M.Scan/Page button twice.
5. Press/release the Mem./Edit button.
6. Within 5 seconds use the numeric keypad to enter the memory preset number that you wish to store the station into.
7. Within 5 seconds press/release the Mem./Edit button.

DELETING A STORED FREQUENCY

1. Press/release the M.Scan/Page button.
2. Use the + or – button to select the memory preset location of the frequency that you wish to delete.
3. Press/hold the Mem./Edit button for about 2 seconds and then release it. 'dEL' appears flashing in the display.
4. Within 2 seconds, press/release the Mem./Edit button.

WORKING WITH MEMORY continued

DELETING ALL MEMORY CONTENTS OF A PAGE

1. Press/release the M.Scan/Page button.
2. Press/hold the Mem./Edit button for 4 seconds and then release it. 'Del' (38) appears flashing in the display.
3. Within 2 seconds, press/release the Mem./Edit button.

CUSTOMIZING MEMORY PAGES

The number of memory pages can be changed from 8 to 4, 5, or 20. While this changes the number of frequencies stored per page, in all cases 200 total frequencies can be stored. To see the details of these changes and to make these changes please see the instructions titled SYSTEM SET CODE TABLE, on Pages 41-42.

8 SYSTEM SET CODE TABLE

Certain functions can be programmed and changed using SYSTEM SET CODES. These functions and their descriptions are noted in the SYSTEM SET CODE TABLE, on Page 41.

CHANGING SYSTEM SET CODES

To enter a system code of your choice, use the procedure below.

1. Turn off the radio.
2. Press/release the 'Sys. Set' button (6). Note that '- -' (39) appears in the upper right corner of the display and the clock digits disappear.
3. Within 5 seconds, enter the desired numeric code with the numeric key pad, then immediately press/release the button labeled ENTER. The code ICON (40) will briefly appear in the lower right corner of the display.

SYSTEM SET CODE TABLE *continued*

CHANGING THE CLOCK FORMAT

The instructions below serve as an excellent example of how to change a system set code, in this case changing the clock system to a 12 hour format:

1. Turn off the radio.
2. Press/release the 'Sys. Set' button. Note that '- -' appears in the upper right corner of the display and the clock digits disappear.
3. Within 5 seconds, enter 12 with the numeric keypad, then immediately press/release the button labeled ENTER. '12H' briefly appears in the display.

SYSTEM SET CODE TABLE *continued***DEFAULT FACTORY SYSTEM SET CODES USED FOR NORTH AMERICA**

When shipped from the factory, the radio is set up as follows. Changes can be made via the SYSTEM SET CODE TABLE and the section titled CHANGING SYSTEM SET CODES, on the previous page

- 24 hour clock system. Code 24.
- 10 KHz AM (MW) tuning rate. Code 10.
- Eight pages with 25 memories (200 memories total). Code 08.
- 87-108 MHz FM frequency coverage. Code 88.
- 1.5 Volt AA batteries. Code 29.
- Radio alarm uses last station tuned. Code 02.

MONITORING CURRENT SET CODE STATUS

In the set code table shown below, the current status of the set codes identified with an asterisk (*) can be monitored by performing a 3 second press of the 'Sys. Set' button. The applicable icon shows briefly in the display window for each code.

SYSTEM SET CODE TABLE *continued***SYSTEM SET CODE TABLE**

CODE NO.	DESCRIPTION	SHOWN IN DISPLAY
01 *	Alarm uses radio station on Page 1, Mem 1	AL. 1
02 *	Alarm uses last radio station tuned	AL. 2
04	Divide the memories into 4 pages with 50 locations	P4: 50
05	Divide the memories into 5 pages with 40 locations	P5: 40
08	Divide the memories into 8 pages with 25 locations	P8: 25
20	Divide the memories into 20 pages with 10 locations	P20: 10
09 *	Set the tuning rating for MW to 9KHz 9KHz	
10 *	Set the tuning rating for MW to 10KHz 10KHz	
12 *	Set the clock system to 12Hr 12H	
24 *	Set the clock system to 24H 24H	

SYSTEM SET CODE TABLE *continued*

22	Check all the segments on LCD display and model no.	All LCD segments show
28 *	Rechargeable battery to be used	1.2
29 *	Normal AA battery to be used	1.5
76 *	Set the FM frequency range to 76-108MHz (Japan)	76 108
88 *	Set the FM frequency range to 87 –108MHz (N. America;Western Europe).	87 108

9 ADDITIONAL INFORMATION

USING THE LIGHT

A quick, short press/release of the SNOOZE/LIGHT button (22), located at the top of the radio, will turn on the display light, shining from the right side of the display, for about 10 seconds. A longer, 5 second press/release of the button will cause it to stay on indefinitely (note that this will greatly decrease battery life). Turn off the light with a quick short press of the button.

USING EARPHONES

Plug stereo earphones/headphones with a 1/8 inch stereo plug into the earphone socket (13) on the left side of the radio.

USING THE DX LOCAL SWITCH

Always use the DX position. Use LOCAL only if you live extremely close to the local radio station that you are listening to and its power causes audio distortion. 'DX' stands for 'distance'. This position gives the radio maximum sensitivity to radio signals.

ADDITIONAL INFORMATION continued

USING THE LOCK SWITCH

Placing the LOCK switch into the ON position will render all buttons and the FINE TUNING control inoperative. If the radio is turned on while LOCK is on, the volume control is still operative. This is an excellent feature to use when traveling. Before placing the radio into a suitcase, purse or briefcase, turn it off and then lock it. This will prevent accidental turn-on and battery drainage.

PREVENTING BATTERY ACID LEAKAGE

To avoid battery acid leakage, only use high quality alkaline or rechargeable nickel-metal-hydride batteries. Never intermix old with new, or different brands or types of batteries. If the batteries leak, immediately contact the manufacturer of the batteries and don't throw them away. **Battery acid leakage is not covered by warranty and voids the warranty.**

ADDITIONAL INFORMATION continued

TROUBLESHOOTING

RADIO WILL NOT TURN ON

- Assure that the LOCK switch is in the OFF position
- Assure that the radio is powered by either batteries or an AC adaptor
- Assure that the AC adaptor is plugged into the household outlet (mains socket) and into the radio's DC socket. Take care not to plug it into the ear phone socket or the antenna socket. The AC adaptor may be defective
- Assure that batteries are inserted with correct polarity
- Assure that the batteries are not depleted

CLOCK SHOWS IN DISPLAY, BUT RADIO WILL NOT TURN ON

There are two possibilities: dead batteries or the LOCK switch is ON.

SHUTS OFF ABRUPTLY WHILE PLAYING DURING BATTERY USE

This is caused by depleted batteries.

SHUTS OFF ABRUPTLY WHILE BEING MOVED DURING AC ADAPTOR USE

This is caused by a broken wire or loose connection in the AC adaptor cord.

ADDITIONAL INFORMATION continued**OPERATES ERRATICALLY**

Perform a RESET, as described in the section titled RESET PROCEDURE.

STATIONS ARE RECEIVED TOO WEAK

- Assure that the DX/LOCAL switch is set to the DX position
- Assure that the telescopic antenna is pulled up all the way for FM and Shortwave reception
- If listening to AM stations, swivel the radio. The internal ferrite bar AM antenna is highly directional

THERE IS NO SOUND FROM THE SPEAKER

Assure that earphones/headphones are not plugged in and that the volume control is turned up.

A STATION CAUSES SEVERE AUDIO DISTORTION, BUT SEEMS TO BE VERY STRONG IN SIGNAL STRENGTH

This is probably a strong, local station, very close to your location. Because of its close proximity to you, its signal is too strong. To reduce signal strengths, place the DX/LOCAL switch into the LOCAL position. Also, try retuning the station with the FINE TUNING control.

ADDITIONAL INFORMATION continued**THE BATTERY COMPARTMENT A STICKY LIQUID OR DRIED WHITE POWDER IN IT**

This is the result of battery acid leakage. Battery acid leakage is not covered by warranty. Do not throw away the leaked batteries and immediately contact their manufacturer.

RESET PROCEDURE

When performing a 'reset', assure that the batteries in use are good. If the radio does not function and the solutions below do not resolve the problem, perform a 'reset'. To do this, remove the batteries and press/release the small, round button recessed into the battery compartment floor, using a straightened out paper clip or ballpoint pen. Reinstall the batteries and test the radio. If it still does not resolve the problem, try again, pressing the button two or three times.

ADDITIONAL INFORMATION continued

MAJOR FEATURES OF THE YB 550PE

- SHORTWAVE – 1711-29.995 KHz.
- FM 87.0 – 108.0MHz; MW 520 – 1710 KHz
- Manual and Auto-Scan Tuning
- Direct Keypad Frequency Entry
- Manual/Auto Scan to scan the preset stations
- Fine-Tuning Control
- 200 Random Programmable Memories
- Memory Page Customizing
- 9/10KHz step size selector for correct worldwide Medium Wave (AM) reception
- FM-Stereo/Signal Strength/Power Level Indicators
- Digital Clock
- Selectable 12/24 hour clock display format.
- Simultaneous display of frequency and clock
- Favorite Station Wake-Up.
- Programmable Alarm
- Programmable Sleep Timer (10 – 90min.) functions
- LCD display light.
- Built in antennas for AM, FM and SW reception

ADDITIONAL INFORMATION continued

- Earphone socket (earbud style earphones included)
- AC adaptor socket (adaptor not included)
- External antenna socket (external antenna not included)
- Includes carrying pouch

10 SERVICE INFORMATION

You may contact the Etón Service Department for additional information:

customersvc@etonncorp.com

Contact us for a Return Authorization prior to shipping your unit. Should you want to return your unit for service, pack the receiver carefully using the original carton or other suitable container. Write your return address clearly on the shipping carton and on an enclosed cover letter describing the service required, symptoms or problems. Also, include your daytime telephone number and a copy of your proof of purchase. The receiver will be serviced under the terms of the Etón Limited Warranty and returned to you.

ONE YEAR LIMITED WARRANTY

Etón warrants to the original purchaser this product shall be free from defects in material or workmanship for one year from the date of original purchase. During the warranty period Etón or an authorized Etón service facility will provide, free of charge, both parts and labor necessary to correct defects in material and workmanship. At their option, Etón may replace a defective unit.

- (1) Complete and send in the Warranty Registration Card within ten (10) days of purchase.

SERVICE INFORMATION *continued*

- (2) Call Etón or the nearest authorized service facility, as soon as possible after discovery of a possible defect. Have ready:
 - (a) the model and serial number.
 - (b) the identity of the seller and the approximate date of purchase.
 - (c) a detailed description of the problem, including details on the electrical connection to associated equipment and the list of such equipment.
- (3) Etón will issue a Return Authorization number and the address to which the unit can be shipped. Ship the unit in its original container or equivalent, fully insured and shipping charges prepaid. Correct maintenance, repair, and use are important to obtain proper performance from this product. Therefore carefully read the Instruction Manual. This warranty does not apply to any defect that Etón determines is due to:
 - (1) Improper maintenance or repair, including the installation of parts or accessories that do not conform to the quality and specification of the original parts.
 - (2) Misuse, abuse, neglect or improper installation.
 - (3) Accidental or intentional damage.
 - (4) Battery leakage.

SERVICE INFORMATION *continued*

All implied warranties, if any, including warranties of merchantability and fitness for a particular purpose, terminate one (1) year from the date of the original purchase. The foregoing constitutes Etón entire obligation with respect to this product, and the original purchaser shall have no other remedy and no claim for incidental or consequential damages, losses, or expenses. Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusions or limitation of incidental or consequential damages, so the above limitation and exclusion may not apply to you. This warranty give you specific legal rights and you may also have other rights which vary from state to state.

FOR SERVICE INFORMATION CONTACT:

Etón Corporation
1015 Corporation Way
Palo Alto, CA 94303
U.S.A.

From the United States: (800) 872-2228

From Canada: (800) 637-1648

From Everywhere Else: (650) 903-3866

Email: customersvc@etoncorp.com

Internet: www.etoncorp.com

Etón Corporation
1015 Corporation Way
Palo Alto, California 94303
USA

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