

# Model ST6000 User Guide

**TUNER** 



# **CAUTION**

RISK OF ELECTRIC SHOCK DO NOT OPEN



CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK,
DO NOT REMOVE COVER (OR BACK).
NO USER-SERVICEABLE PARTS INSIDE.
REFER SERVICING TO QUALIFIED SERVICE PERSONNEL.



The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of uninsulated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock to persons.



The exclamation point within an equilateral triangle is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.

# WARNING

TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS APPLIANCE TO RAIN OR MOISTURE.

**CAUTION:** TO PREVENT ELECTRIC SHOCK, MATCH WIDE BLADE OF PLUG TO WIDE SLOT, FULLY INSERT.

ATTENTION: POUR ÉVITER LES CHOCS ÉLECTRIQUES, INTRODUIRE LA LAME LA PLUS LARGE DE LA FICHE DANS LA BORNE CORRESPON DANTE DE LA PRISE ET POUSSER JUSQU'AU FOND.

# NOTE:

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation.

If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: Reorient or relocate the receiving antenna.

Increase the separation between the equipment and receiver.

Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

Consult the dealer or an experienced radio/TV technician for help.

# NOTE:

Changes or modifications may cause this unit to fail to comply with Part 15 of the FCC Rules and may void the user's authority to operate the equipment.

# IMPORTANT SAFETY INSTRUCTIONS

#### **READ BEFORE OPERATING EQUIPMENT**

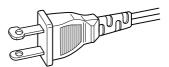
This product was designed and manufactured to meet strict quality and safety standards. There are, however, some installation and operation precautions which you should be particularly aware of.

- 1. Read Instructions All the safety and operating instructions should be read before the appliance is operated.
- 2. Retain Instructions The safety and operating instructions should be retained for future reference.
- 3. Heed Warnings All warnings on the appliance and in the operating instructions should be adhered to.
- Follow Instructions All operating and use instructions should be followed.
- Water and Moisture The appliance should not be used near water — for example, near a bathtub, wash-bowl, kitchen sink, laundry tub, in a wet basement, or near a swimming pool, etc.
- Carts and Stands The appliance should be used only with a cart or stand that is recommended by the manufacturer.
- An appliance and cart combination should be moved with care. Quick stops, excessive force, and uneven surfaces may cause the appliance and cart combination to overturn.



- Wall or Ceiling Mounting The appliance should be mounted to a wall or ceiling only as recommended by the manufacturer.
- 9. Ventilation The appliance should be situated so that its location or position does not interfere with its proper ventilation. For example, the appliance should not be situated on a bed, sofa, rug, or similar surface that may block the ventilation openings; or, placed in a built-in installation, such as a bookcase or cabinet that may impede the flow of air through the ventilation openings.
- Heat The appliance should be situated away from heat sources such as radiators, heat registers, stoves, or other appliances (including amplifiers) that produce heat.
- 11. Power Sources The appliance should be connected to a power supply only of the type described in the operating instructions or as marked on the appliance.

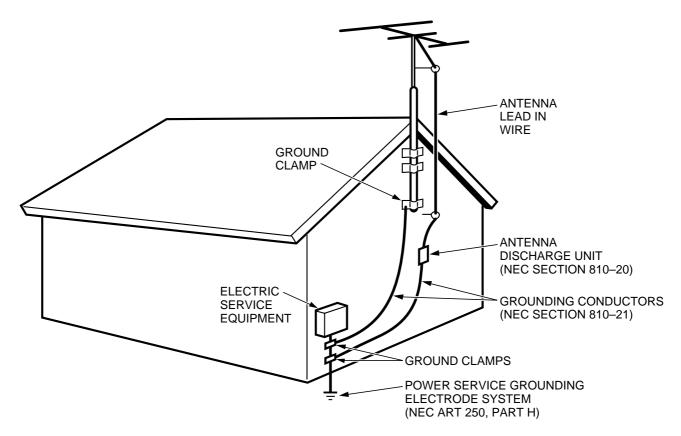
12. Grounding or Polarization — The precautions that should be taken so that the grounding or polarization means of an appliance is not defeated.



#### AC POLARIZED PLUG

- 13. Power-Cord Protection Power-supply cords should be routed so that they are not likely to be walked on or pinched by items placed upon or against them, paying particular attention to cords at plugs, convenience receptacles, and the point where they exit from the appliance.
- Cleaning The appliance should be cleaned only as recommended by the manufacturer.
- Power Lines— An outdoor antenna should be located away from power lines.
- 16. Outdoor Antenna Grounding If an outside antenna is connected to the receiver, be sure the antenna system is grounded so as to provide some protection against voltage surges and built up static charges. Section 810 of the National Electrical Code, ANSI/NFPA No. 70-1984, provides information with respect to proper grounding of the mast and supporting structure, grounding of the lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode. See Fig. 1.
- 17. Nonuse Periods The power cord of the appliance should be unplugged from the outlet when left unused for a long period of time.
- Object and Liquid Entry Care should be taken so that objects do not fall and liquids are not spilled into the enclosure through openings.
- 19. Damage Requiring Service The appliance should be serviced by qualified service personnel when:
  - A. The power-supply cord or the plug has been damaged; or
  - B. Objects have fallen, or liquid has spilled into the appliance; or
  - C. The appliance has been exposed to rain; or
  - D. The appliance does not appear to operate normally or exhibits a marked change in performance; or
  - E. The appliance has been dropped, or the enclosure damaged.
- Servicing The user should not attempt to service the appliance beyond that described in the operating instructions. All other servicing should be referred to qualified service personnel.

# EXAMPLE OF ANTENNA GROUNDING ACCORDING TO NATIONAL ELECTRICAL CODE INSTRUCTIONS CONTAINED IN ARTICLE 810 - "RADIO AND TELEVISION EQUIPMENT"



NEC - NATIONAL ELECTRICAL CODE

This Class B digital apparatus meets all requirements of the Canadian Interference - Cansing Equipment Regulations.

Cet appareil numérique de la Classe B respecte toutes les exigences du Règlement sur le materiel brouilleur du Canada.

# NOTE TO CATV SYSTEM INSTALLER:

This reminder is provided to call the CATV system installer's attention to Article 820–40 of the NEC that provides guidelines for proper grounding and, in particular, specified that the cable ground shall be connected to the grounding system of the building, as close to the point of cable entry as practical.

# INTRODUCTION

Thank you for selecting the Marantz ST6000 FM/AM Stereo Tuner for your system.

Please read these operating instructions carefully. We recommend that you read the entire user guide before you attempt to connect or operate the Tuner.

After you have reviewed the contents of this manual, we suggest that you make all system connections before you attempt to operate the unit.

Refer to the figures on the pages at the back of this user's guide. The callout numbers on the figures correspond to those found in the text. All references to the connections and controls that are printed in **BOLD** type are as they appear on the unit.

# **INSTALLATION**

Remember the following important points when installing the Tuner.

- Do not expose the component to rain or moisture, as this may cause damage to the Tuner.
- Prevent extra heat from reaching the unit. Never put the Tuner in the full glare of the sun or near a heat source.

# **PRECAUTIONS**

The following precautions should be taken when operating the equipment.

#### **GENERAL PRECAUTIONS**

When installing the equipment ensure that:

- air is allowed to circulate freely around the equipment.
- it is placed on a vibration-free surface.
- it will not be exposed to excessive heat, cold, moisture or dust.
- it will not be exposed to direct sunlight.
- it will not be exposed to electrostatic discharges.

In addition, never place heavy objects on the equipment.

If a foreign objector water does enter the equipment, contact your nearest dealer or service center.

Do not pull out the plug by pulling on the mains lead; grasp the plug

It is advisable when leaving the house, or during a thunderstorm, to disconnect the equipment from the AC outlet.

# ST6000 FEATURES

- Max.30-station preset memory (each FM,AM) with auto preset memory function
- · Remote control operation
- Select the FM Antenna A/B
- Select the IF band (wide/narrow)
- Fine Tuning

# LOCATION AND FUNCTION OF PARTS AND CONTROLS

# FRONT PANEL FEATURES (SEE APPEARANCE DRAWING)

# 1 POWER ON /STANDBY button

This button is used to power on or power standby.

# 2 ANTENNA A/B button

This button is used selection of the FM antenna A or B.

# 3 IF BAND button

This button is used for selecting the bandwidth of the FM broadcast.

# 4 TIME ADJ (adjust) button

This button is used for adjusting the current time.

#### (5) ST.NAME/DISPLAY button

This button is used for manual tuning or selecting the display mode. Press this button slightly longer (for more than 1.5 second) to file in manually stations name in the preset memory.

#### **6** TUNING MODE button

This button is used for selecting the manual tuning or the fine tuning mode. Fine tuning mode is available only in the FM band.

# **7** TUNING ▲∞ (UP/DOWN) button

This button used for tuning in the desired broadcasting stations or adjusting the time, or manual tuning, etc.

#### **8** CANCEL button

This button is used for canceling the program during manual file or adjusting the on/off time of the timer.

# 9 NEXT button

This button is used for advancing to the next step during time adjustment or manual filing, etc.

#### 10 MEMO button

This button is used for presetting the broadcasting stations.

# (1) (Timer) ON/OFF button

This button used for engaging the daily timer function.

#### 12 TIMER SET button

This button is used for presetting the time when the system is turned on and off every day at a specified time.

#### 13 PRESET ▲∞ (UP/DOWN) button

This button used for preset in the desired broadcasting stations.

# 14 FM MODE button

This unit automatically switches into the STEREO mode when a FM stereo broadcast is received press this button to change the monaural mode, then the "STEREO" indicator will go out on the display.

#### (15) BAND button

This button is used for selecting the FM or AM broadcast.

### **16** DISPLAY/INDICATOR

#### a TIMER

This indicator light up when the daily timer is engaged by pressing the timer button.

- **(b)** DAILY timer indicator
- © TUNED indicator
- **d** STEREO indicator
- MEMORY indicator
- f PRESET Number indicator
- (9) FM IF band indicator
- h Antenna A or B indicator

# **OPERATIONS**

# 1. MEMORY PRESETTING

#### a. Manual operation

For example: presetting FM 90.1 M Hz, to Preset number. 10

- 1. Select the FM by using the BAND button.
- 2. Tune to 90.1 MHz by using the TUNING ▲∞ button.
- 3. Press the MEMO button briefly (for less than 0.5 second) Then, "MEMO" will bricking in the florescent tube display.
- 4. Select the preset number by using the TUNING ▲∞ button.
- MEMO button pushed again, 90.1 MHz (broadcast station) was able to be memorized in number 10 by this.

#### Note:

Be sure to select the antenna A or B memorization when you preset manual memory in FM broadcast.

# b. Automatic operation

- Select the desired broadcasting (FM or AM) by using the BAND button
- Press the MEMO button slightly longer than 1.5 second does.
   Then, broadcasting will be automatically received, and as many broadcasting station are received well will be memorized preset number-01 after another
- 3. Check the broadcasting station by using the TUNING  $\blacktriangle \infty$  button.

#### Note:

- 1. In the case of FM automatic presetting, the antenna A, B selector is set to "A" automatically,
  - And the broadcasting station is scanned twice. The stations that have stronger broadcasting signal are preset in the first time.; weaker ones are preset in the second time.
- If a new broadcasting station is preset into a channel the broadcasting station which has been preset into that position aria will be automatically erased.
- In mountainous or remote area broadcasting stations which have weak broadcasting signals cannot be automatically preset into the memory.
- Max. 30 broadcasting stations each for FM, AM bands can be preset.

#### 2. LISTENING TO RADIO

- 1. Select FM or AM by using the BAND button.
- 3. FM broadcasting is set up to "STEREO" mode
  If the broadcasting signal is weak, or if there is a large amount of
  interference in FM stereo broadcast, change the monaural mode by
  presetting the FM MODE button.
- 4. Select the IF BAND (FM bandwidth)

Select the NARROW bandwidth by pressing this button if the broadcast signal is interfered with adjacent broadcast in the FM .

#### 3. FINE, MANUAL TUNING

This function used for selection the manual tuning of the fine tuning mode.

Fine tuning mode is available only in the FM mode.

- 1. Press the TUNING MODE button.
- Every time you press this button, the following will be displayed FINE ⇔ MANUAL.

# a. In FINE (Tuning) mode

When you try press the **TUNING**  $\triangle \infty$  button, the frequency will be selected by 10 kHz step to  $\pm 50$  kHz. Then, it will automatically be set to the MANUAL mode in 4 second.

# b. In MANUAL (Tuning) mode

- Press the TUNING ▲∞ button in the FM band, then the frequency will be selected by 50 kHz step.
- 2. In the MW band, the frequency will be selected by 10 kHz step.

#### 4. DIRECT TUNING

- 1. Press the F. DIRECT (frequency direct) button
- 2. Next press the numeric (0 to9) button.

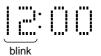
For example: FM 98.10 MHz

- a. FM is chosen with BAND (or TUNER) button on remote controller.
- b. Press the F. DIRECT (Frequency Direct) button.
- c. Press the numeric button of "9".
- d. Press the numeric button of "8".
- e. Press the numeric button of "1".
- f. Press the numeric button of "0".
- g. The display fixed 98.10 MHz and broadcast station received. MW, LW band is same as above operations.

#### 5. ADJUSTING CURRENT TIME

You can adjust the current time regardless of power on/standby.

1. Press the TIME ADJ button. Then "Hour display" indicator will blink.



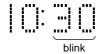
2. The hour is set with the TUNING ▲∞ button.



3. Press the NEXT button. Then "minute display" indicator will blink.



4. The minute is set with the TUNING ▲∞ button.



5. Press the NEXT button.



# **Daily timer**

Example: presetting ON time: 7:15 OFF time: 9:30

1. Press the TIMER SET button.



 Preset the ON time by the TUNING ▲ ∞ button and the NEXT button. (Same as operation of time adjust)



3. If ON time setting OK, Press the NEXT button.



Preset the OFF time by the TUNING ▲∞ button and the NEXT button.

(Same as operation of time adjust)



5. Press the NEXT button and the TIMER SET button.



- \* Daily timer makes the system turn on and off at preset times every day.
- \* If you want to record at ON time, select the desired source with the input selector deck to the REC position.
- \* If the timer indicator "TIMER DAILY" is off, the daily timer doesn't work.

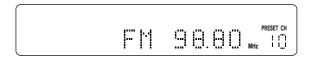


\* While setting the daily timer, if the cancel button is held depressed, the timer function will be canceled.

# 6. FILING (STATION NAME, ETC.)

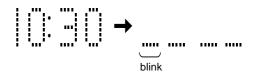
For example: FM 98.8 MHz Preset CH-10 Station name BBC1

1. Select the preset number 10 in the preset mode.



Press the ST.NAME/DISPLAY button long pushed (for more than 1.5 second)

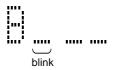
Then, "\_\_\_\_" will be displayed in the clock indicator.



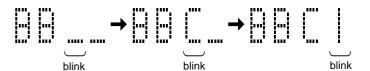
3. Select "B" with the TUNING ▲∞ button.



4. Press the NEXT button. and then, the cursor will move one space.



 After selecting "BBC 1" with the TUNING ▲ and the NEXT button, press the MEMO button. and then, the broadcasting station name will be changed to "BBC 1".



# TROUBLESHOOTING GUIDE

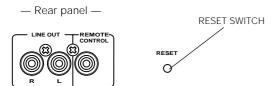
If your Tuner should not perform as expected, consult the table below to see if the problem can be corrected before seeking help from your dealer or our service organization.

Symptom	Probable cause (s)	Suggested remedy
No sound	INPUT SELECTOR of amplifier is not Select "TUNER" in INPUT SELECTOR	set to "TUNER"
	Volume of amplifier positioned in "MIN."	Adjust Volume accordingly
	The terminal for system connection is pullet out.	Connect the terminal for system Connection correctly
Only noise is heard	The antenna is pulled out The frequency is not detected exactly	Connect the antenna on the rear panel. Set the frequency correctly
Broadcasting is received but with noise	The position of antenna is not suitable.	Install the antenna again after locating the best reception position.
	The power of CD player is turned on	Turn off CD player.

# WHEN TO USE RESET SWITCH

- · When this system is subjected to an electrical shock.
- · When the power is irregular.

In the above cases, function buttons may not often operate or the display may operate wrongly. In these cases, try the following:



Press the **RESET** switch lightly once or twice with a pencil or a ballpoint pen.

# **CARE AND MAIN TENANCE**

This section describes the care and maintenance tasks that must be performed to optimize the operation of your Marantz equipment.

# CLEANING OF EQUIPMENT EXTERNAL SURFACES

The exterior finish of your ST6000 will last indefinitely with proper care and cleaning. Never use scouring pads, steel wool, scouring powders or harsh chemical agents (e.g., lye solution), alxohol, thinners, benzine, insecticide or other volatile substances as these will mar the finish of the equipment. Likewise, never use cloths containing chemical substances. If the equipment gets dirty, wipe the external surfaces with a soft, lint-free cloth.

If the equipment becomes heavily soiled:

- dilute some washing up liquid in water, in a ratio of one part detergent to six parts water;
- dip a soft, lint free cloth in the solution and wring the cloth out until it is damp:
- wipe the equipment with the damp cloth;
- dry the equipment by wiping it with a dry cloth.

#### **REPAIRS**

Only the most competent and qualified service technicians shoud be allowed to service your unit. Marantz and its factory trained warranty station personnel have the knowledge and special equipment needed for the repair and calibration of this precision instrument.

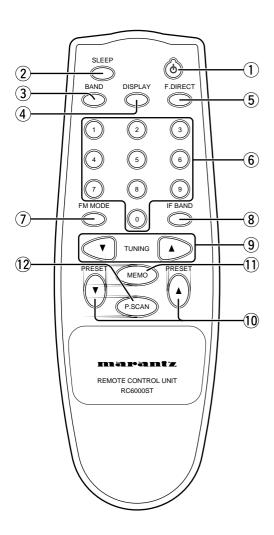
In the event of difficulty, call the proper toll-free telephone number listed on the face of the warranty to obtain the name and address of the Marants Authorized Service Center nearest you. In many cases, the dealer where you purchased your Marants unit may be equipped to provide service. Please include the model, serial number of your unit together with a copy of your purchase receipt and a full description of what you feel is abnormal in its behaviour.

# Memory backup

In case a power outage occurs or the power cord is accidentally unplugged, the ST6000 is equipped with a backup function to prevent memory data such as the preset memory from being erased.

The memory funcitons are backed up for up to about one week

# NAME AND USE OF EACH BUTTON ON THE REMOTE CONTROL



# 1 POWER ON/OFF button

Use this button to turn the power on or to put the unit into standby mode.

# (2) SLEEP button

Press this button to set the sleep timer. The sleep timer can be set to 10, 20, 30, 40, 60, or 90 minutes, or OFF. To cancel the sleep timer, either use this button to select "OFF," or use the POWER button to turn the set off (i.e., put the set in standby mode).

#### (3) BAND button

Use this button to select either the AM band or the FM band. The band switches each time this button is pressed.

# (4) ST.NAME/DISPLAY button

Press this button to switch the display between the programmed name, the frequency, and the antenna input level.

# (5) F.DIRECT button, (6) Numeric buttons

Use these buttons together to tune in a station by inputting the station's broadcast frequency directly through the remote control.

- 1. Press the F.DIRECT button on the remote control.
- 2. Next, use the numeric buttons (0 to 9) to input the broadcast frequency of the desired station.

(You can find the broadcast frequencies of local stations in the newspaper, etc.)

Example: Tuning in FM 84.0MHz through the remote control

- a. Make sure that the set is set to the FM band. If the set is set to the AM band, press the BAND button in order to switch to FM.
- **b.** Press the F.DIRECT button on the remote control. The frequency that was being displayed disappears, and is replaced by " \_\_\_\_\_ " on the display.
- **c.** Next, press numeric button "8". The display now reads "  $B_{--}$ ".
- **d.** Next, press numeric button "4". The display now reads "84.\_\_".
- **e.** Next, press numeric button "0". The display now reads " B + D = ".

To tune in an AM station, follow the same procedure, except set the band to AM

# 7) FM MODE button

Use this button to listen to a stereo broadcast in monaural sound. This button works for both FM and AM stereo broadcasts.

# **8** IF BAND button

Use this button to switch the FM intermediate frequency band.

# **9** TUNING ▲∞ buttons

Use these buttons to increase or decrease the frequency to which the tuner is currently tuned. Holding one of these buttons down initiates the auto tuning operation. (The operation of these buttons is the same as on the main unit.)

#### **10** PRESET **▲**∞ buttons

Use these buttons to move up or down through the preset stations.

# 11 MEMO button

Use this button to store a station in preset memory. The operation of this button is the same as on the main unit.

### 12 P.SCAN (Preset Scan) button

Use this button to automatically tune in each of the stations stored in preset memory, for five seconds each. If you hear a broadcast that you want to listen to, press this button again to stop scanning on that station.

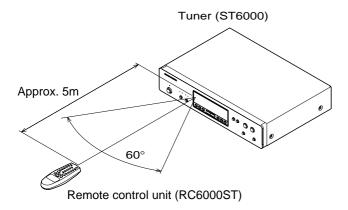
# **USING THE REMOTE CONTROL UNIT**

#### 1. Remote control

Operate the remote control unit (RC6000ST) within a distance of approx. 5 m from the infrared signal reception window (remote sensor) on the front of the Tuner.

Remote control operation may not be possible if the remote control unit's transmitter is not pointing in the direction of the remote sensor or if there is an obstruction between the transmitter and the remote sensor.

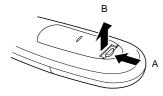
#### Remote control operating range



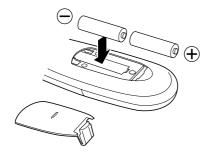
#### 2. Loading batteries

Batteries in this remote control unit have a life of approximately 1 year under normal operating conditions. If the remote control unit is not going to be used for an extended period of time, remove the batteries. Also, if you notice that the batteries are starting to run down, replace them as soon as possible.

1. Open the battery cover by lifting it in direction B while pushing section A in the direction of the arrow.



2. Insert the provided batteries with correct polarity.



# **SPECIFICATIONS**

# **FM** section

Frequency range	87.5 MHz to 108.0 MHz
50 kHz steps: Manual mode	
(10 kHz steps: Fine mode)	
Sensitivity (S/N: 30 dB)	1.2 μV
Total harmonic distortion (1 kHz)	
Mono	
Stereo	0.15 %
Signal to Noise ratio	
Mono:	80 dB
Stereo:	
Selectivity (±400 kHz)	
Wide mode	65 dB
Narrow mode	80 dB
Frequency Response	20 Hz to 15 kHz (+1.0, -3.0 dB)
Image Rejection	
AM Suppression	55 dB
Stereo Separation (1 kHz)	50 dB
AM Section	
Frequency range	520 kHz to 1710 kHz (10 kHz step)
Sensitivity (S/N: 20 dB)	50 dBμV /m
Signal to Noise ratio	50 dB
Total harmonic distortion	1.0 %
Image Rejection	
General	
Power supply	AC 120 V 60 Hz
Power consumption	
Dimension (WxHxD)	
Weight (Net)	
Accessories	
Remote control connection cord	x1
Audio signal connection cord	x1
FM indoor antenna	x1
AM loop antenna	x1
Remote control unit (RC6000ST)	x1

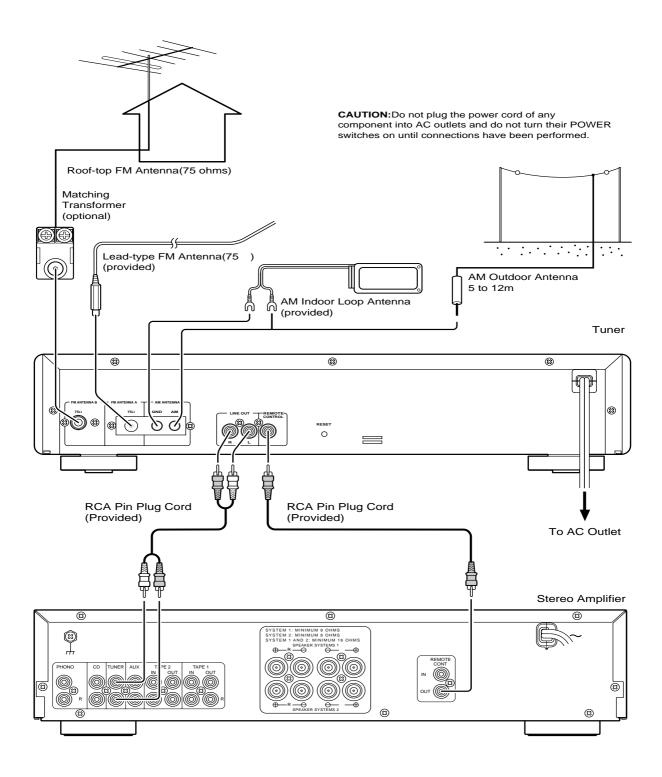
# Note:

Improvements may result in specification or feature changes without notice.

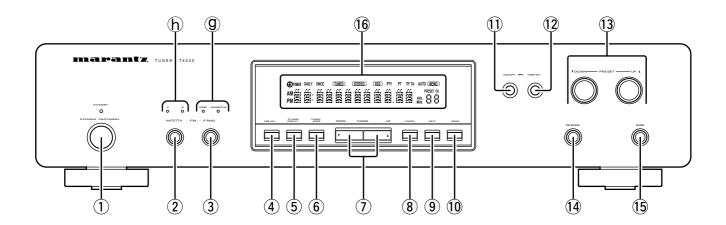
Photos and illustrations may differ slightly from production models.

# **FIGURES**

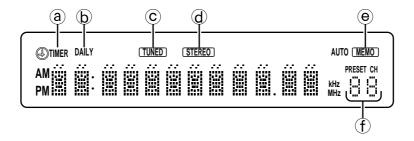
# **BEFORE USE**



# **CONTROLS AND FUNCTIONS**



# **FL-DISPLAY**



COUNTRY	COMPANY	ADDRESS
AUSTRALIA	Scan audio Pty. Ltd.	4 Station Street, Thornleigh NSW 2120, Australia
AUSTRIA	Huber & Prohaska GmbH	Taborstraße 95 / Ladestraße 1, Gebäude Hangartner, A-1200 Wien, Austria
BELGIUM	Van der Heyden Audio N.V.	Brusselbaan 278, 9320 Erembodegem, Belgium
BULGARIA	Ariescommerce GmbH	Makedonia Blvd. 16, 1606 Sofia, Bulgaria
CANADA	Lenbrook Industries Limited	633 Granite Court, Pickering, Ontario
CYPRUS	Empire Hifi systems Ltd.	P.O. Box 5604, Nicosia, Cyprus
CZECH REPUBLIC	Audio International	Fugnerova 1, 67801 Blansko, Czech Republic
DENMARK	Hi-Fi Klubben Denmark	Aboulevarden 1, DK-8000 Arhus C., Denmark
DUBAI	V.V.& SONS	P.O. Box 105, Dubai, U.A.E.
ESTONIA	Audio International Baltic	Lo Hu 12, EE0026 Tallin, Estonia
F.Y.R.O.M.	T.P. KODI	ul.Cedomir Kantargiev 21a, Skopje, Former Yugoslavian Republic of Macedonija
FINLAND	Hi-Fi Klubi Finland	Uudenmaankatu 4-6, SF-00120 Helsinki, Finland
FRANCE	Marantz France	A division of Marantz Europe B.V., P.O. Box 301, 92 156 Suresnes Cedex, France
GERMANY	Marantz Deutschland	Hakenbusch 3, 49078 Osnabrück, Germany
GREECE	Adamco S.A.	188, Hippocratous Street, 11471 Athens, Greece
HEADQUARTERS EUROPE:	Marantz Europe B.V.	Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands
HONG KONG	Marantz Asia Ltd.	Unit 1706, Metroplaza II, 223 Hing Fong Road, Kwai Fong, N.T., Kowloon, Hong Kong
HUNGARY	Infovox Ltd.	Terez Krt.31, 1067 Budapest, Hungary
ICELAND	Radiobudin HF	Skipholti 19, P.O. Box 424, 121 Reykjavik, Iceland
INDIA	Marantz India	c/o Philips India Ltd., Plot 80, Bhosari Industrial Estate Pune - 411026, India
IRAN	Home Co.	5th floor no 878 Philips Building Enghelab ave, P.O. 11365/7844 Tehran, Iran
IRELAND	Marantz Ireland	Clonskeagh, Dublin 14, Ireland
ISRAEL	Elmor Ltd.	52 Heh Beiyar Street, Kikar Hamedina, Tel Aviv, Israel
ITALY	Marantz Italy	Via Casati 23, 20052 Monza (Milano), Italy, Servizio Consumatori 1678-20026, Numero Verde
JAPAN	Marantz Japan Inc.	35-1 Sagami Ohno 7-Chome, Sagamihara-shi, Kanagawa 228-8505,Japan
KOREA	Mk Enterprises Ltd.	#604 Electro-officetel, 16-58, 3GA Hangang-ro, Yongsan-ku, Seoul 140-013 Korea
KUWAIT	alAlamiah Electronics Intl.	P.O. Box 8196, Salmiah 22052, Kuwait
LATVIA	Ace Ltd.	61, LacPlesa Str., Riga LV 1011, Latvia
LEBANON	AZ Electronics S.A., 1,	P.O. Box 11 2833, Beirut, Lebanon
LITHUANIA	A Accapella Ltd.	Ausros, Vartu G5, Pasazo Skg., 2001 Vilnius, Lithuania
MALAYSIA	Wo Kee Hong Electronics Sdn. Bhd.	102 Jalan SS 21/35, Damansara Utama, 47400 Petaling Jaya, Selangordarul Ehsan, Malaysia
MALTA	Doneo Co Ltd.	78 The Strand, Sliema SLM07, Malta
MAURITIUS NETHERLANDS	SKR Electronics Ltd.	P.O. Box 685, Bell Village, Port Louis, Mauritius
NETHERLANDS	Marantz Trading	A division of Marantz Europe B.V., Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherland
NEW ZEALAND NORWAY	Scan audio Pty. Ltd. Hi-Fi Klubben Norway	4 Station Street, Thornleigh NSW 2120, Australia  Lillegrensen 7, N-0159 Oslo, Norway
OMAN	Mustafa & Jawad Trading CO.	P.O. Box 1918, Ruwi, Oman
POLAND	Marantz Polska	UI. Marszalkowska 45/49, 00-648 Warszawa, Poland
PORTUGAL	Corel2	Comércio de Electrónica Lda., Av. Luís Bívar, No 85 A, 1050 Lisboa, Portugal
PROFESSIONAL EUROPE		
PROFESSIONAL U.S.A.	Marantz Professional Products  Marantz Professional Products	Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.K.  Distributed by: Superscope Technologies Inc., 1000 Corporate Blvd. Ste.D, Aurora, Illino
QATAR	Almana & Partners W.W.L.	P.O. Box 49, Doha, Qatar
REUNION	Vision +	180 Rue du Marechal Leclerc, 97400 Saint Denis, Ile de la Reunion
ROMANIA	Alltrom SRL	Soseaua Bucuresti, Ploiesti 10, Sector 1, Bucharest, Romania
RUSSIA	Trade Company SV	Bld. 2, 7 Montazhnaya Street, 107497 Moscow, Russia
SAUDI ARABIA	Ultimate Fidelity	Sameria Comm. Center, Roadah Dist., P.O. Box 7760, Jeddah 21472, Saudi Arabia
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SLOVENIA	Bofex	Smartinska 152, HALA V/3, 61000 Ljubljana, Slovenia
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SWEDEN	Hi-Fi Klubben A.B.	Tegnersgatan 21, S-412 52 Gotenborg, Sweden
SWITZERLAND	Sound Company AG	Postfach, 8010 Zürich, Switzerland
TAHITI	Covecolor	Av. Prince Hinoi, Cours de l'union sacré, P.O. Box 2334, Papeete, Tahiti
TAIWAN	Pai-Yuing Co. Ltd.	6th No 148 Sung Kiang Road, Taipei 10429, Taiwan R.O.C.
THAILAND	MRZ Standard Co. Ltd.	746-750 Mahachai Road, Wangburapa, Bangkok 10200, Thailand
TURKEY	Penta Elektronic	Sanayi Ve Ticaret Ltd. Sti., Selvi Kokak, No. 4/1, Senlikkoy, 34810 Florya, Istanbul, Turkey
U.K.	Marantz Hifi UK Ltd.	Kingsbridge House, Padbury Oaks, 575-583 Bath Road, Longford, Middlesex UB7 0EH, U.K.
U.S.A.	Marantz America Inc.	440 Medinah Road, Roselle, IL 60172, U.S.A.
YUGOSLAVIA	ITM	Ljutice Bogdana Ia, Belgrade, Yugoslavia
OUGULATIA	I I IVI	Ljulioc Doguana ia, Delgraue, Tugoslavia
EXPORT	Marantz Trading	A division of Marantz Europe B.V., Building SFF-2, P.O. Box 80002, 5600 JB Eindhoven, The Netherlands

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