

ORACLE AUDIO

The Fine Art of Playing Music



Oracle Audio Technologies
SI 1000
Integrated Amplifier

Owner's Manual

FOREWORD

This is your SI 1000 Owner's Manual. The following pages will describe as succinctly as possible the assembly of your new SI. Although some operations are self explanatory, we strongly suggest you read this booklet to better understand the importance of the different key adjustments.

Your SI 1000 is a precision instrument and its performance will be affected by the different adjustments. It is important to set up your SI 1000 with the utmost care for an outstanding musical performance and enjoyment!

FOR YOUR RECORDS

Oracle SI 1000 Serial Number: _____

Power Supply Serial Number: _____

Dealer's Name: _____

Dealer's Address: _____

Dealer's Phone: _____

Purchase Date: _____

We suggest you keep your sales slip together with this owner's guide.



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INTRODUCTION

Thank you for purchasing the Oracle Audio SI 1000 Integrated Amplifier. Please carefully read the Owner's Manual before using the SI 1000. This unit is manufactured under very strict quality control and must be used properly for safety and optimal performance.

The ORACLE AUDIO SI 1000 is one of the finest integrated amplifiers available on the market today capable of delivering an outstanding level of realism, finesse and refinement.

Natural reproduction of recorded music is not only an elegant way to describe our product, it's a feeling that captures your full attention from the very first moment you experience the Oracle Audio SI 1000. You will sense the subtlety and nuances of the inner detail and the lightness of touch within the music which you can only feel at the concert hall. The Oracle Audio SI 1000 has an extremely quick transient response where every small micro dynamic signal is...distinctively there!

FEATURES

Preamplifier section

The modular design of the SI 1000 makes service maintenance a mere formality. The volume control stage is done in full domain to preserve the quality and integrity of the sound signal. All channels are dual mono design and individual modules are used for left and right channels respectively.

- Individual and separated power supply section
- Class “A” push-pull output stage
- 2 pairs of junction FET (J-FET)
- 2 pairs of bipolar transistors on the input differential circuit

Power Amplifier section

The SI 1000 uses four bipolar power transmissions for each channel of the power amplifier section. The main circuit is designed to preserve and maintain the maximum quality of sound reproduction and musical integrity.

- Junction FET input
- Proprietary feed-back circuit on the power transmissions for an improved low frequency extension and control
- Push-pull designed parallel output circuit

Main Signal Path

The main signal path uses exclusively discrete components for optimal performance. The use of OP Amps is strictly prohibited at this level!

- DC coupled signal path
- Preamp output for Bi-Amping or Subwoofer application
- Bypass function input for surround processor connection (activated as a 2 channel amp)

Caution!

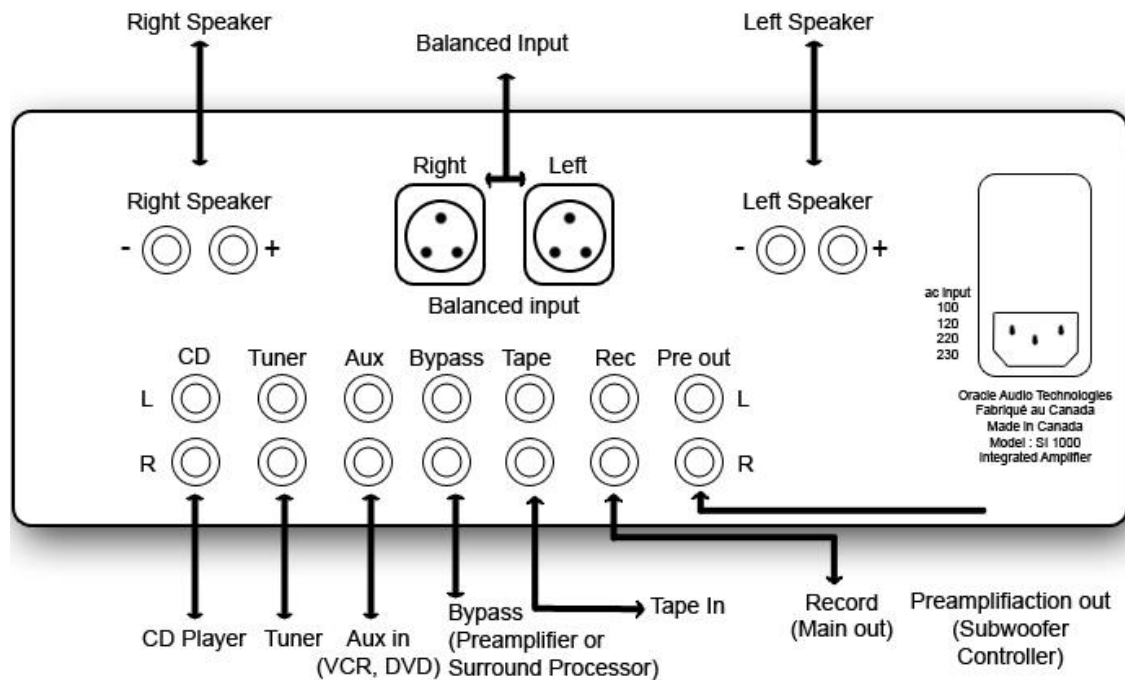
The SI 1000 is designed to operate at the following line voltages: 100, 120, 220, or 230. **Only an authorized Oracle Audio dealer can make changes to the voltage selection.**

The Oracle Audio SI 1000 main power switch is located on the rear panel. The standby switch is located on the front panel. During normal daily operation use the STANDBY switch leaving the main line input switch in the “ON “ position. The current draw in the standby mode is very small while the internal circuitry is maintained at an optimal operating temperature. However, it is recommended to turn the main power switch “OFF” or unplug the AC power lead when you plan to leave the house for an extended period of time.

Do not stack other devices on top; it is important to maintain proper ventilation around the Oracle Audio SI 1000. Improper heat dissipation from and around the SI 1000 could cause overheating related problems.

CONNECTION PROCEDURE

General Connection



The Oracle SI 1000 is equipped with four (4) Unbalanced inputs (RCA) and one Balanced input (XLR). For optimal results we recommend the use of Balanced connections whenever the source component is equipped with a Balanced output.

- **Balanced input** : Connection for Balanced audio cables between the SI 1000 and the sources material
- **Tuner** : Connection for tuner, FM / AM broadcasting stations
- **Aux.** : Connection for video, TV output or any auxiliary devices
- **Tape** : Connection for a cassette tape deck output for playback
- **Rec.** : Connection for cassette tape deck input for recording
- **Bypass** : This input is used for a multi-channel surround processor. The main left and right outputs of the surround processor are connected to this input. This function is activated when pressing the BYPASS button on the remote control handset or directly on the front panel. The Oracle Audio SI 1000 is then working as a fixed input power amplifier.

BYPASS

The SI 1000 used as Power Amplifier

The Oracle SI 1000 can be activated as a pure power amplifier by pressing the BYPASS button from the remote control handset or directly from the front panel. In this mode, an external preamplifier or surround processor with volume control functionality will be required. To return to normal integrated amplifier mode, just press the BYPASS button again.

Surround Processor connection

To make this connection configuration possible the surround processor should have its own volume control. The volume control should be done at the surround processor side. Because the output from the surround processor is connected to the Oracle Audio SI 1000 BYPASS connectors the pre-out becomes automatically connected to the bypass input. You can take advantage of the multi-amplifier application feature by connecting an external power amplifier to the PRE-OUT connectors.

Using the SI 1000 as a Preamplifier

Connection to an external power amplifier

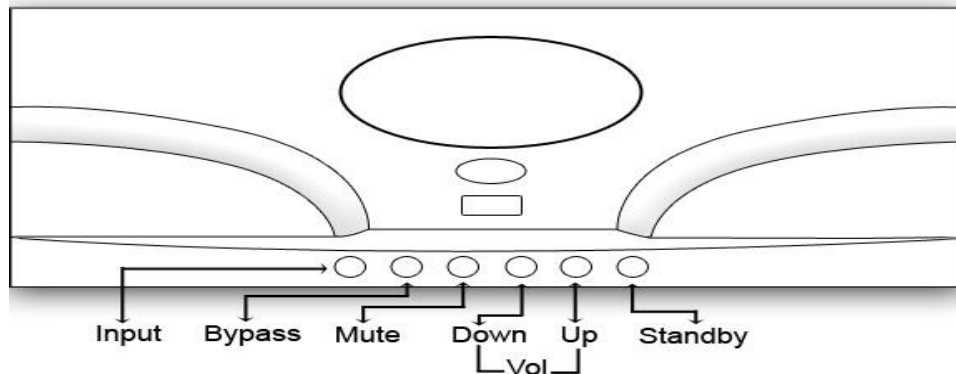
Disconnect the loudspeaker cables from the amplifier or just press the SPK OFF button on the remote control handset. Connect the PRE-OUT of the SI 1000 to the MAIN IN of the external power amplifier.

Using a self powered subwoofer system

This option will be useful when using a small or medium size loudspeaker system as the main loudspeakers and using the PRE-OUT to connect to a self powered subwoofer for an improved bass extension. Install an interconnect cable between cable between the PRE OUT of the Oracle SI 1000 and the MAIN IN of the subwoofer controller / amplifier. The functions of volume, cut off frequency, phase, etc. should be calibrated directly from the subwoofer controller / amplifier panel. Please refer to the subwoofer owner's manual for operation.

SAFE OPERATING INSTRUCTIONS

Front Panel Buttons



Function Key

Standby

Turning “ON “ the main power switch located on the rear panel will activate the amplifier to display ORACLE AUDIO SI 1000. Moments later, the display will change to the default position showing CD. The source selection is accomplished by pressing the INPUT button. The volume level is controlled by pressing the VOL up or VOL down buttons. To turn off the unit press the STANDBY button. This will switch the amplifier mode to standby. While in standby mode, a small amount of current will flow through the amplifier circuitry to maintain an optimal operating temperature. In the standby mode the last settings, source and volume level are memorized. When pressing the STANDBY button again the display will show the previous source and level settings.

Input

The initial power “ON “ mode showing on the display is CD 00.0
Input button selection: **CD – TUNER – AUX – TAPE – BAL_IN –**

Bypass

Refer to chapter: Connection 1.2 BYPASS

Mute

Press the MUTE button once to temporarily turn off the music. The display will show MUTE and no signal will come out from the amplifier. To resume play press the MUTE button again or the VOL up or VOL down button.

Vol Up / Vol Down

The volume control ranges from 0 to 60 in increments of 0.5 for a total of 120 steps. Press the VOL up and VOL down button to set the volume level.

REMOTE CONTROL OPERATION

The remote control handset

The remote control handset can control both the ORACLE AUDIO SI 1000 and the Oracle CD. CD players using the RC-5 Code like the Oracle CD players can be controlled by this remote control unit. Please refer to the manufacturer's user manual for specific detail. SKP OFF: When the SPK OFF button is pressed, the outputs to the speaker terminals are disconnected. This function can be very useful if you have a separate power amplifier connected to PRE-OUT and would like to listen to it. Press SPK OFF again to go back to normal mode.

Battery installation procedure

Using the supplied Allen key wrench remove the back cover on the remote control handset. Install two "AA " batteries following the proper polarity. Test the remote control handset for proper operation. Install the back cover.

Note: It is strongly recommended to use alkaline batteries for an extended cycle operation of the remote control handset but more importantly to prevent any chemical leakage.

SPECIFICATIONS



Oracle Audio SI 1000 Specifications

Configuration	Solid State, Dual Mono Amplifier	Input Device Types	Junction FET Input, 68 KOhms
Chassis	Hand Brushed Aluminum Chassis with a Clear Laquer Coating	Input Sensitivity	560mV / 175W / at 8 Ohms
Rated Power Output	175 WPC Continuous RMS Power @ 8 Ohms	Input Impedance	25KOhms (Preamplifier Section) 68KOhms (Power Amplifier Section - Using Power Amplifier in Bypass Mode)
Class of Operation	Preamplifier - Class A Amplifier - Class A/B	Remote Control	Included (Full Function Hand Brushed Aluminum with a Clear Laquer Coating)
Frequency Response	10 Hz - 35 kHz (+0/-3dB)	Output Impedance	0.04 Ohms, 20Hz - 20kHz
THD + N	<0.1% (20Hz - 20kHz @ 1 Watt) <0.15% (20Hz - 20kHz @ 1 Watt) 0.005% @ 30W, 8 Ohms	Power Consumption	600W, 30W at Standby
Gain	Cirrus Logic, Variable Digital Volume Control	Power Supply Transformer	800VA
Signal to Noise Ratio	100 dB at Full Power (10Hz - 20kHz)	AC Power Requirements	100 / 117 / 220 (230) / 240V, 50Hz or 60Hz
Audio Inputs	(3) Pairs of Single Ended Inputs (RCA) (1) Pair Balanced (XLR) (1) Pair Tape In (RCA) (1) Pair Bypass (RCA)	Removable Power Cord	Included
Audio Outputs	(1) Pair Speaker Bipolar Cardas Rhodium Plated (shielded) (1) Pair Rec Out (RCA) (1) Pair Preamplifier Out (RCA)	Warranty	2 Years from Purchase Date
		Overall Dimensions (WHD)	445mm x 165mm x 483mm, 17 1/2in x 6 1/2in x 19in
		Weight	27 Kg, 60 lbs
		Shipping Weight	35.4 Kg, 78 lbs

Warranty!

A warranty against manufacturer's defects is applicable for a 2 year period from the date of the purchase

Any service work or modification must be carried out by an authorized Oracle Audio service center

Only an Oracle Audio product purchased from an authorized Oracle Audio dealer will have service work covered under this warranty

Warranty is voided!

Any unauthorized work, modification or service rendered on an Oracle Audio product will void the warranty

**We are confident your new Oracle product will give you
many years of satisfaction**

**You are now ready for the real and only purpose of all this...
to sit down and relax, and to enjoy the Fine Art of Playing Music**

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