

SAARANG MAGIC PLUS DIGITAL TANPURA

OPERATING MANUAL

INTRODUCTION

Congratulations! You are the proud owner of a Radel quality product - the Saarang electronic tambura (tanpura). Radel products are renowned for their excellent tonal quality as well as their reliability. The latest state-of-the-art technology is used in the design as well as manufacture of the instruments. Being the inventor of these products and the pioneer in the field of electronic musical instruments for Indian music, Radel is constantly improving existing models and introducing new models of instruments. The name Radel assures you of excellent quality, and, although you may never need it, dedicated after-sales service.

GENERAL INFORMATION

The Saarang electronic tambura (tanpura) is a sophisticated musical instrument for providing sruti (sur) accompaniment to performers of music. It incorporates the latest state-of-the-art technology.

The Saarang Magic Plus can be operated on any voltage from 90 – 260V AC Mains, as well as on a set of six 1.5V dry batteries. The instrument is housed in an unbreakable ABS moulded cabinet with a built-in battery compartment. It has a built-in accurate digital pitch reference allowing the user to select the exact pitch of his/her choice. It has a range of pitch covering one and a half octave. Selection of any fractional pitch between the standard half-note pitch settings is possible by fine tuning. Any setting of pitch, tempo and pluck style can be stored together in memory so that the instrument selects these automatically when switched ON.

OPERATION

Plug the power cord into the socket at the rear of the cabinet. Plug the other end to the wall power outlet. Switch on the product by pressing the 'power on' button.

VOLUME ADJUSTMENT:

To adjust the volume press ▲ or ▼ button on either side of the marking 'VOL', either step by step or continuously.

TONE ADJUSTMENT:

To get bass/treble sound, 'TONE' adjustment is provided. Tone can be altered by pressing the ▲ and ▼ button on either side of the marking 'TONE', step by step or continuously.

PITCH SETTING (Display flashes): Press the 'up' or 'down' key to change the pitch to any other standard setting (in steps of half notes). For **fine tuning** close to a standard pitch setting, press MODE key once. The display will now start **flashing** to confirm that the instrument has entered the fine tuning mode. Now press 'up' or 'down' key to either increase or decrease the pitch in micro-steps.

SELECTION OF PANCHAM / MADHYAM / NISHAD / OFF: Press the PA key to change the Pancham note to **MA** or **NI** or no note.

TEMPO SETTING (Display shows 't'): Pressing MODE key twice from the NORMAL mode (or once from the fine tuning mode) puts the instrument in the TEMPO setting mode. The display now indicates 't'. Press 'up' or 'down' key to increase or decrease the plucking tempo (interval between strings). Pressing MODE key once again restores the instrument to the NORMAL mode (coarse tuning) without changing the fine tuned pitch.

PLUCK STYLES: Two pluck styles are provided in the instrument. One has a pause after the PA note and constitutes a cycle of six counts. This style is popular among the South Indian musicians. The other style does not have the pause after the PA note and this style is popular among the North Indian musicians. To change the style to the alternate one, press the 'up' and 'down' keys simultaneously.

MEMORY: The instrument is provided with the ASDM facility (auto-save dual memory). Thus whenever the user presses a button to change the pitch or tempo, or selects the PA / MA / NI selection, these settings are automatically saved in memory after a gap of about 8 seconds. In addition another set of pitch selection or any other selection can be stored. For **storing** another set of settings of pitch, tempo and pluck style, press **MEM** and **STORE** keys simultaneously. For **recalling** the stored settings while the instrument is playing at some other setting, press **MEM** and **RECALL** keys simultaneously.

DUAL SCALE SYSTEM FACILITY: Two systems of scale are provided - the chromatic scale, (A=440Hz) and the diatonic scale (used in Indian music and many Radel products). The display shows '1' for the Chromatic scale and '2' for the Diatonic scale. When the product is switched on. To change the system from one type to the other, to the diatonic scale (to match some other Radel products), please keep the MODE key pressed for about 8 seconds. The display temporarily changes and shows '1' or '2' as the case may be. After changing the scale, press the ▲ or ▼ keys to match the pitch to the selected scale system.

OPERATION ON BATTERY: The instrument operates on a set of 6 'AA' size batteries. Fit these into the battery compartment according to the correct polarity. On failure of mains power, the instrument will automatically switch over to battery power.

CAUTION : While operating the Saarang Magic Plus :

1. Provide a gap of at least 15 seconds between switching OFF the instrument and switching it ON again to ensure reliable operation.
2. Avoid using the instrument close to other electronic equipment such as mobile or cordless phones, pagers, etc.

WARRANTY

Like all Radel products, the Saarang Magic Plus carries a warranty of 3 years from the date of sale. (Loudspeakers and power cords carry a warranty of 12 months) this warranty is subject to the standard terms and conditions of the manufacturer. All users are advised to ensure that the warranty counterfoils attached to this manual are returned to Radel Electronics Pvt. Ltd. within 15 days of purchase. In case of any problems, users are advised to contact the manufacturers without any delay giving details of the problem, date of purchase, dealer's name and purchase document reference.

The manufacturers invite users to feel free to send any feedback, suggestions and special requirements regarding the product to them.

This Radel product is supplied with the following free accessories:

- a) Power cord, (b) User Manual, (c)Carry case

For a video demonstration of all features of the Saarang Magic Plus, go to this link:

http://www.youtube.com/view_play_list?p=D3274A9AD6875EDC

CONTACT ADDRESS:

Factory:

Radel Electronics Pvt.Ltd.,
74/D, Electronics City, Hosur Road, Bangalore 560100, India
Tel:91-80-28520730
Fax:91-80-28521071

Sales Office:

217,8F Main Road, 3rd Block
Jayanagar, Bangalore 560011, India
Tel:91-80-26647991

E-mail:

General enquiries: info@radel.in
Service requests: support@radel.in

Website: www.radel.in