37`s discant sheng
re-designed by Weng Zhenfa
from shanghai

Pitch range : g - g3
Pitch Range

37's Discant chromatic sheng (shanghai)

Pitch range : g - g3
High range: c2 – g3
Middle range: c1 - d2
Low range: g - d1
1. what is the color of the different pitch range?

The sound can be produced on the Sheng through 2 basic skills, blowing and sucking, which create the same sound effects and notes. In order to produce different sound effect, a performer usually combines various tongue and fingering skills with blowing and sucking to play the music. The major tongue techniques include Hu-she and Hua-she, and Hua-she can be further subdivided into Chu Hua-she, Xi Hua-she, and Bao Huashe; the most frequently used fingerling skills are Muying, Chanying, Daying, Duoying, tr and Li-ying. The introduction of each skill mentioned above are listed as follows:
Tongue Skills 口部技巧
Tongue Skill 1: Small Flower Tongue (Xi Huashe)
细花舌

- The way of playing it: Vibrate the tongue quickly Tongue trill
- Dynamic Level: ppp to mf
- Sound effect: small flutter Tongue is more soft than big flutter tongue
- Symbol: *
- Application: Can be used in every pitch or chord
- Sound Sample:
Tongue Skill 2: TongBig Flower Tongue (Chu Huashe)

粗花舌

- The way of playing it: flutter Tongue
- Dynamic Level: f to fff
- Sound Effect:
- Symbol:
- Application: Can be used in every pitch or chord
- Sound Sample:
Tongue Skill 3: Erupt Flower Tongue
(Bao Huashe) 爆花舌

- The way of playing it: beginning with big flutter tongue then stop to make accent and keep one pitch or chord
- Dynamic Level: f - fff
- Sound effect:
- Symbol:
- Application: Used only on accent pitch or chord
Tongue Skill 4: Blowing Tongue (Hu-She) 呼舌

- The way of playing it: Compress the air from month, and like rinsing out the water from a month
- Dynamic Level: pp to mf
- Sound effect: hear it like circulating breath
- Symbol: Hu-she
- Application: can play it long as you need, more than 30 minutes,
- Sound Sample: 水库飞来金凤凰 5 56 1 12 3553 2
Tongue Skill 5: She Chanying
舌颤音

- The way of playing it: Like pronouncing ‘susususu….’
- Dynamic Level: *ppp* to *fff*
- Sound effect:
- Symbol: she chan ying
- Application:
Tongue Skill 6: Hou Chanying
喉颤音

- The way of playing it: Like pronouncing ‘huhuhuhu….’
- Dynamic Level: *ppp* to *fff*
- Sound effect:
- Symbol: Hou chan ying
- Application:
- Sampler:
Tongue Skill 7: Qu -qi
‘Sawing wood’ 鋸气

- The way of playing it: Like pronouncing ‘si sou si sou...’
- Dynamic Level: *mp* to *fff*
- Sound effect:
- Symbol: Qu qi
- Application: am mostly play it with traditional chords
- Sampler:
Tongue Skill 8: (Duo qi) 刹气

- The way of playing it: Like pronouncing ‘se ki se ki...’
- Dynamic Level: mp to fff
- Sound effect:
- Symbol: Duo Qi
- Application: the down bit always stronger than up bit
Traditional Chords

五四度和音

Wubaduersheng-melody in bottom Line

c:

melody in bottom line
Traditional Chords (Continued)

四五度和音

traditional sheng chords

B: SiWuduhesheng-melody in meddle Line

traditioal sheng chords

D: Siduhesheng-melody in upper Line

四度和音
Dun-Qi
顿气

- The way of playing it: Like pronouncing ‘xuexu xuexu.....’
- Dynamic Level: *mp* to **fff**
- Sound effect:
- Symbol: Dun-Qi
- Application:
- Sampler:
Quick short blowing
(Shui Tu) 碎吐

- The way of playing it: Similar to that of Blowing Tongue (double tongue – marcato), double tongue - legato
- Dynamic Level: *mp* to *fff*
- Sound effect:
- Symbol: Shui Tu
- Application:
- Sampler:
Vibrato

Fu Chanyin 腹颤音

- The way of playing it:
- Dynamic Level: *mp* to *f*
- Sound effect: like string instrument play it
- Symbol: Fu Chanyin
- Application:
Buoshe
拨舌音

- The way of playing it: blowing, sucking and moving the tongue from right to left side
- Dynamic Level: \( mp \) to \( f \)
- Sound effect:
- Symbol:
- Application:
- Sound sample:
Fingering skills: 手指技巧
Fingering skills

Sliding the notes (Mu ying) 抹音

- The way of playing it: pressing the air and opening fingerhole to make sliding sound
- Dynamic Level:  \textit{pp - mp}
- Sound effect: Like glissando within a minor third interval,
- Symbol: 
- Application: pitch range: a2-g3, can play 2 pitch in different direction(up and down),
- Sound sample:
The way of playing it:

- Dynamic Level: *pp - mp*
- Sound effect: Like *tr*, which is consists of rapid slight variations in pitch
- Symbol:
- Application:
- Sound sample:
Fingering skills

Striking the notes (Da ying) 打音

- The way of playing it: Strike the notes, intervals, or chords slowly or fast
- Dynamic Level:  *pp - fff*
- Sound effect:
- Symbol: 丁
- Application:
- Sound sample:
Fingering skills
Trembling the notes
(Dou ying) 抖音

- The way of playing it: Shaking the instrument, like an accordion
- Dynamic Level: f -fff
- Sound effect:
- Symbol:
- Application:
- Sound sample:
Fingering skills

Li Ying 历音

- The way of playing it: Like Short ornamentations, only quickly form a2 to b2 #c3 to d3 than return or form d2|e2|#f|g2, fast not more than one second
- Dynamic Level: f -fff
- Sound effect:
- Symbol:
- Application:
- Sound sample: 晋调
Blowing skills 其它吹奏技巧

A: Blowing the pipe like playing the panpipe (only on the pitch d2, g2, and c3) 类似吹排箫

B: Blowing the hole of the pipe 吹按音孔，发音

C: Blowing sheng`s mouth piece (like playing the flute) 吹笙嘴用吹笛的方法

D: Blowing the mouth piece (Only with air) 吹笙嘴，发音

E: Blowing the mouth piece with lipe (like play trumpt)

F: Blowing the instrument and singing with voice at the sametime (high or low pitch ), but very the sound is very quietly (pp-mp)
1. How to write one chord for sheng?
The Luxembourg Society for Contemporary Music announces its 7th International Composition Prize for the year 2008. Composers from all over the world – without age limitation - are invited to present new works for the ensemble Luxembourg Sinfonietta.

Composers may submit a piece for Solo Sheng and the whole ensemble:

- 1 clarinet in Bb
- 1 bass clarinet in Bb
- 1 soprano saxophone
- 1 alto saxophone
- 1 horn in F
- 1 tuba
- 1 violin
- 1 viola
- 1 cello
- 1 piano
- 1 percussion player
  (vibraphone, glockenspiel, 3 tom-toms, 2 suspended cymbals, bass drum)

and

**SHENG** (Chinese mouth organ)
The sheng is one of the oldest Chinese instruments with a history going back approximately 3000 years. The modern descant sheng has 37 bamboo tubes contained in a metallic pot with a mouthpiece. It has a range of three chromatic octaves (G – G'). It is thus possible to play polyphonal works, chords and even clusters on a sheng.

Only one entry per person will be accepted.

Compositions must have been written especially for this competition; they must not have been performed previously nor awarded a prize.

The duration of the work must be stated on the score and be from 8 to 10 minutes.

There is no entry fee.

Three copies of the score must be sent by registered mail. They will only be considered if they are anonymous and identified by a code word.

A sealed envelope, also marked with the code word only, must accompany the score and contain the composer’s name, address, photo, curriculum vitae and a copy of the passport.

All documents should be sent to:

Luxembourg Sinfonietta
3, route d'arlon
L-8009 Strassen
Luxembourg

Deadline for entries: 1st July 2008

The compositions will be judged by an international Jury consisting of the following members:

- François Bousch (France)
- Wing Wah Chan (Hong Kong)
- Cord Meijering (Netherlands)
- Wu Wei (China)
- Marcel Wengler (Luxembourg)

The judges will select four works in a preliminary round; these works will be performed at the Final Concert to be given by the Luxembourg Sinfonietta on October 18, 2008. The finalists must be present at this concert. The judges will announce the prizewinners following the performance.

The material for the performance of the selected compositions must be sent to Luxembourg Sinfonietta by September 1, 2008 and must be available for the ensemble free of charge.

Prizes will be awarded as follows:

- 1st prize: 3.000 €
- 2nd prize: 2.000 €
- 3rd prize: 1.000 €
- 4th prize: 500 €

The prize-winning works will be issued on CD by Luxembourg Sinfonietta.

The judges reserve the right not to award a prize.

The jury’s decision is final and cannot be legally challenged.

The scores remain the property of the Luxembourg Music Information Centre.

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Thanks

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- Mr. Hong Wang
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