

SAARANG MICRO V6 DIGITAL TAMBURA (TANPURA)

OPERATION MANUAL

GENERAL INFORMATION

The SAARANG MICRO V6 digital tambura / tanpura is a sophisticated musical product for providing sruti (sur) accompaniment to performers of music. It incorporates the latest state-of-the-art technology.

It can be tuned to any pitch over a range of more than one octave thus enabling it to be used by men or women as well as instrumentalists. It generates 4 perfectly tuned notes as per the pitch selected. It is housed in an attractive, palm sized, lightweight (Size:115 x 130 x 80 mm, Weight - approximately 0.5 kg.), unbreakable and safe ABS plastic cabinet. It can be directly operated on any voltage from 90V -260V AC or on a set of batteries (uses six 'AA' size batteries of 1.5V each). It automatically switches - over to batteries (DC) on failure of mains power (AC). An external speaker socket (1/8") is also provided.

CAUTION: 1. Provide a gap of at least 15 seconds between switching OFF and ON the product.

2. Avoid using the products close to other electronic equipment such as mobile / cordless phones, pagers etc.

OPERATING INSTRUCTIONS: Insert the power cord provided with the product, into the socket at the rear of the instrument. Plug the power cord into a standard wall outlet. Switch on the product by using the 'ON' switch .

Note: The Micro V6 has SMPS facility due to which it can be operated directly on any voltage from 90V-260V AC.

VOLUME(VOL): To adjust the volume press ▲ or ▼ button either step by step or continuously. To mute the volume, press ▲ and ▼ buttons at the same time together. To restore the previous volume level, press ▲ and ▼ buttons together again.

TONE: To get bass/ treble sound, 'TONE' adjustment is provided. Tone can be altered by pressing the ▲ or ▼ button (2 steps each).

PITCH SELECTION: Press the ▲ or ▼ button (PITCH) to change the pitch to any standard setting in steps of half-notes such as C, C#(shown as C.) etc. Please refer to the pitch reference chart at the bottom of the product for pitch references in the Indian systems. The display will show the selected pitch.

FINE TUNING: For fine tuning close to a standard pitch setting, press MODE key once. The display will now start blinking to confirm that the product is in fine tuning mode. Now press ▲ or ▼ button to either increase or decrease the pitch in microsteps.

TEMPO SETTING:: Pressing MODE button twice from the NORMAL mode (or once from the fine tuning mode) puts the product in the tempo setting mode. The display now indicates 't'. Press the ▲ or ▼ button repeatedly to increase or decrease the plucking tempo (speed). Pressing MODE thrice from the tempo mode restores the instrument to the NORMAL mode without changing the fine-tuned pitch.

PLUCK: To change the pluck from hard to soft or vice-versa., press the MODE key three times from the normal mode. The display shows 'p' (for 'pluck'). Now the pluck can be altered to hard or soft by pressing the ▲ or ▼ button. Pressing the MODE key twice from pluck will bring the instrument back to the normal mode.

SUSTAIN: To change the sustenance of notes, press the MODE key four times from the normal mode. The display shows 'S' (for 'sustain'). Now the sustenance can be altered by pressing the ▲ or ▼ key. Pressing the MODE key again from sustain will bring the instrument back to the normal mode.

PLUCK STYLES: Two pluck styles are provided in the instrument. One style 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 and this style is popular among the North Indian musicians. To change the style to the alternate one, press ▲ and ▼ buttons(STYLE) simultaneously.

1.PA-SA.SA.SA

2.PA.SA.SA.SA

PANCHAM / MADHYAM / NISHAD: Press the PA button repeatedly to change the pancham note to MA or NI or OFF. A lamp indicates PA/MA/NI selection.

AUTO SAVE MEMORY(ASM): The current selections / settings like pitch, tempo, pluck style, etc. are automatically saved into memory about 10 seconds after the last button-press. If there is an interruption in AC mains power or if the instrument is switched off, then on switching on the instrument again, these settings will automatically be restored. Thus, the user need not worry about losing the selected pitch and other settings, etc.

THREE ADDITIONAL MEMORY SETTINGS: In addition to the above, three sets of pitch, tempo etc can be saved by the user. That is, three different users can use the MICRO V6 with their separate individual setting stored in memory. Once stored, all that the users have to do is to "RECALL" the particular settings with one touch of the keys.

Select one set of pitch, tempo, pluck etc. Press MEM key. The display shows '1'. Press STORE(▲). The first set of selections is stored. Similarly, select another set of pitch etc. Press MEM key. The display shows '2'. Press STORE(▲). The second set of selections is stored. Likewise, select another set of pitch etc. Press MEM key. The display shows '3'. Press STORE(▲). The third set of selections is stored.

To "RECALL", press MEM key. The display shows '1'. Press RECALL(▼). The first set of selections is recalled. Similarly, press MEM key again. The display shows '2'. Press RECALL(▼). The second set of selections is recalled. Likewise, press MEM key once again. The display shows '3'. Press RECALL(▼). The third set of selections is recalled.

DUAL SCALE SYSTEM:

Two pitch scale systems are provided in the instrument: **CHROMATIC SCALE** and **DIATONIC SCALE**

Chromatic scale is used in western music and indicated by standard pitch pipe. The Chromatic scale on this instrument is with calibration of A=440 Hz.

Diatonic scale is used in Indian music and in many other **Radel** products.

To change the pitch scale, press the MODE button for at least 5 seconds. The scale changes from one to the other and the display temporarily shows '1' for chromatic scale selection and '2' for diatonic scale selection.

After the change in the scale shown as '1' or '2', press the ▲ or ▼ button once to achieve the exact pitch in reference to the new scale. For eg., if the pitch selected is 'C' in chromatic, to change it to diatonic, press MODE button as mentioned above, then press ▲ and ▼ button once mode to get the exact pitch of 'C' as per diatonic scale.

USAGE ON BATTERIES: The Saarang Micro V6 operates on six 'AA' size batteries. It automatically switches over to batteries (DC) on failure of mains power (AC).

WARRANTY :

The SAARANG MICRO V6 digital tambura is guaranteed against manufacturing defects for a period of THREE YEARS from the date of sale. The warranty is valid only if the seal on the instrument is intact.

The likelihood of failure of components is extremely remote. The Saarang is a very rugged and reliable instrument. No periodic servicing is required. The instrument can be operated, stored or transported in any position without affecting its performance.

CAUTION : Servicing attempted by untrained technicians may cause damage to the sophisticated components. It is therefore advisable to contact the manufacturers or dealers in case of any problems.

Note: The manufacturers reserve the right to change, alter or modify the design of the products from time to time effecting a process of continuous development and innovation

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